

HAWAIIAN MARINE TURTLES-
newspaper articles

1972+

COLLECTED BY GHBALAZS

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445 POUND TURTLE CAUGHT BY SAMPAN



A police officer on the pier served notice, what's going to happen next. Officers Cardinal Thomas (left) and Jack Young today advised a sampan on Kakaiaua St. stumbled across this giant turtle. Investigation showed that the crew of the sampan failed to check the slugs of Kailua on April 8. It took six of the crew to lift him out of the water and remove him from a line and hooks which he had fouled. The turtle, which had last night, tipped the market scales at 445 pounds. Old fishermen at the market nodding wise heads today, declared they have never seen a turtle so big nor one of this black species. Star-Bulletin photo.

Election Laws Study Tonight

Senator W. E. Hooper's Judiciary committee will meet at 7:30 p. m. today to discuss with Arthur A. Greene, secretary of the territory, and City Clerk Ernest Blevins, proposals to effect minor changes in the municipal and territorial election laws.

At the same time, Senator Henry Freilias' bill to set aside 60,000 acres in the Waianae district for a forest

RACE PROBLEM DEBATED HERE

Students Seek Amity In Re- lationships of Japanese and Caucasians

To bring out into the open and discuss truthfully Japanese-Caucasian

Cousin Of The President Dies

(Associated Press by Wireless)
NEW YORK, April 8.—Warren Delano Robbins, 50, U. S. minister to Canada and a first cousin of President Roosevelt, died Sunday.

Watanabe, Bunji Higaki, Haruo Matsumura, Haruo Sakai, Grace Yukoi, A. Ooto, Ellen Teshima, Joyce Kawamoto, Tadamichi Fukushima, Kimiyo Watanabe, Haruo Tokuharu, Haruo Tsuruta, Taro

GIANT TURTLE IS CUT OFF IN PRIME OF LIFE

Fishermen End Maritime Career of Young 445 Pound Sphagis Tortoise

He weighs 445 pounds, but he's only half grown.
Yet fishermen gave the huge black trunk turtle, now at a fish market on Kakaiaua St., no chance to reach his maturity.

The caught him about 15 miles off Kailua Friday, and now he has joined other "poor fish" in Honolulu. He is not edible, however, according to Spencer Thayer, instructor of zoology at the University of Hawaii.

The turtle, whose scientific name is Sphagis Tortoise, is of an uncommon species not found anywhere in large numbers. They are located only in tropical and semi-tropical waters.

Largest of all marine turtles this species grows to 1,000 pounds. The specimen in Honolulu was caught by fishermen of the sampan Fukuki. He is the largest ever to be seen in these waters.

Crowd Greet New Orchestra

At Rushion and the Royal Cardinals were welcomed by nearly 1,500 at the Alexander Young hotel roof garden Saturday.

Over 750 gathered there during the tea dance and nearly that number were present at the evening dance—the premiere performance of the new orchestra and entertainers after their arrival on the Malolo Thursday.

Graphic Art Session

Members of the aloha of the graphic arts to meet at 7:30 p. m. chamber of commerce their representative tutorial code authority.

Four members of the to be appointed as a of the four daily remaining nine are from members of the NELA representative the meeting to assist.

Delay In Ba Opening

A minority vote any mitted report filed Charles A. Rice today delays in reopening the new American bank Kaula and at Honolulu unavoidable.

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New Hilo Gov't 'Employees'



NEW COUNTY WORKERS—The first of many sea turtles went to work for the County of Hawaii this week in an effort to clear vegetable matter lining the bottom and sides of ponds at Hilo's Japanese Park. Realizing turtle steaks are a prized delicacy, park officials painted a warning on the shells to ward off raiders. Shown launching the career of the new employes (no pay but all you can eat) are Yoshio Yanagawa, chairman of the Parks Commission; Mrs. C. C. Kennedy, a member of the commission; Raymond Carvalho, parks superintendent, and T. R. Sakai, landscape expert who has aided in the rehabilitation of the park. (Hilo Photo Supply)

Board Defers Pali Beer Bill; Approval Seen

Action on the bill to permit sale of beer at the Pali golf course was deferred yesterday by city supervisors to make a minor revision in wording.

They indicated they will pass

Rep. Judd Warns Against Reds

US Can Win Asian Nations As Friends

The countries of Asia can be won over to the side of democracy, and as allies against communism and these countries are worth helping if an area of security is to be built up in the Pacific.

The free world cannot relax until the power of the Kremlin

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AGANA, Guam
Dec. 16 (AP)—A
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Roy Pendang, Honolulu Aquarium attendant, pushes the 250-pound leatherback turtle ashore in the aquarium's tank. The sea turtle is one of the few in captivity.—Star-Bulletin Photo.

Aquarium Gets Rare Turtle; She's Snooted by Old Tenants

A giant leatherback turtle, a living relic of primitive sea life, is now on exhibit at the Honolulu Aquarium. The old-timers at the aquarium tank aren't impressed by the new tenant's exclusiveness, but Spencer W. Tinker, director of the aquarium, is delighted.

Tinker said he received the 250-pound female turtle yesterday from the Big Island, where it was caught Tuesday by a Honolulu fisherman in the waters off Lyman Point.

Samuel Nuhi Jr., of 1326 Alapai Street, caught the creature, he said, when it became tangled in his fishing gear.

IGNORED AT FIRST

Yesterday, after Tinker and his assistants uncared the leatherback—also known as the trunk turtle—and placed it in the tank, the sea turtles and seals in the water paid little attention.

Later, however, they began "picking on her," an attendant said, the seals taking an occasional bite at the

Tinker apparently has reason to be delighted.

His leatherback turtle is one of the very few in captivity, he said.

The leathery creature is seldom caught, he said, and his is the third one known to have been captured in Hawaiian waters since 1935.

The turtle, scientifically classified as the *dermocheilus coriacea*, is of the first aquatic branches of the lizard-turtle stock.

BLACK AND WHITE

It is black with white blotches covering its shell-less body.

Though it has no outer shell, the leatherback is divided by seven spiny ridges along its back.

It is protected by a mosaic of small bones embedded in the thick skin, but not visible.

The creature lives in nearly all warm seas, but is more commonly seen in the Atlantic.

as much as 2,500 pounds and measure as long as nine feet.

LARGEST TURTLE

It is not only the largest existing sea turtle, but the swiftest and strongest.

The Hawaiians of old (at Punaluu on the Big Island, created a hula dance in honor of the turtle, believed to be an akua (Hawaiian goddess).

They called the leatherback, Honupo'oked.

Tinker said he plans to pay Nuhi a "market price" for the turtle.

He said the capture is an indication that there are more leatherbacks in Hawaiian waters.

The female turtle could not have traveled here from the Atlantic, he said.

Next to the United States, Britain carries a heavier defense budget than any other free country.

(Related Story on Page 1-B)

Holiday motorists began the Memorial Day week end in a rash of minor traffic accidents last night, but police said no one was seriously injured.

Between 3 and 11 p.m., according to traffic investigators, there were 16 auto accidents, but only three were classed as major accidents.

Mrs. Marilyn Muir, 19, of 1745 South Beretania Street, was the only person hospitalized.

Police said Mrs. Muir, who is expecting a baby, was taken to the Kapiolani Maternity Hospital after her husband's car was rammed from the rear on Kapiolani Boulevard around 8:15.

HOSPITALIZED

Mrs. Muir was not injured, police said, but confined to the hospital for observation because of her condition.

An estimate of damages caused in the 16 accidents was not available, police said, but damages were not considered to be extensive.

GOVERNOR REPORTS

ACCIDENT RATE DOWN

Oahu's traffic situation has improved some this year over last year, Governor Quinn said yesterday—but not enough.

The Governor issued a statement on traffic emergency yesterday, exactly two months after he declared a state of emergency on Oahu's streets and highways, March 29.

His statement yesterday was a plea for motorists to assist government agencies in curbing the accident rate during the Memorial Day week end and other holidays.

In his statement, he said the number of major traffic accidents is now down 15 per cent from a year ago.

Yagi Returns To I.L.W.U. Post

WAILUKU, Maui, May 30

—Thomas S. Yagi, Maui County I.L.W.U. division director, who suffered a heart attack on March 21, returned to work yesterday on a part-time basis after an extended vacation on Hawaii.

Yagi met last night with Jack W. Hall, union regional director at the Maui Palms Hotel.

May 30, 1958

Assembly Star-Bulletin

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He's Incubating a New Industry

Scientist Seeks to Transp

By Helen Altonn
Star-Bulletin Writer

If all goes well, a Coconut Island scientist will be the proud father of a hatch of green sea turtles sometime in August.

About 282 turtle eggs recently were transplanted into nests and an incubator on the Island from French Frigate Shoals, one of the turtle's breeding grounds in the Pacific.

The transfer was a tricky process, done here for the first time in an attempt both to conserve the valuable reptiles and to try and raise them economically as a source of protein.

George Balaz, University of Hawaii marine biologist, is conducting the experiment under the Sea Grant aquaculture program at the Hawaii Institute of Marine Biology.

THE U.S. Bureau of Sport Fisheries and Wildlife approved Balaz's request for the eggs. They were collected by David L. Olsen, assistant manager for the Hawaiian Islands National Refuge.

He got them from East Island, one of the most remote islands in the refuge.

He said only three turtles were laying at the time, in early June, and he took all three clutches of eggs—making sure they were picked up and redeposited in the same position in which they were laid.

Balaz put 39 eggs in an incubator just to see what will happen. The others are in three nesting pits, about two feet deep, at an isolated end of Coconut Island.

"I know how the female turtle feels because I

cleared the pits and put the eggs in there myself," he quipped.

THE FEMALE turtle digs a body pit with her front and back flippers—about six feet deep—and once she's in there uses her back flippers to dig a nest.

She drops her eggs like ping-pong balls and then covers up the entire hole and pats it down—leaving nature to take care of her eggs.

"Trying to find an egg pit

is extremely difficult because she camouflages them so well," Olsen said.

A Star-Bulletin team visited the Coconut Island nesting site with Balaz, Olsen and Eugene Kridler also showed up to see how the eggs were doing. Kridler is the federal wildlife administrator in Hawaii, in charge of the refuge.

Balaz buried a temperature probe with one clutch of eggs to record day and night temperatures. He also has a

tape recorder in one of the pits with a microphone. He hopes the turtles will make so much noise several days before they hatch.

"WHEN I HEAR that noise, I'm going to get sighting facilities out here as fast as I can," he said.

Kridler said there is so much knowledge about the green sea turtle, although it is the most important species



NEW HOME — Turtle eggs laid on East Island in the National Wildlife Refuge are placed in a new nesting hole at Coconut Island in Kaneohe Bay. —Photo by Lloyd Watarai.

Transplant Green Turtle to Oahu

turtle in the world economically.

No one has ever seen the turtles in the period from birth to "platter size" — about one year old, he said. This is the so-called "lost year."

"Where do they go and what do they feed on? No one really knows — not only here, but on a worldwide basis," he said.

He said the project at the HIBM should contribute much practical information about the turtles.

BALAZ IS hopeful but cautious about predicting results. He said survival of eggs in the natural nests is less than 60 per cent "so what we will get in the transplanting is yet to be seen."

He must devise rations to raise the turtles. They are believed to be carnivorous the first few months — and maybe for the first year — and then are herbivorous, he said.

"That's what they say (in literature) and that's not a heck of a lot," he commented.

He said he became interested in sea turtles while looking up literature about them for another worker at the Institute. "Instead of passing it on, I started

reading... "They're fantastic animals," he said, "but little scientific work is being done on them."

He said Hawaii has pastures of algae which are not utilized by any other sea animal except the turtle. They come here to graze from their nesting grounds in the Wildlife Refuge.

BALAZ SAID his long-term goal is to raise the turtles to maturity — well over 200 pounds — and try to get them to nest on artificial beaches.

throughout the Pacific, where they are taken for food and for their shells.

"We have no legal authority for protection of the sea turtle except in the refuge," he said.

He noted that turtle meat tastes like veal but said, "I don't eat it any more because it's like eating a friend."

He said the turtles in Balaz's project still are under federal protection and any surplus animals will be tagged and released if they still have the ability to forage for food.

He's Incubating a New Industry

Scientist Seeks to Transp

By Helen Altonn
Star-Bulletin Writer

If all goes well, a Coconut Island scientist will be the proud father of a hatch of green sea turtles sometime in August.

About 232 turtle eggs recently were transplanted into nests and an incubator on the Island from French Frigate Shoals, one of the turtle's breeding grounds in the Pacific.

The transfer was a tricky process, done here for the first time in an attempt both to conserve the valuable reptiles and to try and raise them economically as a source of protein.

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BALAZ SAID his long-term goal is to raise the turtles to maturity — well over 200 pounds — and try to get them to nest on artificial beaches.

It is hoped that increased knowledge about the nutritional requirements and management of the turtle will lead to aquacultural enterprises.

"If we can supply the market with turtles raised in captivity, it will eliminate pressure on the stock and increase the numbers," Balaz said.

He said he hopes to work with the hawksbill turtle, an endangered species, if his project is successful.

Kridler expressed concern for the depletion of the turtle populations here and

throughout the Pacific, where they are taken for food and for their shells.

"We have no legal authority for protection of the sea turtle except in the refuge," he said.

He noted that turtle meat tastes like veal but said, "I don't eat it any more because it's like eating a friend."

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TURTLE TRANSPLANT—George Balazs examines a new batch of sea turtle hatchlings brought in from French Frigate Shoals for rearing at Coconut Island.—Photo by Warren Roll.

Noise Could Hamper Sea Turtle Hatching

By Robert Barr
Associated Press Writer

University of Hawaii marine biologist George Balazs says he's puzzled, but undaunted, after hatching only eight green sea turtles from about 200 eggs.

Balazs transplanted three nests of turtle eggs from the French Frigate Shoals to Coconut Island, and two of the nests were not fertile.

What baffles Balazs is that the 72 eggs in the third nest which did not hatch showed development from four days to ready-to-hatch.

"One would think they would all be in the same stage," Balazs said, "instead of dying all along the way."

"What really bewilders me is that some who were ready to hatch didn't try to peck out."

THE COAST GUARD came to the rescue, however, by bringing in 122 hatchlings from the remote nesting

grounds, and Balazs is proceeding with his experiments on what the young turtles eat.

His research aims to open the way for commercial raising of the tasty turtles. There are plans to transfer more clutches of eggs to Coconut Island for incubation.

Balazs said the development of the eggs might have been hampered during the five days it took to move them to Honolulu. He said future nests will be moved in one day, and will be transported whole—sand and all.

"I'd like to tie this in with

the jets at Kaneohe," Balazs said of his unhatched eggs. He said he can't prove a link, but "the hatchlings started kicking around to beat the band" whenever military jets flew over.

Balazs planted microphones in each nest to monitor the turtles' development.

THE HATCHLINGS—weighing one ounce and measuring two inches long—have moved into a Manoa campus laboratory, where control groups are fed formulas containing varied

amounts of protein and calories.

Balazs said biologists know little about the first year of the green sea turtle's life, or even how long it takes a turtle to grow to "platter size"—150 pounds.

Some literature suggests Balazs said the turtles fare

the turtles are meat-eaters during the first year—but Balazs said most of his subjects are thriving on a vegetarian diet. A few are fed meat.

Although disappointed by the few eggs which hatched, Balazs said the turtles fare worse in the wild. Half the eggs normally hatch, but less than one per cent of the hatchlings reach maturity. "They are picked up by birds, or eaten by crabs and fish," Balazs said. "It's amazing they've made it this long."

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Dating Beach 9/17/72

Sea Turtles Key To Feeding Masses

HONOLULU (AP) The sea is a potential source of nourishment for the world's hungry millions, but a University of Hawaii marine biologist is working to please the palates of gourmets, too.

George Balazs of the Hawaii Institute of Marine Biology is studying 130 green sea turtle hatchlings, to find out what the tasty turtles eat and how long it takes them to grow to platter size.

"Initially, we would only be able to supply turtles for the gourmet market," Balazs said in an interview, "but later on it may have a potential for the mass market."

The green sea turtle is prized for its veal-like flesh, its calpee (cartilage that produces the sticky texture demanded of the best turtle soup) and its flippers, which make stew.

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Biologist Studying Sea Turtle Potential On Gourmet Market

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Turtle steak sells for \$2 a pound on the West Coast, and calipee will fetch twice that price, Balazs said.

Balazs is feeding the two-inch-long hatchlings varying diets of vegetable matter to determine the optimum amounts of protein and calories. One group gets a meat diet.

The one-ounce hatchlings must grow to about 150 pounds before they're ready for market, and Balazs said 80 per cent of a mature turtle is marketable, including the shell and the leather from the neck and flippers.

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**OEO Director
Calls For
Coordination**

Columbia Area Births

Columbia Record Sept. 16, 1972
BAPTIST HOSPITAL

RICHLAND MEMORIAL

A girl to Mr. and Mrs.

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Biologist in stew over tasty turtle

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The one-quarter hatchlings must grow to about 150 pounds before they're ready for market, and Balazs said 80 per cent of a mature turtle is marketable, including the shell and the leathers from the neck and flippers.

Balazs turtle farming becomes a reality. The turtles must grow they will breed on artificial beaches. And Balazs' actual experiments have not been encouraging.

9-18-72 - Dallas Times Herald

Baby Turtles Are HIMB Lunch Guests

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(Continued on page 6.)



SEA GRANT NEWSLETTER

Volume 2, Number 11

November 1, 1972

Pacific Floor to Supply Scarce Minerals

As data concerning the size, quality, and distribution of manganese nodules accumulate, scientists, industrialists, and government officials interested in future supplies of copper, nickel, and cobalt believe that our ocean floors will become the key source of these valuable minerals. They expect that this will happen within the next several years, regardless of current legal problems.

This attitude was widely aired by participants in a workshop-symposium, "Manganese Nodule Deposits in the Pacific", held at the Princess Kaiulani Hotel October 16 and 17. The conference brought together more than 100 scien-

(Continued on page 2.)

New Indexes Coming

Through the National Sea Grant Depository, all publications issued by Sea Grant-sponsored projects and programs are indexed regularly. A new edition of the Sea Grant Indexes will be available this month. The indexes may be consulted at the Ocean Science Information Center, Hamilton Library, on the UH Manoa campus

Individuals or libraries having a special professional need for the Sea Grant Indexes may request copies from Mrs. Barbara Tillett, director of the Ocean Science Information Center.

Lava Ponds on Zoology Agenda

John Maciolek (Cooperative Fisheries Unit) will describe a lava pond ecosystem at a zoology department seminar on Friday, November 10. The program is scheduled for 3:30 in the Plant Science Building (St. John II). It is open to the campus community.

Because of widespread recent interest in the ponds along the Kona coast, Maciolek has written especially for Newsletter readers a brief introduction to some of the topics he will discuss at the zoology seminar. Maciolek, along with several other UH scientists, has surveyed many of the lava ponds along the Kona and Puna coastlines. More detailed investigations of selected ponds are scheduled.

THE "LAVA POND" ECOSYSTEM

Until recently, little scientific attention was given to pools and ponds in the fractured lavas along the ocean shore. Ancient Hawaiians developed a few of the larger ones for fishponds, and some smaller ones for baths or wells (where water was fresh enough to drink). Hundreds of such water exposures occur on coastlines of East Maui and Hawaii Islands. Studies conducted during the past year by the Hawaii Cooperative Fishery Unit have shown these waters to be different from others (oceans, streams) in both environmental factors and biota.

(Continued on page 5.)



Pacific Floor (Continued)

tists, businessmen, and government officials to explore the economic, technological, legal, and environmental aspects of nodule recovery and processing.

The symposium was jointly sponsored by the Hawaii Institute of Geophysics, the State Marine Affairs Coordinator's Office, the State of Hawaii Department of Planning and Economic Development, and the Office for the International Decade of Ocean Exploration of the National Science Foundation.

Among the out-of-state speakers were Raymond Kaufman of Deepsea Ventures Inc., the first firm to start commercial prospecting for manganese nodules; John Mero of Ocean Resources Inc., an authority on ocean mineral resources; Leigh Ratiner, Director of Ocean Resources for the U.S. Department of the Interior; Edward Davin from the National Science Foundation; Myron Nordquist, a legal advisor for the U.S. State Department; and F.M. Auburn, a specialist on legal aspects of ocean mining from the University of Auckland in New Zealand.

Much discussion surrounded the legal questions generated by the presentations of Ratiner and Nordquist. They indicated that the U.S. State Department and Department of the Interior are looking forward to next year's Law of the Sea conference for guidance. Ratiner expressed concern over the possibility that U.S. defense and economic interests will pre-empt mining interests during the negotiations. Nordquist summed up the current political mood by saying, "Uncertainty is probably the hallmark of the existing legal and economic circumstances regarding the mining of manganese nodules in the deep seabed".

Presentations by Mero and Kaufman reinforced belief that the technology needed to develop a commercially feasible mining recovery and processing system is close at hand. But they warned that evolution of a large-scale mining operation will be retarded until firm international agreements provide the miner or his banker with the type of security they are accustomed to having on land.

On the second day of the workshop, much time was devoted to identifying problems associated with the exploration for manganese nodules, their recovery, and their use. Possible solutions were synthesized via a technique developed by André Delbecq, known as "the nominal group process for problem identification". Although this technique was developed for evaluating problems of a sociological nature, it worked well at this workshop. Briefly, this is how the workshop was structured.

Each interested conference member was assigned to one of seven workshop teams most closely related to his specialty. Each team then attempted to identify solution components and accompanying resources necessary to deal effectively with the specific question posed to the group. Finally, at the end of the workshop period, a representative from each team reported his team's suggested solutions and resource needs during a panel discussion.

According to many of the panel members, the greatest barrier to the establishment of large-scale mining operations are legal and political in nature. The team dealing with this specific aspect of ocean mining recommended that *national* jurisdiction of ocean seabeds be distinguished from *international* jurisdiction by deriving a generally acceptable definition of the legal term "territorial sea". In conjunction with this, it was recommended that a global ocean administration be constructed with exclusive jurisdiction for licensing resource exploitation in international waters.

Informed observers expect a great deal of activity in this young field of ocean mineral resource exploitation during the next few years. Many view Hawaii's future role as a vital one, because of its ideal geographical location in the heart of the Pacific and the fact that the deposits richest in nickel, copper, and cobalt are relatively close to Hawaii.



Chave Guides New Journal

The first issue of an international technical journal, Marine Chemistry, has been issued by the Dutch publishing house, Elsevier. Editor-in-Chief of the new journal is Keith Chave, Sea Grant investigator and chairman of the UH oceanography department.

The journal will carry reports of studies concerning all chemical aspects of the marine environment. Robert Garrels, who occupies the Captain James Cook Chair of Oceanography at the University of Hawaii, is co-author of an article in the first issue, "A quantitative model for the sedimentary rock cycle".

Rabbitfish Culture Explored

From November 1 through 6 Coconut Island will be the site of a workshop on research and development necessary to advance aquaculture methods for rearing rabbitfishes. These animals occur in the Pacific and the Indian Ocean. They are highly prized as foodfish and said by some to excel mahimahi in taste appeal. Inasmuch as they are algae feeders, and thus at the base of the food chain, they are desirable fish for culturing.

Some pilot experiments to spawn rabbitfishes in captivity have been successful. Researchers now wish to pool resources to finish what needs to be done to put such ventures onto practical footing as soon as possible, and to explore how to obtain funds for this purpose. Inasmuch as parties interested in rabbitfish culture are as far-flung as from Noumea to Israel and from Hawaii to Singapore, joint funding by various national, international, and private sources may well be most appropriate. Such funding also implies a well organized division of tasks and labor and requires, even in the planning, the presence of interested parties from many regions. It is hoped that this first workshop will include representatives from Singapore, Fiji, the Trust Territories, and Hawaii.

PRAWN PROGRAM PAU*

Ten participants, representing Malaysia, Thailand, Cambodia, Tahiti, Mauritius, and the United States, have successfully completed an intensive four-month training program in the culture of the giant Malaysian prawn, *Macrobrachium rosenbergii*. The program was sponsored by the East-West Center Food Institute and the Mekong Committee of the Economic Commission for Asia and the Far East (ECAFE) and coordinated by Barry H. Hill and Donald G. Green of the Food Institute. Cooperating institutions were the Hawaii State Department of Fish and Game, Fish Farms Hawaii, Inc. of Maui, the Hawaii Institute of Marine Biology, the Department of Animal Science, and Oceanic Institute.

Beginning on June 15, 1972, and ending on October 5, the program included training in larval culture, pond management, and engineering problems, accomplished at the Anuenue Research Station of the Department of Fish and Game at Sand Island, under the direction of Takuji Fujimura, who originated mass-culture work with the Malaysian prawn. The participants studied field management of a prawn farming operation under Kenneth Kato at Fish Farms Hawaii.

The Hawaii Institute of Marine Biology provided a week's instruction in shrimp nutritional problems, intensive phytoplankton culture, and shrimp taxonomy. Oceanic Institute at Makapuu was the site of an additional week's activity in which the participants learned techniques of induced spawning in the grey mullet, *Mugil cephalus*, cultured phytoplankton from sugarcane waste, and were introduced to a variety of problems in aquaculture through numerous seminars. Shrimp disease problems were covered by the UH animal science department.

A follow-up conference is planned in one year in an Asian country. Requests for implementation of a second program have been received from the Trust Territories, American Samoa, and Fiji.

*Pau is Hawaiian for "it's finished".

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(Continued on page 6.)

Lava Ponds (continued)

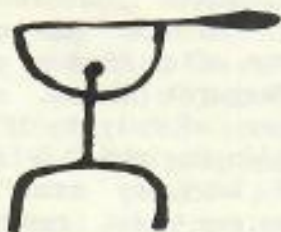
Features that distinguish the lava ponds include mixohalinity (dilution of seawater with percolating groundwater), fluctuation of surface levels with the tides, and some underground connection to the sea. Biota are not very diverse, but the colonizing species are unique and appear to be descended mainly from marine ancestors. Fauna consists of a few mollusks, worms, fishes, (including a rare moray eel, *Gymnothorax hilonis*), and several crustaceans.

The most characteristic animals are the small red shrimp, *Halocaridina rubra* or *opauala*, and its predator, *Metabetaeus lohena*. The most unusual animals are the recently discovered shrimps and amphipods that do not yet have scientific names. Some of them have degenerate eyes and weak pigmentation, indicating they have adapted to subterranean (hypogeal) life. This kind of adaptation suggests that lava ponds are only surface exposures of underground water, extensively interconnected by small fissures in the lava. Some animals apparently live in deeper recesses and migrate through the interstitial water.

Additional Friday afternoon zoology seminars have been announced, as follows:

November 17: Greg Ahearn (HIMB), "Integumentary transport and metabolism of exogenous D-glucose by a polychaete worm".

December 1: Robert May (HIMB), "Effects of temperature and salinity on the eggs and larvae of the scianenid fish, *Bairdiella icistia*."



Kamalii o Kai

Cruise Aboard TERITU

On October 27 and 28, four orientation cruises were held for students from various Oahu high schools on board the University of Hawaii's research vessel TERITU. The students, from Pearl City, Kailua, Iolani, Punahou, St. Francis, Kaimuki, and Kalani, were members of Kamalii o Kai (Children of the Sea).

During the three-hour cruises, similar to those conducted in Maui and Hawaii aboard the MOE IPO, several instruments used to gather data and samples for study were demonstrated by Department of Oceanography graduate students Jim Vansant and Phil Lambertson. Assisting them were Barry Hill, Director of the Marine Option Program (MOP) which sponsors Kamalii o Kai; Gordon Yamasaki, a graduate of MOP; and Alan Hong, a current MOP student and advisor to Kamalii o Kai. The students were also given the opportunity to help with the operation of some of the equipment and the collection of biological samples.

THE KEEL ROW

The KANA KEOKI

...will depart November 7 for Suva, Fiji. Chief Scientist aboard will be Stephen Hammond (HIG). The ship is expected back about November 30.

On this leg the KANA KEOKI will proceed to a point south of the Hawaiian Islands and then turn east, primarily to run a magnetic survey over a section of relatively undisturbed sea floor between the Molokai and Clarion fracture zones. Using existing magnetic data plotted along previous tracks, together with the data collected. This month, it should be possible to recognize the signatures of specific anomalies and adjust the ship's tracks appropriately. The objective of the survey is to extend the known anomaly sequence in the north central Pacific westward beyond anomaly 32.

(Continued on page 7.)

Advisory Service Adds Specialist (continued)

the catch-all rubric "coastal zone management". The term has been loosely applied to many concepts, from theoretical studies hypothesizing the patterns of energy flows in the interface between the sea and the land, to specific mechanisms for ranking priorities and the need for establishing operational agencies in regulating the human uses of this environment". Rutka prefers the title, "Advisory Generalist in Coastal Affairs".

Rutka has co-authored a report, *Spheres of Influence in Hawaii's Coastal Zone, Vol I: Federal Agency Involvement* (to be printed soon). He is currently drafting a parallel, follow-up report presenting an overview of state agency programs and authorizing statutes as they affect developments in Hawaii's coastal environment. Taken together, these reports are intended to serve as focal points for coordinated coastal planning efforts at the state level.

Concern for coastal zone management planning has recently been highlighted by the National Coastal Zone Management Act, which President Nixon signed into law in October.

Nearly three years of debate, public hearings, and federal executive department and congressional committee squabbles preceded passage of the act. It authorizes \$9 million for fiscal year 1973 and \$39 million annually for FY's 1974-77 in grants to assist states in developing and administering programs for managing coastal areas.

Rutka views the act as having tremendous implications for the island State of Hawaii. "As a condition of federal funding, the state will have to demonstrate that it possesses the capability to develop and implement a truly comprehensive coastal zone management program, taking into account a broad spectrum of interests and all levels of government. In addition, a single internal organization at the state level will have to be designated as a contact point for the Commerce Department (NOAA) charged with administering the program. Recognizing

that conditions of the coastal environment and political forums active in its regulation vary among states, considerable latitude will be allowed states to develop their own administrative structures." According to Justin, the most important provision of the federal act is that full opportunity for public involvement in the planning process will have to be provided.

To meet the spirit of this obligation, Rutka has started a newsletter, the *Coastal Zone Communiqué*. He considers it "an initial medium of informing the public on the general issues of coastal zone management". Rutka believes it is especially urgent for the users of Hawaii's coastal environment to become informed, since subsequent state legislation may be necessary to qualify Hawaii for federal planning assistance. Since the possible enactment of state coastal legislation could set the pattern of shoreland development or non-development for years to come, it is imperative that diverse citizen group views be reflected, as the ultimate test of federal programs is what happens in the local communities, according to the new Advisory Services Specialist.

Rutka received a B.S. degree from the University of Illinois in 1965, and an M.S. degree from the University of California at Berkeley in 1967. In addition, he is a 1971 graduate of the Master of Marine Affairs Program developed at the University of Rhode Island. Unique in the U.S., the MMA Program provides strong interdisciplinary focus on marine policy problems at the local, state, national, and international levels.

Rutka suggests that he was hired to meet the full spirit of federal law which prohibits job discrimination on the basis of sex. His appointment followed soon after that of an ocean engineer, Margaret Lucas. (See Sea Grant Newsletter of July 1, 1972 - "Sea Grant Staff Adds Engineer".) "Now we have a balanced advisory staff; brains and beauty on one side, brawn and perseverance on the other", says Rutka.

KEEL ROW (continued)

The ship will then proceed to a location at about 7°N latitude, 149°W longitude, near the westernmost extension of marine geological and geophysical investigations recently completed by the German research vessel VALDIVIA. There will be a stop for camera, piston-core, and heat-flow stations. A dredge haul will be made if bottom conditions warrant it. The objective here is to ascertain the presence or absence of manganese nodules or encrustation, to sample either if present, and then to extend the VALDIVIA's survey westward on the subsequent ship's track to the next principal area of study, which lies on the western flanks of the Line Islands ridge between the Canton trough and the Line Islands.

Several characteristics of this Line Islands area, will be studied. The research party expects to augment bathymetric, reflection profiling, and piston-core data of the region, so that synthesis of data and interpretations will best define the local and regional trends of the bathymetry, lithofacies, sources of calcareous turbidite channel deposits, stratigraphy, and structural geology. An attempt will be made to determine the origin of ridges within the region, and to investigate the probable occurrence of down-slope movement of sediment on their slopes by the use of dredge hauls and bottom photography.

A series of piston-core stations are planned for the purpose of completing a paleomagnetic stratigraphic and tectonic analysis. Relative motion between the sea floor and the magnetic dipole field of the earth can be detected if a sufficiently long interval of undisturbed sediments can be recovered. A new, but tested, core-orienting device will allow elimination of any disturbances caused by the coring operation itself. In addition to the tectonic aspect of the paleomagnetic study, the stratigraphic information gained will complement similar studies which extend across the western equatorial Pacific through the central basin to the Ontong Java Plateau.

Heat-flow measurements will be made at every coring station via the forward winch. The principal objective of this effort is to obtain data in areas which lack sufficient coverage.

ASPER runs will be made whenever bottom conditions are suitable. If possible, extension of several of these lines will be made by using explosives. A total of 16 to 20 ASPER runs are anticipated.

The TERITU

...will be doing deep-sea trawling November 3 - 7 off Makaha. The scientific party aboard will include Chief Scientist Richard Young (oceanography and HIMB), John Walters (oceanography), Steven Amesbury (zoology), Sherwood Maynard (oceanography), and Paul Jubinisky (oceanography). This is the last of a series of trawling operations in different depth zones, completed over a two-year period. The party will be seeking midwater organisms, using an opening-closing Tucker trawl.

On November 11, students in an aquarium management course will cruise to Kahe Point aboard the TERITU for field work in methods of collecting marine specimens. Edith (Deetsie) Chave, instructor of the new Sea Grant-sponsored course, will be chief scientist on this one-day cruise.

UH-DPED Conference Set

Dean John Shupe (College of Engineering) will give the welcoming address at an aquaculture conference November 9 and 10 at the Princess Kaiulani Hotel, sponsored by the UH Center for Engineering Research and the State Department of Planning and Economic Development. Other UH speakers include John Bardach (HIMB Director), Thomas Stuart (Office of the Marine Affairs Coordinator), Gordon Trimble (Continuing Education and Community Service), Chennat Gopalakrishnan (Agricultural Economics), Philip Helfrich (HIMB Associate Director), Blaine Bradshaw (Community Resource Development), Peggy Lucas (Sea Grant Advisory Specialist), and Barry Hill (Marine Option Program).

SEA GRANT PUBLICATIONS

In production:

Spheres of Influence in Hawaii's Coastal Zone, Vol. I: Federal Agency Involvement (UNIHI-SEAGRANT-AR-72-03). Justin Rutka and Chennat Gopalakrishnan.

Medical Measures in Diving Accidents (Chart, 2 sides).

In press:

Hawaii Fish 'n Facts Information Sheet Number 169: *Sport Fishermen's Guide to Holding and Freezing Fish*. Kirby Hayes, William Schumacher, and Curtis Wilder.

In print:

Longer Life for Nehu. Wayne Baldwin, Jeanette Struhsaker, and Gerald Akiyama (UNIHI-SEAGRANT-MS-72-01A). 24 pp.

Hawaiian Shallow Marine Sand Inventory: Part 1. Introduction and Part 2. Aka o Laka Sand Deposit, Kaneohe Bay, Oahu (SEAGRANT 69-1. Also HIG-69-10). Ralph Moberly, Jr. and J. Frisbee Campbell. 24 pp. Re-issued.

In print (continued)

Economics and Market Potential of the Precious Coral Industry in Hawaii (UNIHI-SEAGRANT-AR-71-03). Kok-Kian Poh. 22 pp. Second Printing.

Hawaii Fish 'n Facts Information Sheets Number 166, 167, and 168: *Why Fish Spoil, Coming, the Wholesome Fish Act, and Fish Smoking and Drying by the Sportsman*. Kirby Hayes, William Schumacher and Curtis Wilder.

Costs and Earnings of Tuna Vessels in Hawaii (UNIHI-SEAGRANT-AR-72-01). Abu Ekram Ahsan, John L. Ball, Jr., Jack R. Davidsoh. 22 pp.

Soil Salinity Problems in Shoreline Areas of Hawaii (UNIHI-SEAGRANT-AR-71-01. Also Cooperative Extension Service Circular 462). S.A. El-Swaify, Wade W. McCall, and S. Sinanuwong. 12 pp.

A Preliminary Study of Ocean Waves in the Hawaiian Area (SEAGRANT 69-2. Also HIG-69-16). Francis P. Ho and Lynn A. Sherretz. 36 pp. Re-issued.



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Honolulu Advertiser, Dec 2, 1972

commission probes possible protection for green sea turtles

By JOHN KNOX
Advertiser Staff Writer

Should there be a law against catching green sea turtles and selling their meat for restaurant food or their shells for tourist curios?

The State Animal Species Advisory Commission battled that question around for three hours yesterday, but postponed a decision on whether the big turtles are an endangered species.

However, commission members and scientific experts present did agree research is needed to determine whether commercial fishing is a threat to the turtle population. They approved a motion to ask the Legislature for research funds.

The commission could not decide whether to recommend partial or total protection for the turtles while the proposed three-year study is undertaken. Members appointed a subcommittee to explore that question further over the next month.

HAWAII'S GREEN sea turtles form a distinct local population which drifts up and down the Island chain. They rarely come up to shore on the populated islands, but their breeding grounds at French Frigate Shoals are the largest green sea turtle hatchery in the United States.

The adult turtles average about 275 pounds, and giants of 500 pounds are sometimes caught. It's believed they live to be 150 years old.

Two marine-science experts told the commission yesterday

there is good reason for immediate turtle-fishing controls.

"I don't think we have the luxury of time that some might think," said Eugene Kridler, local wildlife administrator for the Federal Bureau of Sport Fisheries and Wildlife.

Kridler said his agency protects the turtles' breeding grounds in the leeward islands, but he said such protection would mean nothing if adult turtles are killed before they can breed.

He estimated commercial fishermen last year killed about 270 turtles. "The entire adult population is probably in the low thousands," said Kridler.

Michio Takata, director of the State's fish and game division, said his agency has no way of knowing how many additional turtles were killed by sport fishermen or divers.

GEORGE BALAZS, a research biologist with the Hawaii Institute of Marine Biology, told the commission that

many other states or Pacific nations have passed laws protecting the turtle. The only Hawaii law now on the books, he said, forbids the shooting or spearing of turtles when they are killed for commercial purposes.

He particularly praised a one-year-old Tahiti law that allows local people to hunt and eat turtles, but forbids any slaughter of wild turtles for commercial purposes.

Seconded Kridler, "It's a shame the amount of animals taken just for their shells."

Some commission members agreed that the turtle population seems to be on the decline, but others said long-range studies are needed to justify restrictions on fishermen.

Dr. Alan C. Ziegler, a Bishop Museum zoologist, said the increasing numbers of turtles being caught by local fishermen could reflect a surplus of turtles. He said he could not agree to restrictions until such questions are answered because "I can't do this to the commercial fishermen."

do Hawaii's turtles need protection?

See Page B-1

green sea turtles

ON ANOTHER matter, the commission endorsed the circulation of posters urging preservation of the Hawaiian crow, a Big Island species with only 23 known survivors. Commissioners suggested the poster be reworded slightly because its present focus on hunters might produce a "backlash" effect among some hunters.

Bill Mail, acting president of the Hawaii Audubon Society, suggested similar posters about all endangered bird species. He said the Audubon Society might help finance the educational effort.

At the meeting's close, Takata briefed the commission on State Administration legislative proposals for 1973. One of these would change a law which now permits anyone to harvest coral from any area. The State Department of Land and Natural Resources wants the authority to keep certain reef areas off-limits to coral collectors.



NOW SEE HERE—Mark Schroeder talks a few things over with one of the baby green sea turtles used in experiments at Coconut Island.—Photos by John Titchen.

Entire Community Becomes a Classroom

By Dianne Armstrong
Star-Bulletin Writer

Pony Ellingson and Mark Schroeder ride to school in a boat.

Keala Pease goes to school in a corn field.

Roberta Pang is studying at the dog pound.

They are all Kailua High School students who along with 49 other Kailua juniors and seniors are part of a program which has turned the community into a school.

The program is called Community Quest.

AND UNLESS a student chooses otherwise—and many of them do—Quest is the extent of his schooling.

Although still enrolled as students at Kailua, Quest participants need only be enrolled in that program. They are taken out of the regular classroom and school courses.

Students receive equivalent credits towards graduation and are assigned work to meet graduation requirements in English and social studies.

"The feeling is that the community is really a good school and a student can get as good an education out in the community as he can in the regular classroom," said Sam Young, the Kailua High administrator who coordinates the program.

The Quest program was developed with the help of Ted Brameld, an innovative education consultant with the University of Hawaii College of Education.

Brameld found businessmen and agency officials in the community who would be willing to become teachers and turn their work areas into a classroom for students.

THERE ARE 20 community classrooms called learning stations on Oahu. The students at the learning stations participate in activities as if they were part of the operation.

And in most cases they do become part of the operation.

For example:

At Bishop Museum students have been cataloging bats.

At the Hawaii Institute of Marine Biology at Coconut Island the students work with scientists to develop the most nutritionally valuable food for raising shrimp commercially.

At a University agriculture experimental station in Pearl City the students are growing vegetables organically.

At the Hawaiian Humane Shelter students help catalog pets, make out dog licenses, help with programs for visiting school children and inform pet owners about lost animals.

THE STUDENTS in the program represent a cross section of the student body—from potential National Merit scholars to former potential dropouts.

They were selected by a democratic process. Aspiring participants signed up for the program and the actual participants' names were drawn from a hat.

Students in Quest are required only to participate in the activities at their learning station—about four hours a week. But some also take courses at Kailua. And a couple not only take courses at Kailua but belong to two learning stations.

Students actually spend four to 16 hours at their stations.

The students receive letter grades for their work. University graduate students who act as interns at each learning station see to it that students complete some type of equivalent work to meet the English requirements for graduation. Requirements for social studies are easily met because of the nature of the program, Young said.

Students can change stations quarterly or extend for the year.

MOST OF THE students in Quest decided to give the program a try because they were tired of the classroom.

"I used to be sitting in the classroom just reading a lot of books but now I'm doing it for real," said Mark as he fed some turtles at Coconut Island.

Mark and Pony explained the experiment which they are working on at the Institute there. Their explanation and general knowledge about the marine life in the lab was impressive.

How much of it had they known before?

"Nothing," Mark said. "We didn't know anything about this."

THE SAME HELD true at the other stations where students were visited.

At the agriculture experimental station in Pearl City, three young ladies were up to their ankles in mud hoeing rows in which to plant lettuce, beans and the like.

Patty Wagner and Kesla said they were both tired of the traditional classroom so decided to go into Quest. Neither knew anything about organic gardening, which is the point of that station, when they started.

Jay Siska, the intern at the agriculture learning station, said the students at all stations enjoy Quest because "they can see it.

"THEY TAKE A premise and they watch it build to the ending," Siska said.

"When we started this we didn't know what the community would think," he said. "That's because most educators think education comes from books."

When Roberta and Nancy Erger started at the Humane Shelter they had no idea that it wasn't a State-run agency. Now they know differently.

And they also know how often pet owners abandon animals, how long animals are kept at the shelter, how to tell if an animal is sick and many other related types of things.

All of the students said they would not be anxious to return to the traditional classroom full time.

"WE'RE VERY happy with the way things have been going," Young said.

"And there are loss of things about this program that are difficult to evaluate in conventional education terms," he said.

For example, the students have developed a real community of their own. "We call it a learning community," Young said.

One mother told him that her shy child had suddenly blossomed since being in Quest. "She said he's always on the phone now finding out where his group is going to meet, what they want and should do next."

ANOTHER STUDENT dropped out of Quest because after working at a learning station he discovered that he needed to go back to the regular classroom and bone up on some subjects which previously held no interest for him, Young said.

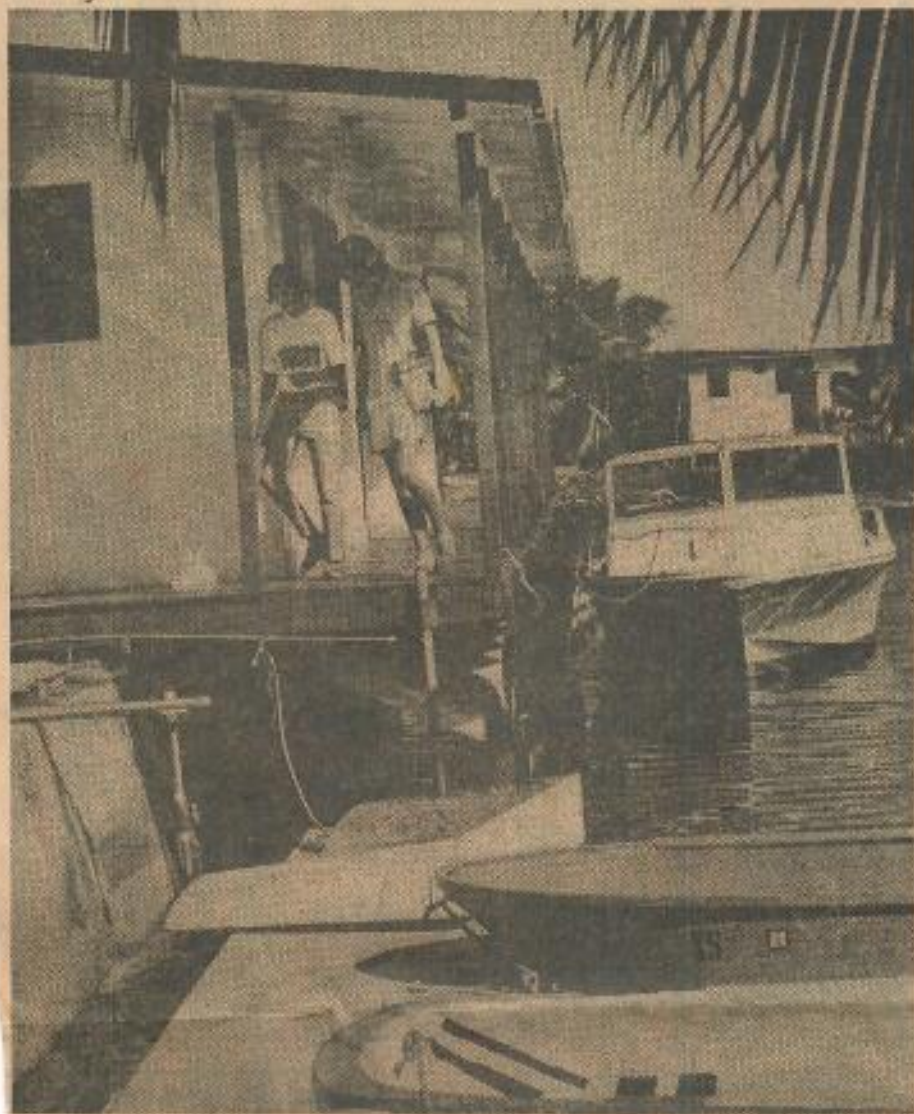
"So far," Young said, "everything has been positive."

"Our big problem is transportation. We'd like to work something out on that because we have students traveling to learning stations all over the island."

The other problem Young sees is the need for more learning stations. Kailua would like to increase the number and the variety of experiences now offered.



HOE DOWN—Keala Pease, left, and Patty Wagner prepare their garden for organic-grow vegetables at a University experiment station in Pearl City.



GREAT APPROACH—Mark Schroeder, left, and Pony Ellingson take a boat to school.

Late November 72

1972



ALALA
(HAWAIIAN CROW)

Advertiser Sketch

The Hawaiian crow: on edge of extinction?

Hawaiian crow becoming scarce

The State Animal Species Advisory Commission will meet Friday to consider the plight of the endangered Hawaiian crow, which lives exclusively on the grassy uplands of Kona and Ka'u on the Big Island.

A recent wildlife survey found only 23 remaining crows in their native habitat, and the commission wants to know why the once-common crow, also called the alala, is not reproducing.

Commission member Alan Zeigler said Hawaii has lost 25 species of birds to extinction in this century. More than half of Hawaii's remaining species are high on the national list of endangered birds, he said.

Dr. Zeigler, a vertebrate zoologist with the Bishop Museum, said the State Division of Fish and Game has done a commendable job of protecting local bird life. But members of the commission believe some action must be taken now to study and save yet another Hawaiian bird heading towards extinction.

THE COMMISSION WILL MEET at 1 p.m. Friday in the Lieutenant Governor's conference room on the fifth floor of the State Capitol. The public is invited.

The 10-member commission also will recommend a study of the Hawaiian hawk, another endangered bird. Zeigler said the hawk does not face "immediate extinction" but that research now could prevent the hawk population from reaching "the critical stage."

Another item on the commission's agenda is the green sea turtle, a common seafood delicacy.

"There are no restrictions on catching green sea turtles here and we are curious to know how they are doing," Zeigler said.

"The turtle is an endangered animal in other parts of the world. We want to know if certain precautions are necessary to insure its continued existence here."





*Judi Kay models an elaborate
Spanish comb.*

Originally, the combs were only used for wedding ceremonies, Mrs. Laca said. "Now, everybody can use them."

Crowned with a Comb

By the Star-Bulletin Staff

Long hair blowing in the breeze, caught just at the back of the head with a "Tahitian" comb is a familiar sight in Hawaii.

Girls can twist their hair and pin it up with the comb or just pull the front hair out of their eyes. And while it is an ornament, the comb is still useful for on-the-spot grooming.

Tatsuko Hino of Hino's Hairstyles and Wigs claims that she was the one who introduced the combs to the Islands about five years ago. She noticed them on a buying trip to New York City and "started a fad" in her Ala

Moana salon.

Although they look very much like real tortoise shell, Mrs. Hino explained that none of the ones she sells—from the simple Tahitian comb for \$4.99 to the large rhinestone-studded Spanish combs for \$45—are the actual tortoise. They are all plastic.

"A lot of people want the real tortoise," she said, "but they can't pay. It's too expensive. It is going to be a collector's item."

Strong conservation moves are being made in some of the South Sea countries which produce tortoise, and the export of shell items has been banned. As a result, the price of tortoise shell still on the market is going up.

Mrs. Hino said she has one conventional hair grooming comb, about 8 inches by 2 inches, in real tortoise shell which she has taken home to save. It would sell for \$50.

"I have some barrettes I am selling for \$10. I didn't realize how valuable they were," she added. "I saw them in Disneyland for \$18, \$20 and \$25."

At Philippine Handicrafts, an import store also in Ala Moana Center, there is an equally impressive array of tortoise-type combs of every shape and size.

The Spanish were the ones who introduced their combs to the Philippine Islands when they ruled that part of the world, Pat Laca, assistant manager of the shop explained. And, according to her, the Polynesians, Tahitians included, borrowed the style from the Spanish.



The "Tahitian" comb.

Favore

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Hank Vasconcello
holds both positions
es classes in phys-
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his teaching position
Dr. Snyder said th
til such time as th
iversity of Hawaii
to pay adequately
athletic director and a foot-
ball coach, it will be nec-
essary to have one person
serve in a dual capacity.



reater Faculty epresentation n BAC Looms

Laurence H. Snyder, president of the University
wail, is in favor of changing the setup of the school's
of athletic control.
rrently, the board is composed of three faculty
bers, three students, and three alumni.
y Snyder told the Quarterbacks Club at yesterday's
eason meeting at Elliott's Chuck Wagon that he prefers
ard made up of five faculty representatives, two
nts, and two alumni.
e said he would recommend such a setup to the
d of regents.
member of the club asked Dr. Snyder if it would
e better to eliminate the students entirely.
e replied that he believed in democracy and toward
end students should have some representation on
board.

ET IT'S ON

Bowling \$2.30 per week. Liberal

Aloha Turtles Go to Canada

Two Waikiki residents
moved to Calgary, Alberta,
over the week end to spread
Hawaiian aloha around the
inland capital city.
They are two marine tur-
tles, lately of the Waikiki
Aquarium, which were flown
to Calgary on request of the
director of Calgary's aquar-
ium.
Spencer Tinker, local
aquarium director, said the
travelers flew on their backs,
crated to prevent their bang-
ing around. They left here
Saturday night by Canadian
Pacific Air Lines.

Long's
MOVIE SCREEN
40" x 40" Banded Glass screen
on stand. \$17.95 Value.
9.95

KODAK AUTON
Amazing electric-eye
you correct exposure
[set aim and shoot!]

**CAMERA DEF
SPECIALS**

This romantic Oriental musical in-
strument is faithfully reproduced
as a complement to your Mr. Elg set

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Advertiser Photo by Charles
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tall stories from fishermen

By BRUCE CARTER
Advertiser Fishing Writer

Some of the fishing stories that reach my ears are priceless. Here's some widely different gems that occurred last week in local waters.

Dave Soltage on Aukaka hosted a group of members from Fort Shafter's Tuna Diving Club arranged by Maj. Pete Clifford. Included in the group was veteran diver-instructor Dennis Kirwin.

RETURNING Sunday across the glassy waters of Mokuauia Channel, they stumbled on a school of small mahimahi—the water blue with



FISHING bruce carter

hundreds of fish. But, although they tried every lure on board and chummed till exhausted, the fish would not hit.

So, what do these characters do—they don't diving gear grab their sling guns and go after the fish in their native habitat. And the first-

ly worked. The fish were not in the least frightened by the divers and stayed so close they were able to spear four, weights averaging seven to eight pounds.

IT'S GOOD to see that the spirit of "Bring-Em-Back Alive" Frank Buck is not dead yet.

Then there was the series of sensational turtle catches made by Melvin Tyau whom I haven't seen since the old days when I used to eat fish sandwiches for lunch in the Waterfront Cafe—recently demolished on Ala Moana.

Tyau is an ardent surfcaster but in recent weeks has hit a series of sizeable turtles instead of ulua. Fishing off Waimanalo, he has landed four turtles on his last six outings. Weights ran 25, 60, 35 and 21 pounds—all daught of conventional surfcasting gear, except he was using an open mustad hook instead of the usual closed oto hook.

The Sunday Star Bulletin & Advertiser (Honolulu)

2 November 1969

D:6

TURTLE POND—This is Pahona, the only known turtle pond on Oahu. "Honi" is the Hawaiian word for turtle. In the background is Manana or Rabbit Island. — Photo by John Hitchen.

Waimanalo Pond Recalls Chief's Special Delicacy

If fish can be kept and fattened in ponds until they're ready to eat, why not turtles?

This question was answered in the affirmative by a Hawaiian chief whose name has been lost even to legend, but whose love of turtle meat has not been forgotten.

The chief is remembered because Pahona, the pond he ordered built, can still be seen in the shallow waters off Waimanalo Beach, near Kalana Beach Park.

The pond is 500 feet long, 50 feet wide; it was constructed of low rocks to form a semi-circular enclosure off the shore.

THE STORY says that the chief ordered every turtle caught by fishermen to be put in the enclosure. No one but the chief, and presumably his friends, were allowed to eat of the turtle meat, under penalty of death.

This edict was in effect until the chief died. Staff Newman, State archaeologist, says that Pahona is the only known turtle pond on Oahu.

Pahona today presents a peaceful scene, marking one small part of the long Waimanalo Beach that many consider the finest beach in the islands.

Offshore are Manana, also called Rabbit Island, and Hahaione Island, its small neighbor. To the rear are the steep cliffs of the Koolau Pali.

PALANI IS the most visible remnant near Waimanalo of the Heavens of 150 years ago but there are many other archaeological remains and places marked by the Hawaiian historical landmarks.

The **Waihana**, there is a street in Waimanalo called Pahona's palace was an island hill pond connected with the sea.

Local **Chamberlain**, a perceptive missionary, visited Pahona in 1808 and described it as a pond with a low wall of rocks around it.

Chamberlain's description is that the pond was built of stones and coral, topped with water, and was used for the chief's special delicacy, the turtle meat.

In the 1800s, the pond was used for the chief's special delicacy, the turtle meat.

In the 1800s, the pond was used for the chief's special delicacy, the turtle meat.

THE **PALANI** is the most visible remnant near Waimanalo of the Heavens of 150 years ago but there are many other archaeological remains and places marked by the Hawaiian historical landmarks.

Sunday Outing



By Harry Whitten

There were heiau and fishing shrines in the area and burial caves in the cliffs.

A marker at Kaunoa Beach Park, across from Sea Life Park, tells about the ko'a or Hawaiian fishing shrines.

It reads: "Ko'a or Hawaiian fishing shrines were the most important of the small shrines in old Hawaii. The first fish of a catch was placed on the shrine as

DIRECTIONS — *Kaunoa Beach Park is on the Waimanalo side of the Shirazers' Beach Club, the Makapuu side of Waimanalo Beach Park. Pahona, the turtle pond, can be seen in the ocean on the Makapuu side of the park.*

RESTROOMS—Yes, at park.

PICNIC FACILITIES—Yes, at park.

NEAREST PLACE TO EAT—Country stores in Waimanalo.

offering to insure continued good fishing. . . Ko'a look like forms of single stones, groups of stones or small ones, and were placed near the water.

The marker for the fishing shrine is on a part of the Kaunoa Lava Flow, which the geologist Harold Stearns says was probably the most recent lava flow on Oahu.

Kaunoa Beach figured in an accident on Aug. 22, 1906 when the liner Mancharia ran aground on a reef of stones. This accident hastened the building of the lighthouse at Makapuu Point, a picturesque part of the scenery for beach-goers.

Waianae Ridge Hike

Onihale, a ridge in the Waianae Mountains near Mokuauia Valley, will be the hike taken tomorrow by the Hawaiian Trail and Mountain Club. . . If it doesn't rain the way it did last Sunday.

The hike is long and arduous for those who go all the way to Onihale Peak; most will quit at various places along the way. Hermon McKeown, the leader, and John Pelt went out to last Sunday's rain to mark the trail.

Hikers will meet at the historic meeting at the main side of the Ilihu Palace grounds, bringing back and plenty of water. They should wear long pants and sturdy shoes.

The afternoon hikers are taking the easy walk through the Ilihu Forest State reservation. Hiking there was by Dr. Pelt, in the end of Koolau Pali, where the Ilihu Forest is located.

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CLOSING LAND DEALS FOR WIDENING OF STREETS

Mauden Campbell, superintendent of public works, is closing more deals for the widening of streets in the city. The better street arrangements have all been made, and Campbell says that as soon as he hears from the county, he will order up the bulldozers and start work in the city. The county authorities are expected to do the widening.

Yesterday deals were closed for acquisition of property needed for the widening of Niagara avenue banks of Lewistown, and property has been secured for the necessary widening at Alapai and King.

NOUOH SAID.

The guests were assembled in the breakfast room when the door suddenly burst open, and in rushed little Willie, staggering under a pile of Christmas gifts. Depositing his treasures on the floor, he rushed to his deoting father.

"I was awake when Santa Claus came last night, dad," he cried.

"Were you, my son? And what was he like?" inquired the parent with a smile.

"Oh, I couldn't see him, dad," said Willie. "It was too dark. But when he jumped into the washstand he said—"

Father (hastily)—"That will do, Willie. Run away and play with your toys."

A dance will be given by the Pacific Bohemian Lodge No. 1, in Odd Fellows hall, Thursday evening, March 10, at 8:30 o'clock. Admission 25c, at the door.

Automobiles, \$4 per hour. We take you home in the best limit for 50 cents around the island, \$2.00 per passenger, less driver. Phone 4.

PRICE \$1.75.

Saves its cost in a week!

W. W. DIMOND & CO., LTD.

Distributors.

THE TURTLE IN YOUTH.

Just as soon as a baby turtle emerges from the egg, if he scuttles down to the sea. He has no one to teach him, no one to guide him. In his curious little brain there is implanted a streak of caution based upon the fact that until a certain period in his life his armor is soft and no defense against hungry fish, and he at once seeks shelter in the tropical profusion of the gulf weed, which heeds within its branching fronds an astonishing abundance of marine life. Here the young turtle feeds unobscured while his armor undergoes the hardening process.

Whatever the young sea turtle eats and wherever he eats it—facts not generally ascertained—one thing is certain, it agrees with him immensely. He leads a pleasant sort of life, basking in the tropical sun and cruising leisurely in the cool depths.

Once he has attained the weight of twenty-eight pounds, which usually occurs within the first year, the turtle is free from all danger. After that no fish or mammal, however voracious, however well armed with teeth, interferes with the turtle.

When once he has withdrawn his head from its position of outlook into the folds of his neck between the two shells, attacking devourers may struggle in vain to make an impression upon him.

HE KNEW.

"Can any little boy," asked the new anchor, "tell me the difference between a lake and an ocean?" "I can," replied Edward, whose wisdom had been earned from experience. "Lakes are much pleasanter to swallow when you fall in!"—Exchange.

The Pacific Commercial Advertiser
8 March 1910 = 7.

The Honolulu Advertiser
14 January 1929 = 1

NEWSPAPER

Published Daily, except on Sundays and Public Holidays

MORNING, JANUARY 14, 1929.

PRICE FIVE CENTS

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Young Crowell.

Youth and Age



She's young, very, and he's old, decidedly. The picture was taken on the beach at Miami, Florida, where "Michael," the tourists' pet turtle, is one of the features of the beach region. He is believed to be more than a century old.—U.P. Photo.

AUTO CROOKS TAKE JEWELS, LOOT; ESCAPE

Shopman Blackjacked
Into Unconscious-
ness; Calls Cops

MAKE GETAWAY IN AUTOMOBILE

Car, Later Deserted,
Found by Police;
Was Stolen

Automobile bandits, in true Chicago style, early Sunday morning sent Honolulu police scurrying about the city in search of a high-powered automobile bearing three men who beat into semi-consciousness a North Panahi St. downtown district storekeeper before rifling his cash register and making away with several thousand dollars worth of jewelry, surprising rings and watches.

The owner of the store at 31 North Panahi St., Sam Hana, who was in the act of closing for the night soon after midnight, he called police, when three armed men burst through the store door of Hana's

STIMSON MAY HAWAII BANKS

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Honolulu Star-Bulletin

HONOLULU STAR-BULLETIN, SATURDAY, JULY 21, 1928

Did Hawaiians Know Of Necker Island? Science Hopes To Find An Answer

Evidences of Polynesian Culture Discovered on Necker
and Nihoa Islands Give Clues to Former Inhabitants

By IRVING CARTWRIGHT

President of the Hawaiian Historical Society

Did Hawaiians know of Necker Island?

This question is being asked by scientists in Hawaii and on the mainland of the United States, and the answer does not seem far off, for definite evidences of Polynesian culture were discovered on Necker and Nihoa islands in June, 1923, by investigators sent there by the Bernice Pauahi Bishop Museum of Honolulu.

While the verdict is being impatiently awaited by the scientific world, let us see what Hawaiian tradition has to say on the subject.

Pale Comes to Hawaii

Pepe, the dreaded fire godless of the Hawaiians, was a foreigner who lived on a mythical floating island in a region known as Kahala. She had sisters and brothers, all demi-gods. Due to the jealousy of an older sister, Pepe and some of her class relations decided to leave their home in Kahala and seek a new home, so they embarked in the famous mythical canoe Hoku-i-aka, piloted by Ka-moho-alihi, an older brother, a demi-god of great power and authority and the highest of shark gods.

The canoe followed a track then to some land northwest of Hawaii named Atai, an island named Moku-kahekehe, one of the brothers, Kani-mai-hai, was left to build the small islet up and make it fit for human habitation.

Pepe carried a divining rod, named Paoh, which would point out to her a new home—stopping next at Nihoa, the rod pointed to Lehiua, and thus she passed from island to island through Hawaii, not until at

ON HAWAII'S NORTHWEST WON



BRITAIN FACES RULE BY LABOR, EXPERTS WARN

LONDON.—The rising tide of labor's sweep toward control of the government is indicated in solemn warnings to the ruling class of Great Britain by J. C. Garvin, in the "Observer," and Herbert Bidderham, distinguished political economist, in the "Times."

Under the caption "Will Labor Rule?" Garvin indicates that Socialism will capture the government, unless, instead of indulging in irrelevant denunciation of the workers, the ruling classes follow the strong policy outlined by Lord Milner.

This policy would provide for the adoption of a strong pro-

power and authority and the flight of shark gods.

The courses followed took them to some land northwest of Hawaii, not at an island named Moku-papaia, one of the brothers, Kave-muhia, was left to build the small islet up and make it fit for human habitation.

Pele carried a divining rod, named Paok, which would point out to her a new home—scopping root at Nihoa, the rod pointed to Laeua, and thus she passed from island to island through Hawaii, not until at last Nihoa on Hawaii was designated as her permanent home.

The Pele traditions are the most ancient of Hawaiian traditions. They clearly state that Pele came to Hawaii from the northwest and touched at islands before reaching Kauai, but not a great distance from it. Moku-papaia and Nihoa are mentioned by name in some Pele traditions.

How could the ancient Hawaiians have the idea that there were small islands northwest of Kauai unless they had been there?

Nihoa

Nihoa is the remnant of a volcanic cone situated in the latitudes 21° 05' 14" N. and longitudes 151° 18' 33" W. about 130 miles from Kauai. It was discovered by Rodgers upon his first visit, being first an Englishman, in command of the trading vessel Iphigeneia. The entry in his log is:

March 13, 1789... at three in the morning, land was seen ahead... This island was the form of a saddle, high each end and low in the middle... was named Bird Island.

(Voyage... John Meares... London, 1790—Appendix p. 1.)

Douglas did not land on Nihoa or mention any inhabitants there. Our expedition found many stone structures and human habitations—evidence of human habitation. We found typical Hawaiian plants and insects closely related to Hawaiian species. Many small areas resembling gardens were seen, and a cave near a large collection of stone terraces had a small supply of fresh water dripping into a small basin in it. The general appearance of the island and a survey of its possible water supply showed that it could support only a few people for a very short time.

Its former inhabitants were probably temporary visitors; its present inhabitants are thousands of birds and insects.

Necker Island

Necker Island is the remnant of a volcanic cone located at 21° 35' 11" north latitude, and 154° 33' west longitude. It was discovered by the celebrated French explorer J. J. G. De La Perouse on November 4, 1791, who says:

"On the 4th of November, 1791, in the evening we made an island which bore west of us four or five leagues. It appeared to be rather inconspicuous... at 8 o'clock in the morning of the 4th of November we were only three leagues from the is-

Garvin, in the "Observer," and Herbert Slobotham, editor of the "Times."

Under the caption "Will Labor Rules," Garvin indicates that Socialism will restore the government, unless, instead of indulging in irrelevant denunciations of the workers, the ruling classes follow the strong policy outlined by Lord Milner.

This policy would provide for the abolition of a strong program of social reform and would grasp with and seize the problems responsible for the labor party's growth.

Garvin indicates that the supporters of the present social system must devote themselves to the enactment of needed reforms or they will be unable to stem the rising tide which is sweeping labor toward control of the government.

standing lava rocks were sometimes piled.

We could see these upright stones which lined the crevices of the hills. They immediately caught our attention.

Stone adzes and squid-fishing stones were found in a cove beside stone bowls, a tub and other stone implements. These should solve the mystery of Necker, as they are characteristic of some cultures. Birds, insects and vegetation similar to those of Hawaii were found there. A very few drops of water seeped from the cliffs, not fit to drink and in a very small quantity.

French Frigate Shoals

The series of reefs and sand islands a hundred miles or so north-west of Necker are generally referred to as the "French Frigate Shoals." They are in the latitudes of 21° 40' 30" north and longitudes 155° 18' west and were discovered by La Perouse a day or so after he discovered Necker Island.

—209, p. 114

The moon, which was almost at the full, gave an great light that I thought we might venture to stand on. Towards half on board we perceived breakers of the cables stretch ahead of the ship.

The Akoolu and the Bourne... at the same instant hauled to port with our heads to the south-southwest. I do not think that our distance from the breakers can be estimated at more than a mile's length.

In the morning, November 3, 1791, we soon perceived an islet or spit rock. I named this detour-point Necker, because it resembles the French Frigate, because it was near anchoring the remains of our vessel.

A voyage round the world J. J. G. De La Perouse—Vol. 1, p. 253

John 179—3 Mile—H. p. 253

Not a splinter of ancient Hawaii. None were seen at the French Frigate Shoals, as the sand islands



Washington Lazes Through Summer Even Old-Time Fourth Forgotten

By JOSEPH R. FARRINGTON
(Special Star-Bulletin Correspondent)

WASHINGTON, D. C., July 4.—Observances of the Fourth of July in the national capital of this country appear from the exuberance of mobs to have descended to a few communally exuberant and many plans. The exuberance with their parades and general merriment for the benefit of the city treasury for the benefit of the city treasury to have fallen into disrepute with the passing of the summer.

To be sure the firecracker trade has never been so good as it has been in the past, but the trade is not so good as it has been in the past. The trade is not so good as it has been in the past. The trade is not so good as it has been in the past.

Even the observance of the Fourth of July has been largely forgotten. The observance of the Fourth of July has been largely forgotten. The observance of the Fourth of July has been largely forgotten.

There is a general feeling of indifference about the Fourth of July. There is a general feeling of indifference about the Fourth of July. There is a general feeling of indifference about the Fourth of July.

Upper right, turtles on Wake Island, French frigate shoals, upper left, young frigate birds, Necker Island, below, eight black-footed albatrosses, Necker Island, below, cross-ships, Necker Island, below, left, young black-footed and Laysan Island albatrosses.

move this issue from the field of Republican controversy. But still, in the reception planned for Johnson, it is expected as something of a political gesture not to be missed at Johnson's visit to his province.

Johnson's visit to his province has been quite as quiet as a mouse in Europe. While in Berlin a low day for the United States has been the day when he got back home to his province.

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of the island and a survey of its possible water supply showed that it could support only a few people for a very short time.

Its former inhabitants were probably temporary visitors, its present inhabitants are thousands of birds and insects.

Necker Island

Necker Island is the remnant of a volcanic cone located at 23° 35' 13" north latitude, and 144° west longitude. It was discovered by the celebrated French scientist J. P. O. De La Perouse on November 4, 1791.

On the 4th of November, 1791, in the evening we made an island, which bore west of us four or five leagues. It appeared to be rather inconsiderable at 3 o'clock in the morning of the 4th of November, we were only three leagues from the island.

"This very small island is little else than a rock of about 600 toises in length, and in height 80 at the most."

"There is not a single tree to be seen on it, but on the top of it is a great deal of grass, the naked rock is covered with the dung of various birds, and appears white, which makes a contrast to the different red spots upon which the grass has not grown. I came to within a league of a league of it, the extremities of it were perpendicular, like a wall, and the sea broke all around with the utmost violence, which rendered it impossible to think of landing. I named it *Isle Necker*."

(A voyage round the world, J. F. G. De La Perouse—Gordon, 1793—3 Vols.—p. 283.)

We found the island much as described by La Perouse without the "great deal of grass." It seems strange that he did not notice the upstanding rocks that form the backbone of the many steep structures we found there, as they were the most noticeable objects that marked the skyline of the island and could not have been overlooked by anyone able to notice grass and kumoo even on rocks. The systematic arrangement would at once suggest the work of human beings—yet La Perouse says the island was uninhabited.

These stones terraced platforms occupied every flat or near-flat part of the island, they were well built, forty-three were in a fair state of preservation and possibly 20 more were badly damaged or had nearly disappeared. Certain characteristics were common to all. For instance, the floor plans were rectangular, the walls and consisted of two well raised terraces.

The corners of these terraces were square, the walls perpendicular and the sides generally very straight. Along the outer walls of the level of the terraces there were generally a row of upstanding lava rocks. At different places on the terraces ap-

to stand on Towaris had an their past) to look in the morning we perceived breakers of two cables length ahead of the ship. The *Asipile* and the *Housside* at the same instant headed to port, with our boats to the south-southwest. I do not think that our distance from the breakers can be estimated at more than a cable's length.

In the morning, November 7, 1783, we soon perceived a sail or sail's rock. I expect this thing would have been the *Pinguin*. Perouse's description of it was near providing the terminus of our voyage.

(A voyage round the world, J. F. G. De La Perouse—Gordon, 1793—3 Vols.—p. 283.)

No explorers of ancient history were seen at the French frigate's point, as the said island seems to be continually changing and we could not climb the rock to the center of the ledge.

Much marine and bird life, fisherfolk, a porpoise, four thousand and more shells, and thousands and more shells and plants.

The expedition obtained very valuable data at Necker. Several of the French riggers, sailors, and spearmen, obtained a number of the animals important to the terminology who resided upon Necker before La Perouse found it in 1791.

Courtship Palace Is Urged in France

PARIS—The marriage of the archbishop of Paris, M. de La Motte and now a high official of the court, to a young girl, a daughter of a Communist leader in the Jacobin Club, is being discussed in France.

The colored girl, who had been mysteriously found in the streets of Paris, and who had been identified as the daughter of a French revolutionary leader, is being discussed in France.

It will be interesting to see whether the girl, who is now being kept in a convent, will be allowed to marry the archbishop.

1.—Access to the hidden treasure of the archbishop's estate is being discussed in France.

2.—The archbishop's estate is being discussed in France.

3.—The archbishop's estate is being discussed in France.

Casey alone seems to imply a small amount of the explorer's trip to Maryland across the Atlantic. The rest of this article being devoted to the history of the expedition, however, is not so much a history of the expedition as it is a history of the expedition.

Even the newspaper that carried the expedition's story in the first place, the *Washington Post*, has not yet published the expedition's story. The expedition's story is being published in the *Washington Post* and the *Washington Evening Star*.

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Woman Admitted to Old Soldiers' Home

WASHINGTON, D. C., July 25.—A woman, Mrs. J. J. [Name], has been admitted to the Old Soldiers' Home in Washington, D. C.

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These being the case, the state legislature will give down the bill to amend the constitution. There will be a hard fight, but the committee on the subject is confident that it will pass.

Thirty-four copies of the report have been received. The committee on the subject is confident that it will pass.

The committee on the subject is confident that it will pass.

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Government Wants Thousand Bedbugs

WASHINGTON, D. C., July 25.—The government has ordered a thousand bedbugs for use in the study of the life cycle of the insect.

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EXPLORE TIBET

HAWAII'S NORTHWEST WONDER ISLANDS

TAFT
DRY L
LAWL

Copyright 1914
by the
United States
Government
Printed and
Sold by the
Government
Printing Office
Washington, D. C.



Hawaiian Monk Seal, Christmas Island, Hawaiian Islands, Summer

Seals on the Coast of the Hawaiian Islands, Summer

THE
DRY LA
LAWLES

Chief Justice
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LONDON—Ham
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Washington Lazes Through Summer

Upper right, turtles on Wetmore Island, French Frigate Shoals, upper left, young frigate bird, Necker Island, below

American Women Can Save Europe

pected. In many respects, the road is as hard as its accompaniment, master, K. J. DeWitt, was the chief treat of the evening. He won the hearts of the audience with his opening number, "Spring's Awakening," which was followed by a marvellously sweet rendering of Gounod's "Ave Maria." In response to an encore, he treated the audience to "The Mocking Bird" with variations so brilliant and fantastic, and betraying such marvellous mastery of the bow, that he almost brought a somewhat indifferent audience to his feet. In his second appearance on the program, he rendered "The Song and Intermezzo" from Mascagni's "Cavalleria Rusticana," which some made incorrect in his earlier thought to be the first number in the entire program. He concluded his treat with Hat's "Cavatina," and was roundly applauded from his delighted hearers.

Japanese strikers' situation were in, but they have a matter and all at-class Japanese market street opinion, invites Maui the advertising k's News.

been used by the W. Ireland, to a K.K. of P. Hall, at Tuesday, Maui will not block over the Ladies' Summer Haku Store.

ennial report of hatless received many important and practice, and aid to the legis three Chinese from Kahului came back, and they were fined \$400 each, Court at June

at Lahaina is required \$10,000 ing been subscribers in Lahaina de- obtain a limited tion to Chas. D. National of Wai

Commercial Re- a new semi-weekly by the Hawaiian King of a coalition eding commercial opening in the Maui papers. It and so profess- on the islands about.

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The entertainment concluded with a jolly round of "Coco" songs in costume by P. E. Lamarratus, which won the old folks some laughing, while the young ones remained to enjoy the dance which followed the regular program.

G. Trimble vs. H. B. Hitchcock.

Easton Maui News: The Republican Committee of Honolulu have passed the following: "Resolved that George Trimble is satisfactory to the people of Honolulu."

Our Deputy Sheriff was ordered by our removed by Capt. A. M. Brown to get in office his pet and boon companion, H. B. Hitchcock.

A Deputy Sheriff should certainly pay his debts, yet we find H. B. Hitchcock's name invariably present in the Delinquent Tax payers' List. This man Hitchcock is also personally responsible to seven-eighths of the Hawaiians and foreigners here.

Mr. Editor, we beseech thee to aid us request Great almighty High Sheriff Brown not to further afflict us. We have Leprosy, Lepra, Lehou Fever, we are poverty stricken, have busted sugar plantations on Maui etc. and now it is proposed to dump Hitchcock upon us, so please ladoo Great Brogo to appoint his pet Hitchcock, Lord of the Isles of Molokai, Kaui, Lehua, anywhere, but leave poor Molokai in peace, and free from further plikins.

169 TAXPAYERS, Molokai, Feb. 25 1933

Five Claims Payment.

W. O. Smith mailed to Governor Dole asking how much of the million dollars for payment of five claims should be in coin and how much in currency, and saying the bonds would be ready this week. He said

traveling party have suffered most inconveniences. However, a sign, says Chief Assessor George H. Quinn, led over \$1,000 to the road work, and a force of men was at once put to work, with the result that by now the road is all right again. The road is in bad shape between Kahala and Kaneohe and there is not a motor drive on the island, thus along this road.

Haarball never is breaking out in Lahaina and the Lahaina Athletic Club are without a better team in the league contest, but as it costs them \$30 a trip to come to Wailuku they may not be able to join the M. A. A. league.

The Maui News is, for obvious reasons, "persona non grata" in Lahaina just now, and nothing but his personal popularity and many valuable qualities, as well as the naturally sweet and gentle disposition of the Lahainites prevented the editor of the News from being mobbed in Lahaina during his recent visit.

Be On Hand.

There will be a special meeting of the Maui Athletic Association on next Monday evening, March 9th, 1933, at 7.30 P. M. for the purpose of electing a vice-president, manager, and a board of directors. Arrangements for the coming baseball season will be also be discussed at next Monday's meeting of the Association.

The new Constitution and By-Laws were adopted at last Monday night's meeting, and are now in effect. The outlook for the coming season is very bright, and there is no doubt but that it will surpass last year's league.

Caught the Turtle.

Attorney Coke tells a good tale on Antonio de Regu, the hustling manager of the Iao Studios which at least deserves the merit of being true.

Recently the manager was driving the attorney from Wailuku to Lahaina, and in the vicinity of Oowalu, the roads had been so washed out by freshets that the party left the road and drove along the beach. At a turn in the beach, a monster turtle, weighing at least 300 pounds was seen ahead of them asleep and sunning himself on the warm beach sands. Antonio pulled up his team and handed the reins to his fare. Dismounting he secured a long rope, crept into the kiawe bushes, and staked his prey, while volumes of rich soup and fat turtle steaks caused the mouth of the attorney to water. When Antonio reached a point opposite the turtle he cautiously emerged from the brush, sent his tartar whizzing through the air with the skill of a scioned squarer, and dropped the noose squarely around the neck of the gigantic saurian. Tightening the noose and tying the other end to a kiawe bush, he rushed out to secure his prize, which never moved. It had been dead three weeks.

NOTICE.

The Annual Meeting of the Maui Chapters of the Maui News & Try Works, Ltd., will be held at the office of The First National Bank of Wailuku, Maui, at seven P. M. on Wednesday, March 11th, 1933.

C. D. LUPKIN, Treasurer.

Notice of Dissolution of Partnership.

Notice is hereby given that the Co-partnership, also knowning between us, the undersigned, H. J. Moon and V. A. Velleusen, carrying on a general merchandise business at Wailuku, Maui, T. H., under the firm name and style of ROYFMAN & VELLEUSEN, was on the 6th day of March, 1933 dissolved by mutual consent, and that the business in the future will be carried on by Roy Hoffman and W. T. Robinson, who will pay and discharge all debts and liabilities and receive all moneys payable to the said late firm.

H. J. MOON, V. A. VELLEUSEN, Wailuku, Maui, March 6th, 1933. Done in presence of: J. L. COKE.

BY AUTHORITY

Tenders For School Houses.

Sealed Tenders for reconstruction of a two-roomed school house at Haku, Maui, to be completed on or before Saturday, April 11th, will be received at the office of the Department of Public Instruction until noon of Monday, March 9th.

Plans and specifications can be seen at the office of the Department in Honolulu, and at the office of W. O. Aiken, School Agent, Paia, Maui. The Superintendent does not bind himself to accept the lowest or any bid.

ALATAU T. ATENSON, Superintendent Public Instruction.

LIMES! LIMES!

Large, Fresh and Finely Flavored

From the Orchard of W. O. Aiken at MAKAHAO.

Carried constantly in Stock at Rodriguez' Store, Wailuku.

Orders taken by mail or telephone at the Ranch.

Ring up or write to W. O. AIKEN, Paia.

A Carload of Money ITALIAN MARBLE, SCOTLAND and AMERICAN GRANITE NEW DESIGNS... REASONABLE PRICES IRON SAFES, WROUGHT IRON FITTINGS WHITE FOR ESTIMATES... BETER WHEN IN HONOLULU AND LOOK OVER THE STAIRS J. C. Axtell 1948-1950 ALAKA St. Bldg. HING AND

1867 HYMAN BROS WITH THEIR THIRTY-FIVE YEARS EXPERIENCE Dry Goods and General Merchandise Business Carry the best Selected Stock... Which They Offer and Sell TO THE PRICES and Terms Most Favorable.

We Fear No Competition SOLE AGENTS for LITTLE JOKE TOBACCO, CAMEO and CYCLE CIG. Orders Will Receive the Best and MOST PRICES

PETALUMA INCUBATORS & FEEDERS OLDEST, MOST SUCCESSFUL AND MOST RELIABLE Self Regulating--Self Venting MIDLAND POULTRY FOOD No. 1. Nursery Chick Food No. 5. Nursery Chick Food No. 2. Growing Chick Food No. 6. Growing Chick Food No. 3. Fattening Chick Food No. 7. Fattening Chick Food No. 4. Egg & Feather Producing Food No. 8. Laying Chick Food

PACIFIC HARDWARE CO. HONOLULU, H. I.

THE MAUI BAZAAR Hawaiian Curios, Ivory Wreaths, Laubala, Hawaiian Manufacture, and Hawaiian Tapes and Koa Calabashes, Hula' N... We Also Receive Articles and Consignments. Order Will Receive Prompt and Careful Attention. K. O. P. HALL BUILDING Mrs. J. K. Kahookole, Business

Say and Thursday by a big cave-in of a deep cut just west of Paowala station. Many tons of earth had to be removed before trains could pass through. A number of smaller slides occurred at various points between Paia and Paowala, but these were quickly cleared up.

Roads Suffer Damage

A number of heavy slides have occurred on the new macadam road through the homesteads east of Paia recently and these caused the storm of Tuesday night to do some damage to the macadam in various places. The hill road near Paowala was also blocked by a big land slide.

All of the roads east of Paia and in the Makawao section, except the small amount of macadamized thoroughfare, have become almost impassable during the past week or so.

(Continued on Page Eight)

Polo Still To Be Played On Maui

Ponies, However, Will Have To Work For Their Living As Cow Ponies—No Fancy Imported Oats For Them—No Inter-Island Contests

Polo will not be abandoned on Maui this year, as had been decided upon some time ago as a war conservation measure. Frank Baldwin, president of the Maui County Fair & Racing Association made this announcement at the meeting of the organization yesterday afternoon.

But the game will probably not be so fast as heretofore, for the reason that the ponies will not be trained on imported feeds as in the past, and maintained in luxurious stables between events. Mr. Baldwin stated that of his 30 head of ponies, 10 have been turned out to pasture and the other ten have been given to the stockmen of the plantations to be used regularly as cow ponies in place of the usual mounts. This, it is believed, will keep the animals in fair condition for playing from time to time.

There will be no tag games, but there should be some interesting contests between local teams, Mr. Baldwin thinks. It has also been suggested that an admission fee be charged to the games, the proceeds to be turned over to the Red Cross.

Wailuku Postoffice To Have Telephone

The Chamber of Commerce yesterday voted to pay the cost of maintaining a telephone in the Wailuku postoffice. With the Draft Stamp campaign on such an important and almost indispensable, it was stated. The postoffice authorities had notified the Chamber that there are no funds by which 2nd and 4th class offices may be supplied with telephones, and that therefore Lahaina, Kahului, Paia, and Wailuku must get their phones some other way or do without. Under a previous administration, it was stated, such phones had been supplied in a few cases through a sort of "juggling with accounts" which can no longer be employed.

A game of basketball between the Kahului "B" team and Wailuku "B" team will be played at the Alexander House Gymnasium, this evening.

board for damages, however, has accrued considerable interest since then.

Modified Race Meet For Fourth Of July

Association Approves Plan For Day Of Sport—Prizes To Be Liberty Bonds—Untrained Horses Only, No Imported Feeds

The Fourth of July race meeting which has been a feature on Maui for more than 20 years will not be suspended this year as had been talked for some time past. This was recently decided at a meeting of the directors of the Maui County Fair & Racing Association held yesterday afternoon.

But the celebration this year will be considerably modified in that it will consist entirely of amateur events and no specially trained horses will be eligible for entry. The National track stables will be locked up and no horse will be permitted to be conditioned there. Aside from the quantity of barley and alfalfa meal contained in mixed feeds commonly used in the islands, no imported feeds must be fed. The aim is to save entirely the special imported feed products with which horses are usually put in trim for racing. Animals not fed accordingly will not be barred.

Tentative Program Approved

F. H. Cameron, chairman of the racing committee of the association, submitted a rough program which pointed out a day of the sport without any of the professional horse racing events.

(Continued on Page Eight)

Turtle Fisherman Making Good Money

Japanese Leave Business To Okinagans On Account Of Superstition—Bad Feeling May Result In Clash

Waimoa fishermen on the Lahaina side of the island are said to be making a profitable business lately in catching turtles along the leeward coast which they sell in Honolulu for 5 cents per pound. Several tons a day are being taken, according to those who have kept track of the matter. The fishing is mostly done with large nets and by diving after the animals.

It is reported that the regular Japanese fishermen have a superstition about turtles which prevents their molesting them, but the Okinagans have no such scruples and are reaping a harvest in consequence. Feeling is growing bitter over the matter, it is said, because the Japanese fishermen suffer the long period of stormy weather, which has interfered with fishing, to be due to the killing of the turtles. A clash between the two classes of fishermen is predicted.

Saturday, May 15, between the hours of 5 and 8 o'clock p. m., has been set as the time for holding the democratic party election of presidential officers and territorial and county committees.

have looked over the list of restricted imports lately published by the War Trade Board. Inasmuch as local Japanese have been in the habit of depending to a considerable extent upon food, clothing, and other articles imported from Japan, the shutting off of many of these products by the new order is likely to prove upsetting.

The subject of the restriction is of course a "meat and potatoes" one, largely, and is made up of articles which the mainland can most easily supply without an obtain suitable substitutes. It will be harder here in the islands. The list in the first issued and is estimated there may be more coming.

It includes most food products except beans and peas, all meat figures.

(Continued on Page Two)

"Hello, Central, Give Me Honolulu"

Balch, Of Telephone And Wireless Firms Planning For Future Wire Connection Of All Islands—Few Years More Will Solve Problem He Believes

Within 5 years Maui, Hawaii and Kauai will be linked with Oahu by telephone is the expressed belief of L. A. Balch, directing genius of the recent Mutual Telephone Company of Honolulu, and manager of the inter-island radio system, now controlled by the U. S. Navy department. The system will be submarine cable, in Mr. Balch's opinion. He does not expect the governmental department to relinquish the radio monopoly following the war.

Mr. Balch, accompanied by Wallace D. Stone, manager of the Mutual Telephone Company, on Maui, this week in connection with the taking over of the Maui Telephone Company's business by his company.

(Continued on Page Eight)

Chamber Not Keen On Tourist Campaign

That the Chamber of Commerce has no funds available from which to pay the \$2000 suggested by the Honolulu chamber of commerce towards the \$20,000 tourist fund now being raised, was the result of a motion made and carried at the meeting held yesterday afternoon.

The Maui chamber was clearly not sanguine of the matter of encouraging tourist travel at the present time, despite the assurances of W. O. Allen, of the promotion committee, that the national government was fully contemplating such travel, and that California today has the biggest crop of tourists on record. Transportation uncertainties and difficulties were the chief arguments against the matter.

GOOD RESPONSE TO LIBERTY LOAN CAMPAIGN

Maui subscriptions to the third Liberty Loan amounted to \$45,103 last Saturday, and the members of the committee are gaining considerably more in their campaign over the island. Chairman C. D. Luffin stated that he expects at least \$10,000 more in subscriptions before the campaign ends on May 31st.

to a flock, in corn. Month's means without the live of sheep products other day's no restriction and in preference to feed as Turkish meats without season, but, last of pork, ducks fresh or preserved, fish and poultry.

Red Cross Work Wanted In France

Men Over Draft Age, With Ability, Who Can Pay Own Expenses Have Good Chance For

Mrs. F. F. Baldwin, chairman Maui branch of the American Red Cross Association has received that competent volunteers with business experience and business draft age, who will pay their expenses, are wanted urgently in France. It is understood that there several persons in Honolulu who considering accepting the offer, there are doubtless many others here as well as in other parts of territory who would be glad to enter without salary, but are in position to pay their own expenses.

Auto Killed Calf Owner Is Fin

John Tetlow, owner of a herd cattle which he is allowed to graze along the road near the electric power station, was fined \$250 for the district court this morning for maintaining a common nuisance. Many complaints have been made about the cattle on the road but it remained for Robt. Muter, Filipino driver for Santos, to get to a calf, kill the animal and strap his car before the matter was taken up by the authorities.

Complaint was made in the case of commerce yesterday to allow cattle which are permitted to graze along the highway. It was stated that considerable damage is being done by such animals on the Lahaina road where they have destroyed young shade trees, planted through the efforts of ladies of the community and the plantations.

BELINSKY RECITAL ENJOYED BY LARGE AUDIENCE

The recital by the noted artist, Max Belinsky, under the auspices of the Maui Music Club given at the Fair Community House in Wednesday evening, was greatly enjoyed by large audience of Maui single lovers. The concert had been postponed from Tuesday evening on account of rain. Mr. Belinsky was assisted to Miss Elizabeth Fiske, pianist.

Arrangement has been made for Mr. Belinsky to play a number of selections at the Wailuku Gymnasium this evening, before he leaves for Lahaina to take the Mauna Kea for Honolulu.

Sheriff Crowell has appointed Sergeant Francisco, special police officer for Haku, Ulumahu, Hanalei, Paowala, and Paia; Eugenio-Roa Juan, special officer for Lahaina district; and T. Kanaka, special officer for Wailuku. These officers are to assist in running down draft delinquents.

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 ...Miss Aaberg skilfully acted as ac-
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 ...artistic work added charm to the
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 ...The entertainment concluded with a
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 ...Mr. Editor, we beseech thee to aid
 ...us request Great almighty High
 ...Shah of Heaven not to further afflict
 ...us. We have Lantana, Leprosy,
 ...Baboo Fever, we are poverty stricken,
 ...have busted sugar plantations on
 ...land etc. and now it is proposed to
 ...dump Hitchcock upon us, so please
 ...induce Great Heavens to appoint his
 ...pet Hitchcock, Lord of the Isles of
 ...Molokai, Kaui, Lanai, anywhere,
 ...but leave poor Molokai in peace and
 ...free from further plagues.
 ...100 TAXPAYERS.
 ...Molokai, Feb. 23, 1903.
 ...Fire Claims Payment.
 ...W. O. Smith called to Governor
 ...Dole asking how much of the million
 ...dollars for payment of fire claims
 ...should be in coin and how much in
 ...currency, and saying the checks
 ...would be ready this week. He also

...traveling public have suffered more
 ...inconvenience. However, a long-
 ...since, Assessor George H. Hunt ter-
 ...minated over \$1,000 to the road board, and
 ...a license was at once put in
 ...work, with the result that by now
 ...the road is all right again. The road
 ...is in fine shape between Lahaina and
 ...Hana and there is not a worse
 ...drive on the Islands than along this
 ...road.
 ...Baseball fever is breaking out in
 ...Lahaina and the Lahaina Athletic
 ...Club are anxious to enter a team in
 ...the league contest, but as it costs
 ...them \$20 a pop to come to Wailuku
 ...they may not be able to join the M.
 ...A. A. league.
 ...The Maui News is, for obvious
 ...reasons, "persona non grata" in
 ...Lahaina just now, and nothing but
 ...his personal popularity and many
 ...lovable qualities, as well as the natu-
 ...rally sweet and gentle disposition of
 ...the Lahainians prevented the editor
 ...of the NEWS from being mobbed in
 ...Lahaina during his recent visit.
 ...Dr On Hand.
 ...There will be a special meeting of
 ...the Maui Athletic Association on
 ...next Monday evening, March 9th,
 ...1903, at 7:30 P. M. for the purpose
 ...of electing a vice-president, manager,
 ...and a board of directors. Arrangements
 ...for the coming baseball season
 ...will also be discussed at next Mon-
 ...day's meeting of the Association.
 ...The new Constitution and By-Laws
 ...were adopted at last Monday night's
 ...meeting, and are now in effect. The
 ...outlook for the coming season is very
 ...bright, and there is no doubt but
 ...that it will surpass last year's league.
 ...Caught the Turtle.
 ...Attorney Cook tells a good one on
 ...Antonio de Rego, the bustling man-
 ...ager of the Ice Station which at least
 ...deserves the merit of being true.
 ...Recently the manager was driving
 ...the attorney from Wailuku to La-
 ...haina, and in the vicinity of Olowalu,
 ...the roads had been so washed out by
 ...freshets that the party left the road
 ...and drove along the beach. At a
 ...turn in the beach, a monster turtle,
 ...weighing at least 300 pounds was
 ...seen ahead of them asleep and sun-
 ...ning himself on the warm beach
 ...sands. Antonio pulled up his team
 ...and headed the reins to his fare. Dis-
 ...mounting he secured a long rope,
 ...crept into the claws bushes, and
 ...stalked his prey, while visions of rich
 ...soup and fat turtle steaks caused the
 ...mouth of the attorney to water.
 ...When Antonio reached a point oppo-
 ...site the turtle he cautiously emerged
 ...from the brush, set his harpoon whiz-
 ...zing through the air with the skill of
 ...a trained vaquero, and dropped the
 ...rope squarely around the neck of
 ...the gigantic saurian. Tightening the
 ...rope and tying the other end to a
 ...kluwa bush, he rushed out to secure
 ...his prize, which never moved. It had
 ...been dead three weeks.

...Notice.
 ...The Annual Meeting of the stock-
 ...holders of the Maui Soda & Ice
 ...Works, Ltd., will be held at the
 ...office of The First National Bank of
 ...Wailuku, Maui, at seven P. M. Wed-
 ...nesday, March 11th, 1903.
 ...C. D. LUFKIN,
 ...Treasurer.
 ...Notice of Dissolution of Partner-
 ...ship.
 ...Notice is hereby given that the
 ...Co-partnership lately existing be-
 ...tween us, the undersigned Edw. Hoff-
 ...mann and V. A. Vetlesen, carrying on
 ...a general merchandise business at
 ...Wailuku, Maui, T. H., under the firm
 ...name and style of HOFFMANN &
 ...VETLESEN, was on the 6th day of
 ...March, 1903 dissolved by mutual con-
 ...sent, and that the business in the
 ...future will be carried on by Edw.
 ...Hoffmann and W. T. Robinson, who
 ...will pay and discharge all debts and
 ...liabilities and receive all moneys pay-
 ...able to the said late firm.
 ...Edw. HOFFMANN,
 ...V. A. VETLESEN.
 ...Wailuku, Maui, March, 6th, 1903.
 ...Done in presence of:
 ...J. E. COOK.
 ...BY AUTHORITY
 ...Tenders For School House.
 ...Sealed Tenders for construction of
 ...a two-roomed school house at Haiku,
 ...Maui, to be completed on or before
 ...Saturday, April 11th, will be received
 ...at the office of the Department of
 ...Public Instruction until noon of Mon-
 ...day March 9th.
 ...Plans and specifications can be
 ...seen at the office of the Department
 ...in Honolulu, and at the office of W.
 ...O. Aiken, School Agent, Paia, Maui.
 ...The Superintendent does not bind
 ...himself to accept the lowest or any
 ...bid.
 ...ALATAU T. ATKINSON,
 ...Superintendent Public Instruction.
 ...LIMES! LIMES!
 ...Large, Fresh and Finely Flavored
 ...From the Orchard of W. O. Aiken
 ...at Makawao.
 ...Carried constantly in Stock at
 ...Rodriguez' Store, Wailuku.
 ...Orders taken by mail or telephone
 ...at the Ranch.
 ...Bring up or write to
 ...W. O. AIKEN, Paia.

A Carload of Monumental
 ITALIAN MARBLE, SCOTLAND
 and AMERICAN GRANITE.
 NEW DESIGNS. FIRE-RESISTANT.
 REASONABLE PRICES.
 IRON SAFES, WROUGHT IRON FITTINGS.
 WRITE FOR ESTIMATES, OR WRITE
 BETTER WHEN IN HONOLULU,
 AND LOOK OVER THE STOCK OF
J. C. Axtell
 1867
HYMAN BROS.
 WITH THEIR THIRTY-FIVE YEARS EXPERIENCE
Dry Goods and General Merchandise
 Business Carry the best Selected Stock for
 Which They Offer and \$50 TO THE 100
 Prices and Terms Most Favorable.
We Fear No Competition
 SOLE AGENTS for LITTLE JOCKEY
 TOBACCO, CAMEL and CYCLE CIGARS.
 Orders Will Receive the Best and MOST PROMPT SERVICE.
PETALUMA INCUBATORS & BATTERIES
 OLDEST, MOST SUCCESSFUL, AND MOST
Self Regulating---Self Venting
MIDLAND POULTRY FOOD
 No. 1. Nursery Chick Food. No. 3. Nurser
 No. 2. Growing Chick Food. No. 5. Grower
 No. 3. Pattering Chick Food. No. 7. Fattener
 No. 4. Egg & Feather Producing Food. No. 8. Laying
Send For Catalogue
PACIFIC HARDWARE CO.
 HONOLULU, H. I.
THE MAUI BAZAAR
 Hawaiian Carols, Ivory Wreaths, Lahaina Ha-
 waiian Manufactures, and Hawaiian
 Hawaiian Topas and Koa calabashes, Hebe's Ne-
 Sticks as Napkin Rings, etc.
 We Also Receive Articles of Conspicuous
 Order Will Receive Prompt and Careful Attention
 K. or P. HALL BUILDING
Mrs. J. K. Kahookela, Business

He is survived by three daughters, Shirley Fernandez and Mildred Russo, both of Weymouth, Mass., and Cecelia Callahan of Pennsylvania; two sons, Cpl. John G. Medeiros, with the U.S. Marines in Viet Nam, and Alfred V. Medeiros Jr. of Pennsylvania; four sisters, Erinnda W. Akiona, Christine M. Currie, Angelina M. Robello and Cecelia Almeida; four brothers, Antonio V., John V., Louis V. and William Medeiros, and 11 grandchildren.

A Rosary will be recited at 10:30 a.m. Monday, followed by a procession to Sacred Hearts Church where Requiem Mass will be celebrated at 11 a.m. Burial will be in Diamond Head Memorial Park.

Rikichi Hiraki

Rikichi Hiraki, 83, of 2145 Kaneali St., died yesterday in Kuakini Hospital.

Combined wake and funeral services will be held at 3 p.m. tomorrow at Hoso Mortuary. Cremation will follow.

He is survived by his wife, Kiyu, four sons, Tatsun, Kiyooni, Takeshi and Robert Hiraki, and six grandchildren.

Adm. Weeden

The Navy yesterday announced the death of Rear Adm. (Ret.) William W. Weeden Jr., 65, who had been hospitalized since January.

Admiral Weeden, who served in the Pacific during World War II, retired in 1945 after serving two years as planning and estimating superintendent at the Pearl Harbor Naval Shipyard.

He was a former president of the Hawaii State Chapter of the Retired Officers' Assn.

He also was an administrator with the Halls of Clyde project, heading a volunteer staff which filed and indexed materials to refurbish the vessel.

He is survived by his wife, Buelah, of 2835 Kalakoa Ave. Funeral arrangements are pending.

Mr. Ruegg Dies

A retired Alewa Heights man who went out of his way to help friends and neighbors collapsed and died yesterday in front of a friend's home.

He was Albert G. Ruegg, 72, of 1301 Alewa Drive, who retired four years ago as superintendent of a Von Hamm-Young Merchandise, Inc., plant.

Yesterday he drove for a friend who recently got out of a hospital, then took out the garbage for a neighbor with heart trouble. He sat down in front of the neighbor's home and collapsed at 11:30 a.m.

The City-County Medical Examiner's Office is investigating the cause of death.

Mr. Ruegg is survived by his wife, Andrew. He worked for Von Hamm-Young for 41 years before retiring.

Bikes & Hearts

NEW YORK (UPI)—The Bicycle Institute of America has announced a \$25,000 grant for the study of "The Social Effects of Bicy-

cles on the Heart and Lung." The study is being conducted by Dr. Arthur Ambrose Rosehill, asking for a clarification of the matter.

HE CLAIMED the Liquor Commission is acting as an employer by approving or disapproving of minors working in liquor establishments.

He pointed out that the State Labor Department, which is charged with employment responsibilities un-

der labor unions, through the Labor Department, encourage the employment of minors where the work is free of dangerous working conditions.

Furthermore, said Pacheco, the State has a law prohibiting discrimination on jobs because of age, sex, race and religious beliefs.

Pacheco is manager of the Oasis Nightclub at 2944 Waiolae Ave.

Biologists Put 'X' on Turtles

If you happen to see some large green sea turtles playing ticktack-toe off Oahu one of these days, don't be surprised.

They got those big red "X's" and "O's" on their backs from the U.S. Wildlife Service.

Biologists went to French Frigate Shoals and to Pearl and Hermes Reef late last month and applied the distinctive markings on the turtles.

IF YOU see one with a large red "X" on his back, he's from French Frigate Shoals. Those with large white "O's" are from Pearl and Hermes Reef.

The turtles were marked so that biologists could study their seasonal movements and breeding habits.

Hawaii is the last known stronghold of the big green sea turtles, which once were common along the coasts of the United States. They were prized for their food and shells and have been practically wiped out.

Even in Hawaii, its numbers declined to a disturbing level.

Not much is known

about its life history in Hawaiian waters, especially movements around the Islands.

THAT'S WHY scientists over the past two years have been conducting a turtle-tagging operation on the national wildlife refuge waters around Hawaii. The turtles are strictly protected in these waters.

Eugene Kreidler, wildlife administrator for the U.S. Bureau of Sport Fisheries and Wildlife, said a total of 130 have been tagged and marked on the refuge so far. The tags, made of strong Monel metal, are numbered.

They are attached to the rear edge of the right front flipper, near the body. Anyone seeing either the tagged or the marked turtles should note the date of the sighting, the location, type of marking and, where possible, the number on the tag.

The information should be sent to the Wildlife Administrator, U.S. Bureau of Sport Fisheries & Wildlife, 406 S. Beretania St., Honolulu.

\$1,860 Missing At State Office

The State of Hawaii is missing \$1,860.49 in cash and checks and has called in Honolulu police to help find it.

The money, in two cash boxes and a bag, disappeared two weeks ago. State officers looked all around for it, then called police yesterday.

Hawaiian Homes fiscal officer Curtis N. Heen told police the bag and boxes, containing \$414.50 cash, \$1,379.99 in checks and \$66 in postal money orders were last seen Friday, April 15.

That's when a worker took it to deliver to the cashier's office at the State Office Building, Punchbowl, and

ord at the cashier's office of the money or checks. The three-person office was busy that Friday, police were told.

Detectives are investigating. The loss was tentatively classified as grand larceny.

GOP To Dance For Campaign

A Lei Day dance from 7:30 to 11:30 p.m. today at the American Chinese Club, 2333 Kapiniam Blvd., will be held by the Republican Party. The public is invited.

Four youth bands—the Statics of Waiolae, Ragnella of Waipahu, Minoteman of

Court Grants

Eight Divorces

Eight divorces and one annulment were granted Wednesday and Thursday by Circuit Court Judge Samuel P. King as follows:

Absolute divorces—Jayne Akiye from David Nobutoshi Keenala, Caroline Mahoney from Frank K. Combs and Maurice A. from Gloria A. Barley.

Interlocutory divorces—Yerna Mae from Shannon N. Perkins, Lillian H. from Francis S. C. Lee, Janice L.

from Walter H. Inafuku, Virginia Irene from Ray Hisao Saito and Joyce Jean from Carlton Edward Wilson.

Annulment—Edward A. from Barbara Horner.

LEGAL NOTICE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Comptroller, State of Hawaii, at the fifth floor of the State Office Building in Honolulu, Hawaii, or at the office of the District Engineer, Department of Transportation in Lihue, Kauai, Hawaii up to 2:00 o'clock P.M., THURSDAY, MAY 19, 1966, for "IMPROVEMENTS AT LIHUE AIRPORT, LIHUE, KAUAI, D.A.G.'S JOB NOS. 64-28-0245.2 and 64-28-8067.2," and will then and there be opened and publicly read aloud. Bids received after the time fixed for opening will not be considered.

Plans, specifications and forms of contract documents may be examined at the office of the Comptroller in Honolulu, or at the District Engineer's Office, Department of Transportation in Lihue, Kauai, Hawaii; and a set of said plans, specifications and contract forms may be obtained at either of the above offices upon deposit of Twenty-Five Dollars (\$25.00) in currency or certified checks made payable to the Director of Finance, which will be refunded upon return of the plans and specifications.

The Bidder's attention is directed to Sections 9-37 through 9-44, R.L.H. 1955, as amended, and the Rules and Regulations adopted September 2, 1963, which provides preferences for Hawaiian Product. The Hawaii Product List may be examined at the Comptroller's office, State Office Building.

The Comptroller reserves the right to reject and not or all bids and waive any defects when, in his opinion, such rejection or waiver will be for the best interest of the State of Hawaii.

V. MARCIEL,
State Comptroller
(Hon. Adv. April 26, 1966)

May 2, 4, 1966

OWNER'S NOTICE OF COMPLETION OF CONTRACT

NOTICE IS HEREBY GIVEN that pursuant to the Provisions of Section 193-42 of the Revised Laws of Hawaii, 1955, as amended, the construction by Nordic Construction Co. of that certain Makaha repair work tax key 8-4-02-41

O TRIBUNE HERALD

FINAL EDITION
THREE SECTIONS

United Press

HILO, HAWAII SUNDAY, FEBRUARY 4, 1940

Price 5 Cents

NO. 337

NISH IS ANSWER TO SAITO

tes Leader al Student

V. E. HURD
of actions by the individual members
of the board will appear next Monday.

of actions by the individual members
of the board will appear next Monday.

of actions by the individual members
of the board will appear next Monday.

FFA BOYS TO HOLD CONFAB FEBRUARY 10

Annual Big Island Conference
to Open Saturday At 9 a.m.
At Honoaka School

The annual Big Island conference
of the Future Farmers of America
will be held at Honoaka school
on Saturday, Feb. 10, at 9 a.m.

The conference will be held
at Honoaka school on Saturday,
Feb. 10, at 9 a.m. The conference
will be held at Honoaka school
on Saturday, Feb. 10, at 9 a.m.

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on Saturday, Feb. 10, at 9 a.m.

GUERRILLAS FIRE IN DIRECTION OF U.S. AMBASSADOR

Ambassador Johnson On Luzon
May Have Been Object of
Guerrilla Fire

Japanese Bluejackets Land
Near Sharpshooters; No
Shots Hit Luzon

SHANGHAI, Feb. 3. (AP)—
Chinese guerrillas in
the Luzon in the direction of
the American naval base
which is currently being
reconstructed.

Guerrillas in Luzon have not
yet decided whether the
base will be the target of
Japanese operations which
are being planned against
the base.

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yet decided whether the
base will be the target of
Japanese operations which
are being planned against
the base.

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yet decided whether the
base will be the target of
Japanese operations which
are being planned against
the base.

BRUSH FIRES EXTINGUISHED

Firemen Put Out Brush Fires
Near Kapolani School and
At Pihoua

Leatherneck . . .



WASH. (AP)—When the Japanese
killed a sailor on the
USS (USS) in the Pacific, it
was the first time since
the war began that a
sailor has been killed
by a Japanese plane.

Rad Pratsch In Hilo On His 39-Foot Ketch, White Cloud

Rad Pratsch, who has been
in the Pacific since 1937, is
the only one of his kind
in the Pacific. He has
been in the Pacific since
1937 and has been in the
Pacific since 1937.

RUSS AIR RAID WORST OF WAR; OVER 100 DEAD

Swarm of Soviet Bombers Fly
Over Finland, Leaving Death,
Destruction

By The United Press

HATA REPLIES TO SAITO'S DEMAND FOR WITHDRAWAL

Says Japan Will Continue to
Fight Until It Has Achieved
Final Victory

Declares Nation Aligned With
Anti-Communist Front for
Collaboration

TOKYO, Feb. 3. Speaking
against the terms of the
Saito demand that
Japan withdraw her troops
from China, War Minister
Hata today sternly
refused to end the war in
China in any form short of
complete victory.

He said the army has been
called to campaign in a "body
and soul" defense of "China at the
request of the government,
and will continue to fight in
China to secure complete
victory through the assistance of
friendly nations, Japan, China
and Manchuria.

He said the nation is aligned
with the anti-communist front
for complete collaboration. He
said a nation that is aligned
with the anti-communist front
will continue to fight in
China to secure complete
victory through the assistance
of friendly nations, Japan, China
and Manchuria.

GERMAN PLANES ATTACK VESSELS IN NORTH SEA

By The United Press

Smog Is Becoming Moscow Problem

By ALINE MOSBY

MOSCOW (UPI)—Moscow is developing a smog problem, a Soviet newspaper said today.

The admission came in a column "Pravda" in an article by two scientists in the city last October. Premier Nikita S. Khrushchev is to be taken to the "Good" zone, granted Moscow's air is "clean" compared to Manhattan in New York.

BUT THE experts warn that in some regions in Moscow, air pollution is still high than the sanitary norm, though in some regions during the last 10 years it has decreased from two to four times.

The experts said the Likhoboy Automobile and Hammer and Sickle Factory are among those contaminating the air because they have not switched from coal fuel to gas.

THE ARTICLE quoted a resident near the auto factories as saying:

"I live in a new apartment with all the conveniences, but I have to go because of the smog."

Although there are relatively few cars on Moscow streets, the experts accused auto in-

spectors of failing to stop vehicles emitting black smoke because of unregulated engines.

They said this was contributing to smog.

THE ARTICLE said the Russian Federation of the Communist Party recently adopted laws trying to purify the air.

The experts suggested that factories should not use open air venting pipes. They said that such lines install ventilation devices.

The experts are the chief doctor of the city's Sanitary Epidemiology section and a department head of the Institute of Sanitation and Hygiene.



Christmas Is Sad For Air Family

TUPEKA, Kan. (UPI)—Yan's wife and family of Air Force Capt. John B. McKone, 37, wasn't a very happy Christmas.

McKone and Capt. Freeman B. Omatead of Elmira, N. Y., were imprisoned by the Russians after their B-17 reconnaissance plane was shot down over the Barents sea. They were the only survivors.

This is the first time they've been separated at Christmas after seven years' marriage," Mrs. McKone said.

THE 15-YEAR-OLD wife spent the day with their three

children, Kathy, 5, Larry, 2 and Johnny, 7 months, and the children's grandparents.

"Kathy really missed her daddy," Mrs. McKone said. "When we went to church she asked me, 'Why didn't daddy come home?' I had to tell her that John couldn't make it this Christmas, but that he should be with us next Christmas."

"We try to keep busy and keep our spirits up, but it's hard. We are praying we will all be together this time next year. This all seems like some kind of nightmare and maybe it will be over soon, maybe."



TOYING WITH A TURTLE—Most popular Christmas toy at one Iolani School faculty apartment yesterday was this green turtle caught by English instructor George Reiger, 21, while skin diving off the City of Refuge on the Big Island Christmas Eve. Turtle is headed for Reiger's soup pot.

Waikikian Hotel Treats Orphans Water Journal Features Isles

Underprivileged children in several Oahu orphanages joined with guests and employees of the Waikikian Hotel Saturday in a Hawaiian-style Christmas party.

Santa Claus arrived by sulper class (on loan from Hawaiian Village Hotel) and distributed candy and presents.

Mr. and Mrs. Fred Dailey, the hosts, Dailey is the

Hawaii's "h-o-m town" growth is a featured article in a leading trade journal that reaches some 17,000 persons.

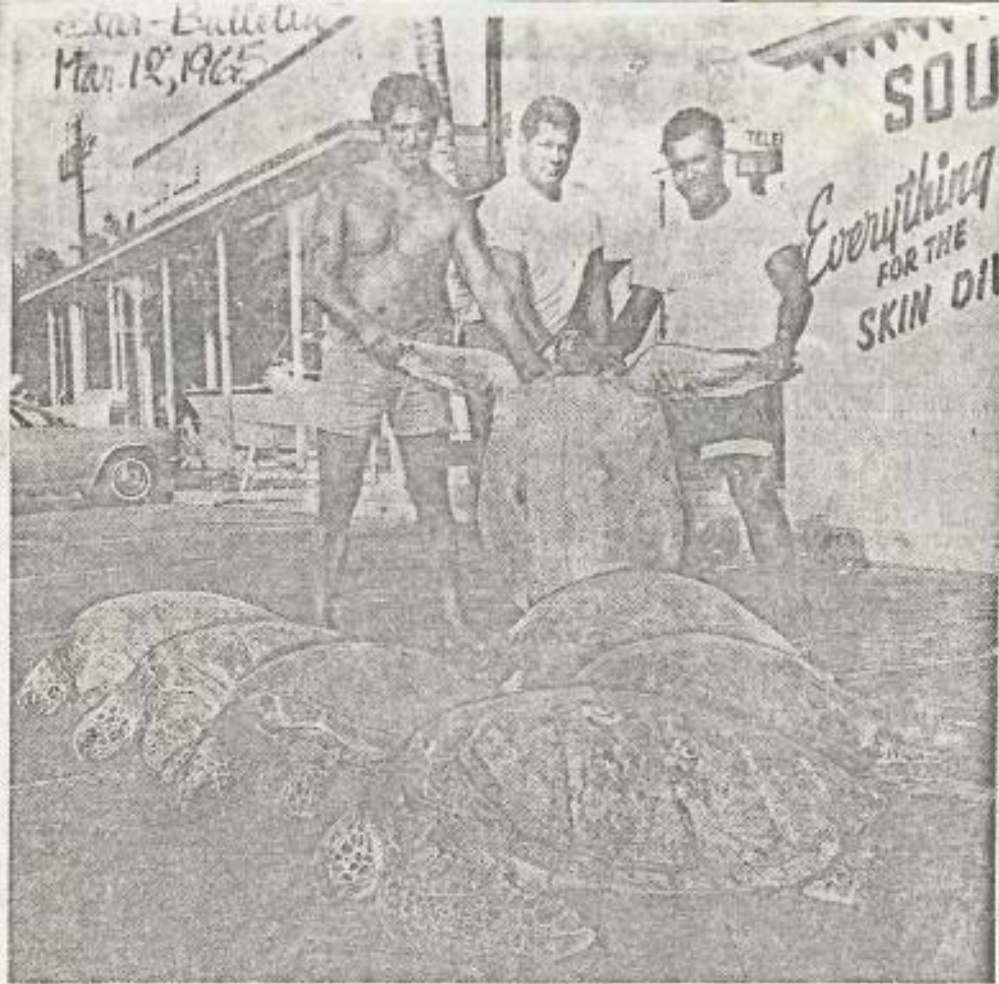
The Rockwell "Water Journal" for November carries the story on the Islands, and has a picture of Kauai's Lumahai Beach on the cover.

The article is concerned with the water resources and water problems in Hawaii's mushrooming population and

Gloria Anoba To Be Crowned At Ceremony Honoring Rizal

Gloria Ann Anoba, Miss Kayumanggi (Miss Brown Hare) for 1961, will be crowned by Ambrocio S. Sarmiento, father, Juanita Limano and co. of the unknown freedom

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Here is one of the biggest catches of turtle ever reported on Oahu. Bobby Wilson (left), Jimmy Hegerfeldt and Tony Navas display seven turtles totalling over 1,500 pounds in weight. They caught them scuba diving at Kaneohe Bay.



How to catch a turtle

How do you catch a 350-pound turtle?

"It's not easy," said scuba diver Bobby Wilson who caught one the other day. "You've got to find the turtle on the bottom and then sneak up from behind and grab him while he's sleeping."

"Then, you've got to wrestle the turtle to the surface. They can get pretty mad. It's hard work." Wilson is something of an authority when it comes to catching turtles.

On Wednesday at Kaneohe Bay, he teamed up with two other divers from the South Seas Aquatic Club to bring in one of the largest hauls of turtles ever reported on Oahu.

Wilson, Jimmy Hegerfeldt and Tony Navas brought up seven turtles totalling over 1,500 pounds in weight. The largest turtle weighed 350 pounds, the smallest weighed 175. The other five turtles averaged between 250 and 300 pounds apiece.

This haul came only three weeks after two Molokai scuba divers caught what is believed to be the largest turtle ever reported in Hawaii—a 410-pounder caught off Kaunakakai by Mickey McGuire and Junior Rawlins. These divers go after turtles using scuba equipment only. They do not use nets.

If they're lucky, the divers can steer the turtle to the surface after latching on from behind. But it's a tough, tricky business. One wrong move and a turtle could seriously maim a person.

S 2/23/62
P 17

Firm Leases Swank Re

Leah Pollock, whose family owned Palmyra Island, has signed an 85-year lease permitting Polytechnic Petroleum Company to build and operate a plant near the island.

Polytechnic Petroleum is a subsidiary of Mercury International Insurance Underwriters of Los Angeles.

Palmyra, which the family acquired about 40 years ago, is 650 nautical miles, or about 1,100 statute miles, south of Honolulu, near the center of a triangle formed by Hawaii, Samoa and Tokelau.

Palmyra consists of a horseshoeshaped string of small islands, most of them now connected by land fill, on a lagoon reef which encloses three bays.

ISLANDS

The latest covers most of the reef. Pollock said his family will retain one of the islands—Swank Island—on itself and that no other of the islands is owned by the Henry H. Cooper Estate.

Originally, there were 32 islands, but only 22 are distinguishable since the land-filling operations.

Several of these islands, including Swank Island, remain separate from the bulk of the reef.

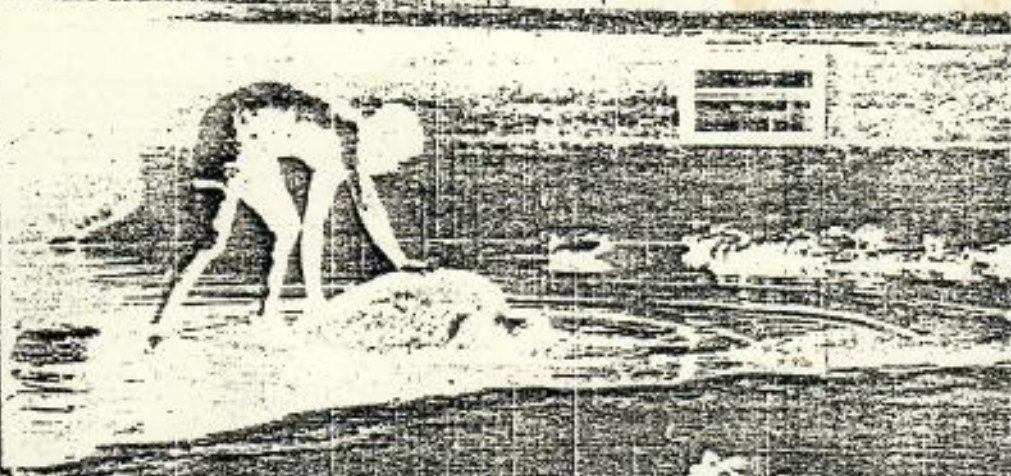
The highest point on Palmyra is about six feet above sea level.

AIR STRIP

A major West installation during World War II, the island has a 6,000-foot airstrip, large enough for most commercial jet planes.

The 157-foot-deep channels and accommodations planes are criss and slope up to the size of a destroyer but in the shallow bay passages there were no other buildings, roads, and other crane, ships.

Polytechnic Petroleum is leasing Palmyra Island for the purpose of operating a petroleum refinery.



Marine employee Paul Nakamura heaves 200-pound turtle toward edge of tank so it can be placed on stretcher and lifted to truck.

Sea Turtle Found Dead, 3 Dying in Scummy Water at Marineland

Three big sea turtles—two 50,000-pound males and one 10,000-pound female—were found dead or dying in scummy water at Marineland yesterday.

Arthur McCormack, manager of the Hawaiian Marine Society, was informed of the turtles' plight yesterday by an anonymous caller. McCormack said it's a case of empty, life animals and

that after more investigation he plans to turn the facts over to the Preventing Adultery's office.

"Turtles can't cry out like a dog," said McCormack. "Fred J. Houge, one of Marineland's owners, said he thought that as of a week ago, there was plenty of water in the tanks."

"I don't know who got in there, or maybe it was a leaky valve," said McCormack. "There's no one working there."

He said some fish was thrown in with the turtles for food some time ago and that he thought the heaviest animals were dead.

"These turtles are very durable," he said. "The body of the dead female was found in the water."

McCormack said he didn't know how long ago but there were no other animals in the tanks.

McCormack said he had been told that the turtles were found in the tanks.

place into something else. The three turtles, one of which weighed more than 200 pounds, were lifted from the tanks, placed on a truck and taken to the Waikiki Aquarium.

At the aquarium yesterday, the three turtles are swimming around their tank and, thin, they will live.

"They probably would have died before too long," he said.

The dead and live turtles were found in the same tank.

A few dozen birds were in the other tank, which also contained about four inches of water.

Marineland opened with much fanfare in November, 1959, and it has been closed since.

The turtles were collected during the winter for months of the winter and were kept in the tanks.

McCormack said he had been told that the turtles were found in the tanks.



As a result, we found which left of some of the islands.

SPA To H

Seattle Pacific plans to expand exhibit space for the museum.



McCormack said he had been told that the turtles were found in the tanks.

FRIDAY, NOV. 17, 1967 HONOLULU VEGETARIAN

764-Pound Turtle Caught

HILO — One of the largest turtles ever caught here was brought in yesterday by the fishing sampan Mona H.

The turtle, a Pacific Leatherback, weighed 764 pounds.

The turtle was caught on one of the Mona H's flaglines off the Big Island.

A 300-pound turtle is considered large.

The Leatherback species of turtle gets as big as a 1,000 pounds and is found only in warm waters. It deposits its eggs almost exclusively on one beach in Malaysia and has never been raised in captivity.

The Sumida Restaurant here bought the turtle. It was auctioned yesterday morning by the Suisan Co., Ltd.



Advertiser Photo by Walt Seathward

Next stop: Pots and pots of turtle soup and piles of cutlet s.



MAN-EATING SHARK—Caught around his snout by a turtle net, this 14-foot, 1000 pound man-eating shark was killed after a three-day battle in seven feet of water off Hickam Field. Cpl. Frederick Patacsil, who caught the shark, is shown holding the tail of the giant fish while Raymond Dela Cruz, center, and Donald Patacsil demonstrate how the monster was caught. (Advertiser photo)

Vet Wins Battle With Man-eating Shark

A three-day running battle with two huge man-eating sharks and an 800 pound manta ray was one-third over today when Frederick Patacsil, a veteran of two tours in Korea, brought the smaller of the two sharks ashore lashed to his 24-foot row boat.

The sea drama is still being fought. Cpl. Patacsil and his crew of two beached one 14-foot, 1000 lb. shark on Sand Island last night. The other shark, a larger one, and the manta ray are still thrashing their lives out in Cpl. Patacsil's string of turtle nets in seven feet of water off Hickam Field.

CPL. PATACSI, who was wounded twice in Korea and is stationed now at Schofield, set out his string of turtle and lobster nets Wednesday morning. That evening when he went to check them he discovered the three sea killers and the battle began.

Friday noon after repeated attacks during the daylight hours with daggers and a short harpoon and clubs, Cpl. Patacsil, his brother Donald and Raymond (Taran) Dela Cruz managed to subdue the smallest man-eating shark. The shark was too heavy to drag into the boat so they lashed it to the side and began the trip back to shore.

Half way to Sand Island the 24 HP out-board motor broke down and the Coast Guard had to come to their assistance.

CPL. PATACSI, said he had no intention of returning for the other killers until they were dead. The sharks were attracted by 14 turtles which became entangled sometime Wednesday.

The Korean veteran said fishermen are concerned over the increase in man-eating sharks found off the South and West shores of Oahu lately.

3 Isle Soldiers Killed in Korea; Trio Wounded

Army and Marine headquarters announced here yesterday six additional casualties among soldiers and Leathernecks fighting in Korea. The report lists three killed and three wounded.

KILLED IN ACTION were Army Sgt. Thomas Y. Funakoshi, brother of Denis Funakoshi of P. O. Box 494, Wahiawa, Oahu, and Marine Pfc. Michael Kaahoe, son of Mr. and Mrs. George C. Kaahoe of Honolulu, Maui Pfc. Kaahoe was previously reported missing in action.

Accidentally killed was Marine Sgt. John Chung-King Kim, son of Mr. and Mrs. Kyung S. Kim of 167 Penabawa St., Hilo, Hawaii.

WOUNDED IN ACTION were Army Cpl. Enrique M. Balderama, cousin of Emilio Millare of "B" Village, house 118, Ewa, Oahu.

Marine Pfc. Don Reynolds, son of Mr. and Mrs. Russell J. Reynolds of 104 Main St., Naval Housing, Honolulu.

Marine Pfc. James Kalamaha, son of Mr. and Mrs. John Kalamaha of Box 519, Hailu, Maui.

Proposes Admittance

Peace-Loving State Now, United Nations Political Unit Says; Assembly Must O.K.

UNITED NATIONS, N. Y., Dec. 19 (AP)—The United Nations special political committee tonight recommended the admission of Japan and five other countries to the world organization.

At the same time, the 60-nation group voted in favor of the establishment of a 22-nation committee to study the entire membership problem in an effort to find a way to bypass the Russian veto which has blocked 14 countries from admission for periods ranging up to six years.

TONIGHT'S ACTION, however, was merely a recommendation. Aside from the fact that it still must be acted upon by the general assembly—certain to approve it tomorrow or Sunday—the rules still require a recommendation from the security council before the assembly can elect a country to membership.

Russia has used its veto 27 times in six years, black-balling some applicants as many as four times.

In its action, the special political committee:

Recommended establishment of the special committee on membership by a 45-5 vote with 9 abstentions.

APPROVED a similar declaration in regard to Viet Nam by a 38-5 vote with 16 abstentions.

Took similar action regarding Cambodia by a 36-5 vote with 16 abstentions.

Made the same declaration in connection with Laos by a 38-5 vote with 16 abstentions.

Failed the same in regard to Libya with a 40-5 vote with 5 abstentions.

Declared similarly in the case of Jordan by a 49-5 vote with 5 abstentions.

The committee asked the security council to "take note of this determination" in the case of each country.

The World at a Glance

DRAFT: of 19-year-olds expected early in 1953.

SIAMESE TWINS: New threat to both after surgery.

IKE: Names four men to high posts to complete the new GOP administration. P-3, Col-4.

LATTIMORE: Pleads not guilty before probe. P-3, Col-2.

LIVING: Costs back to former all time high. P-3, Col-2.

JUSTICE: Dept. anti-scandal move lauded. P-3, Col-4.

MURDER: Incorporated "triggerman" defendant. P-3, Col-3.

THE BEST CHRISTMAS A GIRL COULD HAVE—Mrs. Kazuo Hayashida, pauses on her way out of the wonder at the Christmas Tree. Lynn is being discharged returns to her home on Maui tomorrow.

Expert Here to Study Oahu Civil Serv

A California city government specialist has been surveying Honolulu's civil service commission for a orders from Mayor John H. Wilson, he revealed yesterday.

The specialist is Richard Graves, who has been director of the League of California Cities for 19 years.

He arrived Monday from his Bay Area office to a way for the mayor at the cost of traveling and living expenses for him and his family.

"I AM SUPPOSED to look into the civil service picture, not in a matter of politics and personality, but as an administrative problem," Mr. Graves said.

He said one of his jobs will be to "re-evaluate the Gallas report," Mr. Dallas, he said, once worked with him on the mainland.

Asked what form his final report would take, Mr. Graves said, "I will be more concerned with what should be done than what has happened in the past."

But, he said, he plans to "pull no punches and will try to evaluate past and present administrative policies as well as recommendations for future policies."

Mayor Wilson said yesterday he will pay the estimated \$1,000 cost of the survey from a \$5,000 budget item marked for investigations.

HE HIRED Mr. Graves, he said, (Continued on Page 2, Col. 2)



RICHARD GRAVES

2 Killed, 14 Hurt

One Siamese Ty

*note
microfilm
scratches*

Mrs. Mrs. KENNETH KING, at 379 North
Vineyard Street.

Salary Is Approved

The City Finance Committee has voted to pay on moral obligation the salary of a man described as a "key factor" in the City's school building program.

George T. Cooper, school construction

Industrial specialists solved the problem by isolating and ventilating the area where the cleaning solvents were used.

coordinator, the committee was told, hasn't been paid since April.

He has been employed on a contract basis instead of under Civil Service.

His contract has expired, and because of a pending operation, he can't qualify for Civil Service unless the Civil Service Commission makes a special exception, the committee was told.

Besides Suzanne, the K family has four sons: Philip, 7; Stephen, 18 months; and Thomas, 18 months.

The girl's letter praised the frequent hikes, picnics and parties shared by the family.

They also enjoy his miniature country and the miniature country for it, Suzanne wrote.

Mr. and Mrs. Kaufmann, of Chicago, where he was graduated from the University of Illinois. Me

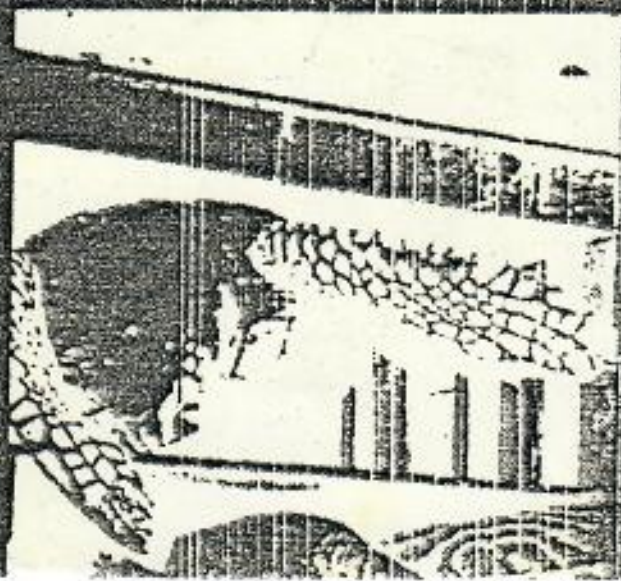
3 Big Turtles Flown To Vancouver Zoo

Stacked like sailors in three-decked bunks, three turtles were sent by Honolulu Aquarium director, Spencer Tinker, to Vancouver, B. C., for the gala opening of its aquarium Sunday.

Tinker said he was "sending the boys up for the opening" and would probably flip some fish over to Vancouver later.



The 40-pound green turtles, placed on their back for safe flying, were checked in by Canadian Pacific Airlines stewardess, Rhoebe Warren.



6 Page 12

They left Saturday at 11:30 a.m. and arrived at Vancouver around midnight.

Summer Activities Planned By Oahu's Palama Settlement

The Palama Settlement at 810 Vineyard Street is conducting a variety of summer activities for Oahu youths.

Registration for the camps and planned classes is being taken at the settlement from 9:30 a.m. to 5:30 p.m. week days and 8 a.m. to noon Saturday.

Day Camp for children 6 to 12 or members of grades one to six will be held from June 25 to August 3.

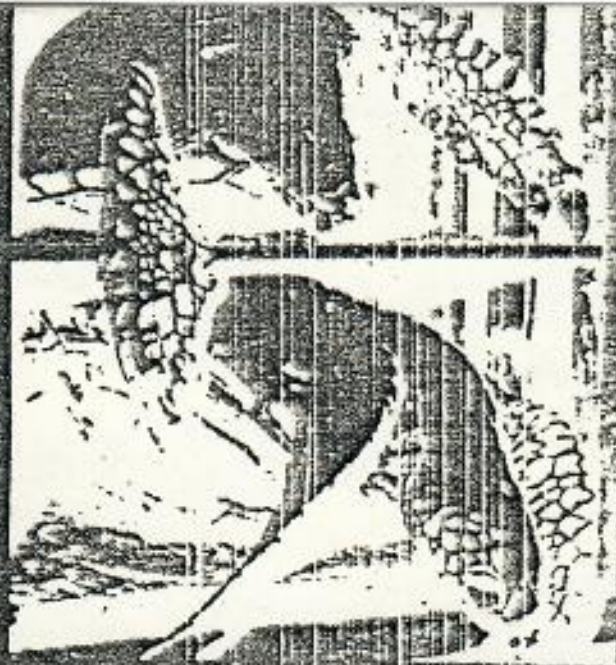
Palama-by-the-Sea Camp in Waialua will have camp periods for youths of various ages: June 18-24, 8 to 10; June 26-July 2, 8 to 10; July 4-10, 10-12; July 12-18, 12-14;

July 22-29, 14-16; July 27-29, 14-16; July 31-August 2, 16-18, boys only, and August 3-5, 16-18, boys only.

OTHER ACTIVITIES

In addition there will be programs at the settlement for youths interested in activities including hula, tap dancing, Filipino folk dancing, ceramics, judo and football.

The Music School is giving classes in band



Star-Exhibit Photo

Flip-flopped turtles ready for journey

instruments, piano, voice and theory.

The pre-school summer program begins today for children from 3 to 5.

Information for the camps may be obtained by calling 8-3945 for the Music School, 87-9525, and for the pre-school program, 83-7325.

ONCE-A-YEAR

Boosts California

MEXICO CITY (AP)—General Agustín Olachea wants

HAL SW

New manager Fl...
Hal invites all...
friends and cut...
of his new fac...
Leiford Store loc...
for Ave. in Kom...

"Remi

The finest class...
in the year old...
best of conditions



SAVE ON



reg. \$13

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George T. Cooper, school construction

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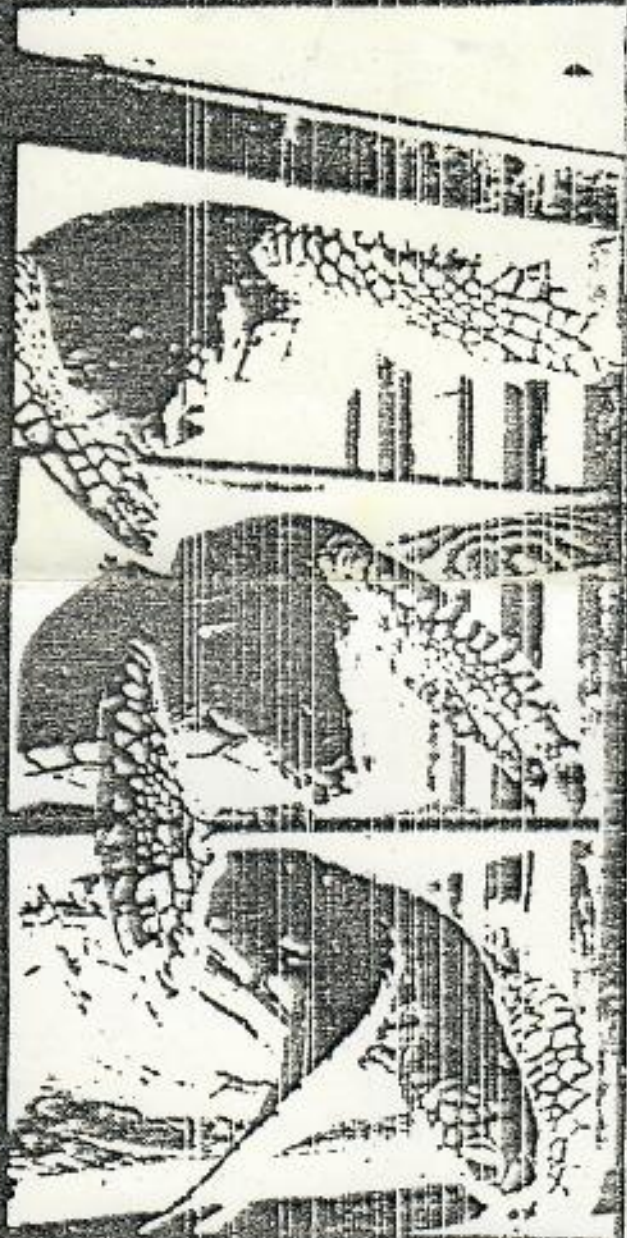
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FI

34



HAL SWAIN

New manager Hal Swain invites all friends and customers to his new location. Let's meet at the corner of 1st and 2nd Avenues in Kaimuki.

"Remember the first class in your old school?"



SAVE ON



reg. \$12

ONCE-A-YEAR

Boasts California

MEXICO CITY (AP)—General Agustin Olachea wants

June 13, 1956 Page 12

day and Thursday by a big cave-in of a deep cut just west of Pauwela station. Many tons of earth had to be removed before trains could pass through. A number of smaller slides occurred at various points between Paia and Pauwela, but these were quickly cleared up.

Roads Suffer Damage

A number of heavy slides have occurred on the new macadam road through the bethsteads east of Haiku recently, and these caused the storm of Tuesday night to do considerable damage to the macadam in various places. The new road near Pauwela was also blocked by a big land slide.

All of the roads east of Paia and in the Makawao section, except the small amount of macadamized roughfare, have become almost impassable during the past week or so.

(Continued on Page Eight)

Polo Still To Be Played On Maui

Ponies, However, Will Have To Work For Their Living As Cow Ponies—No Fancy Imported Oats For Them—No Inter-Island Contests

Polo will not be abandoned on Maui this year, as had been decided upon some time ago as a war time revelation measure. Frank Baldwin, president of the Maui County Fair & Racing Association, made this announcement at the meeting of the organization yesterday afternoon.

But the game will probably not be so fast as heretofore, for the reason that the ponies will not be trained on imported feeds as in the past, and maintained in luxurious stables between games. Mr. Baldwin stated that of his 25 head of ponies, 15 have been turned out to pasture, and the other ten have been given to the stockmen of the plantation to be used regularly as cow ponies in place of the usual mounts. This, it is believed, will keep the animals in fair condition for play to some time.

There will be no big games, but there should be some interesting contests between local teams, Mr. Baldwin thinks. It has also been suggested that an admission fee be charged to the games, the proceeds to be turned over to the Red Cross.

Wailuku Postoffice To Have Telephone

The Chamber of Commerce yesterday voted to pay the cost of maintaining a telephone in the Wailuku postoffice. With the Third Street campaign on such an insubstantial almost indispensable, it was stated. The postoffice authorities had notified the chamber that there are no funds by which 3rd and 4th class offices may be supplied with telephones, and that therefore Lahaina, Kahului, Paia, and Wailuku must get their phones some other way or do without. Under a previous administration, it was stated, such phones had been supplied in a few cases through a sort of "juggling with accounts" which can no longer be employed.

A game of basketball between the Kahului "B" team and Wailuku "B" team will be played at the Alexander House Gymnasium, this evening.

board for damages, however, has assumed considerable importance.

Modified Race Meet For Fourth Of July

Association Approves Plan For Day Of Sport—Prizes To Be Liberty Bonds—Untrained Horses Only, No Imported Feeds

The Fourth of July race meeting which has been a feature on Maui for more than 20 years, will not be suspended this year as had been talked for some time past. This was formally decided at a meeting of the directors of the Maui County Fair & Racing Association held yesterday afternoon.

But the celebration this year will be considerably modified in that it will consist entirely of steeplechase events and no specially trained horses will be eligible for entry. The Kahului track stables will be locked up and no horses will be permitted to be conditioned there. Aside from the quantity of barley and alfalfa, mixed containing in mixed feeds commonly used in the islands, no imported feeds must be fed. The aim is to save entirely the special imported feed products which heretofore are usually put in, to try for success. Animals not fed accordingly, it will be barred.

Tentative Program Approved

F. D. Cameron, chairman of the race committee of the association, submitted a rough program which provides a day of two sport without any of the professional flavor usual heretofore.

(Continued on Page Eight)

Turtle Fisherman Making Good Money

Japanese Leave Business To Okinawans, On Account Of Superstition—Bad Feeling May Result In Clash

Okunawa fishermen on the Lahaina side of the island are said to be making a profitable business lately in catching turtles along the leeward coast which they sell in Honolulu for 4 cents per pound. Several tons a day are being thus taken, according to those who have kept track of the matter. The fishing is mostly done with large nets and by diving after the animals.

It is reported that the resident Japanese fishermen have a superstition about turtles which prevents their molesting them, but the Okinawans have no such scruples and are reaping a harvest in consequence. Feeling is growing bitter over the matter, it is said, because the Japanese fishermen ascribe the long period of stormy weather, which has interfered with fishing, to be due to the killing of the turtles. A clash between the two classes of fishermen is predicted.

Saturday, May 25, between the hours of 5 and 8 o'clock p. m. has been set as the time for holding the democratic party meeting of precinct club officers and territorial and county committees.

also looked over the list of restricted imports lately published by the War Trade Board. Inasmuch as local Japanese have been in the habit of depending to a considerable extent upon food, clothing, and other articles imported from Japan, the shutting off of many of these products by the new order is likely to prove unsettling.

The object of the restriction is of course a measure of conservation largely, and is made up of articles which the mainland can most easily do without or obtain suitable substitutes. It will be harder here in the islands. The net is the first issued and it is estimated there may be more coming.

It includes most food products except beans and peas, all malt liquors,

(Continued on Page Two)

"Hello, Central, Give Me Honolulu"

Balch, Of Telephone And Wireless Fame Planning For Future Wire Connection Of All Islands—Few Years More Will Solve Problem He Believes

Within 5 years Maui, Hawaii and Kauai will be linked with Oahu by telephone in the expressed belief of J. A. Balch, directing genius of the Island Mutual Telephone Company, of Honolulu, and manager of the inter-island radio system, now controlled by the U. S. Navy department. The system will be submarine cables, in Mr. Balch's opinion. He does not expect the government department to relinquish the radio monopoly following the war.

Mr. Balch, accompanied by Wallace R. Stone, manager of the Ilihi Telephone Company, an auxiliary of the Mutual Company, is on Maui this week in connection with the taking over of the Maui Telephone Company's business by his company.

(Continued on Page Eight)

Chamber Not Keen On Tourist Campaign

That the Chamber of Commerce has no funds available from which to pay the \$2000 suggested by the Honolulu chamber of commerce towards the \$20,000 tourist fund now being raised, was the order of a motion made and carried at the meeting held yesterday afternoon.

The Maui chamber was clearly not sanguine on the matter of encouraging tourist travel at the present time, despite the assurances of W. O. Allen, of the promotion committee, that the national government was fully reconciling with travel, and that California today has the biggest crop of tourists on record. Transportation uncertainties and difficulties were the chief arguments against the matter.

GOOD RESPONSE TO LIBERTY LOAN CAMPAIGN

Mail subscriptions to the third Liberty Loan amounted to \$57,000 last Saturday, and the members of the committee are gaining considerably more in their campaign over the island. Chairman C. D. Larkin stated that he expects at least \$150,000 more in subscriptions before the campaign ends on May 31st.

of a leader in corn bread. Minceless means without salt, the use of sheep products. On other days use mutton and lamb. In preference to leaf or pot. Pickles means without potatoes, peas, lentils or pork. Dishes fresh or preserved. Fish and poultry.

Red Cross Workers Wanted In France

Men Over Draft Age, With Business Ability, Who Can Pay Own Expenses Have Good Chance For Jobs

Mrs. F. F. Baldwin, chairman of the Maui branch of the American Red Cross Association has received that competent volunteers with business experience and beyond the draft age, who will pay their expenses, are wanted urgently in France. It is understood that there are several persons in Honolulu who, considering accepting the offer, there are doubtless many others here as well as in other parts of territory who would be glad to accept without salary but are not willing to pay their own expenses.

Auto Killed Calf Owner Is Fine

John Telles, owner of a herd of cattle which he is alleged to allow pasture along the road near the electric power station, was fined \$1000 costs in the district court this morning for maintaining a nuisance in his pasture. Many complaints have been made about the cattle on the road but it remained for Robt. Milroy, Filipino driver for Santos, to run a calf, kill the animal and stand up his car, before the matter was taken up by the authorities.

Complaint was made in the chamber of commerce yesterday to the straggle along the highway. It was stated that considerable damage had been done by such animals on the Paia-Makawao road where they have destroyed young shade trees planted through the efforts of ladies of the community and the plantations.

SELINSKY RECITAL ENJOYED BY LARGE AUDIENCE

The violin recital by the noted artist, Max Selinsky, under the auspices of the Maui Music Club, given at the Paia Community House on Wednesday evening, was greatly enjoyed by a large audience of Maui music lovers. The concert had been postponed from Tuesday evening on account of rain. Mr. Selinsky was assisted by Miss Gretchen Fuiko, pianist.

Arrangement has been made for Mr. Selinsky to play a number of selections at the Wailuku Orpheum this evening, before he leaves for Lahaina to take the Mauna Kea for Honolulu.

Sheriff Crowell has appointed Segundo Francisco, special police officer for Naia, Umanai, Hanakopoko, and Paia; Eugenio San Juan, special officer for Lahaina district; and T. Kanaka, special officer for Wailuku. These officers are to assist in running down draft delinquents.



Here is one of the biggest catches of turtle ever reported on Oahu. Bobby Wilson (left), Jimmy Hegerfeldt and Tony Navas display seven turtles totalling over 1,500 pounds in weight. They caught them scuba diving at Kaneohe Bay.

Sport
FISHING
 By *Martyn Chase*

How to catch a turtle

How do you catch a 350-pound turtle?

"It's not easy," said scuba diver Bobby Wilson who caught one the other day. "You've got to find the turtle on the bottom and then sneak up from behind and grab him while he's sleeping."

"Then, you've got to wrestle the turtle to the surface. They can get pretty mad. It's hard work."

Wilson is something of an authority when it comes to catching turtles.

On Wednesday at Kaneohe Bay, he teamed up with two other divers from the South Seas Aquatic Club to bring in one of the largest hauls of turtles ever reported on Oahu.

Wilson, Jimmy Hegerfeldt and Tony Navas brought up seven turtles totalling over 1,500 pounds in weight. The largest turtle weighed 350 pounds, the smallest weighed 175. The other five turtles averaged between 250 and 300 pounds apiece.

This haul came only three weeks after two Molokai scuba divers caught what is believed to be the largest turtle ever reported in Hawaii—a 410-pounder caught off Kaunakakai by Mickey McGuire and Junior Rawlins.

These divers go after turtles using scuba equipment only. They do not use nets.

If they're lucky, the divers can steer the turtle to the surface after latching on from behind. But it's a tough, tricky business. One wrong move and a turtle could seriously maim a person.

TURNBULL, MURRAY

Edit praises contribution to E-W center
A 12/28/61 B2:1
Resigns as planning asst to UH pres A
6/6/67 A11:2

TURNER, ALBERT F

Cmd off of 105-mm howitzer batt in
Viet Nam returns A 7/13/67 D6:1

TURNER, C W

Pres, Am Bitumula & Asphalt co,
subsidi of Stand Oil S 12/24/51 7:5

TURNER, EDWARD BATES

Mins of Haw S 3/27/37 sec 3 p6

TURNER, FARRANT L, 1895-1959

Tea tom to hon Col, Mrs Turner S
6/3/44 p13

Hero of Ital camps to hon windw's
dead A 2/7/45 p3

Ends term as 1951 pres, Hon ch of com
S 1/31/52 2:5

Recommended as TH sec by Gov King
A 3/19/53 1:4

McKay, Del Farrington to push appt as
sec of Haw S 4/27/53 1:1

Nominated as sec of Haw by Pres
Eisenhower S 4/29/53 1:8.

Confirmed by US Sen S 4/30/53 1:8

For 18 yr old vote, conf of secs, Seat-
tle, Wash S 9/2/53 14:4

Blasts critics of King's admin, Kailua
PTA address S 10/20/53 10:7

Celebrates 60th birthday A 7/19/55
A10:5

To run for del to cong in '58 election S
12/17/57 1:1

Campaigns for Rep del to cong A
9/5/58 A1:8

Apptd br mgr Hon off SBA S 11/20/58
1:2

Dies A 3/20/59 A1:1

Edit pays tribute S 3/20/59 8:1

Ben H Tamashiro pays tribute A
3/23/59 A9:1

Farrant L Turner hall at Ft DeRussy
dedicated A 9/28/59 A7:1 A 9/27/59
supp 12:3

TURNER, MARGARET

Delegate's secretary follows busy
schedule A 12/27/54 A8:7

TURTLES

Giant turtle, 445 lbs caught off Kailua
S 4/8/35 p3

Trunk turtle in Haw S 8/24/35 sec 2 p7

Green turtle in Haw S 8/31/35 p16

Hawks-bill turtle in Haw S 9/7/35 p6

Used to clear pools, Hilo Jap park A
12/16/53 A8:6

1st baby Galapagos tortoise born at
zoo A 11/23/54 A1:4

Births are 1st in captivity S 11/23/54
1:2

Tortoises due for study at different
levels S 11/25/54 18:4

Tom Frazier shows how to prep soup S
12/17/55 mag sec p7

TH hopes to expand marine turtle pop
S 3/9/56 14:2

3 big turtles from Hon aquarium flown
to Vancouver zoo for gala opening S
6/12/56 12:1

250 lb turtle on exh at Hon aquarium S
5/30/58 17:1

3 sea turtles, dying from lack of water,
taken to aquarium A 2/23/62 1:3 S
2/23/62 17:1

15 in protest march agnst racing ban at
Mike's Grog 'n Sirloin A 12/6/65 1:8

US wildlife service marked X's & O's
on turtles from Fr Frijate Shoals &
Pearl & Hermes Reef A 4/30/66 C4:2

Humans can easily pick up disease
from pet turtles S 3/21/67 B2:1

Unusual turtle found in Palolo S
4/11/67 A2:1

Giant leathery turtle being raised in
captivity at Oceanic Institute A 5/3/67
B1:4

TURTLES

764 lb leatherback caught off Haw A
11/17/67 1:4

See also Tortoises

TUSITALA (SHIP)

3 mast import S 9/10/29 p1

Has send off as leaves for home S
12/29/30 p1

Picture A 7/2/31 sec 2 p14

Arrives 100 days out from NY S
10/6/31 p1

TUTORS

About 100 help students fr fams which
can't pay A 5/5/66 D12:4

TUTTLE, DANIEL W

Resigns as asso prof of pol sci at UH S
2/11/66 A4:2

Named exec secr HEA S&A 2/13/66
A1:1

Story of his Hawn politics column S&A
2/20/66 A18:1

TUTUILA

France makes yrly calls to honor
crews of 2 French warships massacred
in 1787 S 9/19/53 mag sec 11:1

TWAIN, MARK, PSEUD

Twain's fav fds S 11/27/31 p11

Lit men in Haw S 8/26/33 p6

Cent to be obs by lect at UH by W W
Ellsworth S 4/1/35 p4

Most tireless tour ever to visit Haw by
M L Fokkett S 8/17/35 sec 3 p1

Haw asked to take part in cent No 19
S 10/2/35 p5

Gov sets Twain day as No 30 S
10/14/35 p3

Will be hon, plans for celeb S 10/31/35
p7

Hon boy prize win in lit cont abt
Twain S 11/16/35 p1

Haw jns world upon Cent S 11/20/35
p3

Trib given by Dr A W Slaten at cent
din S 11/30/35 p6

Huck Finn bo't by Dr Pleadwell S
8/17/35 p6

Ser of arts by Mildred Leo Clemens:
Mark Twain in Parod 12/7/35 p9

12/31/35 p8

Loc reactors note Twain pref Kalihi
Val to Nuuanu S 6/25/38 p10 sec 2

Nickerson to publ letters S 5/27/39 p4

Visit to Kilauea vol S 9/27/47 9:1

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Isle trucks won't join in Mainland stopwork movement A 12/5/73 B2:1
See also MOTOR TRUCKS

TRUCKS

State trucks to get water bumpers A 2/9/73 B2:3
Laws to curb runaway trucks sought S 3/13/73 D1:2
Truck driver qualification bill gets OK S 4/6/73 A22:7

TRUDEAU, PIERRE ELLIOTT

Relaxes here after visit to China A 10/18/73 B1:1
Leaves after overnight stop here S 10/18/73 A8:1

TRUK

Notes on Truk A 5/29/73 A13:1

TRUST COMPANIES

See also HAWAIIAN TRUST CO.

TRUST TERRITORY OF THE PACIFIC ISLANDS

Ofcls puzzled on Micronesian hopes S 3/16/73 B7:1
Micronesia-U.S. status negotiations delayed A 5/7/73 C8:2
U.S. accused of cheating people of Roi-Namur out of paymt for land used in missile testing S 5/7/73 B5:1
Edit: Micronesia's complexity A 5/8/73 A10:1
Micronesia must solve own problems before creating new pol identity free of trusteeship A 5/16/73 A14:5
U.S. works on preliminary agreement on Commonwealth status for Marianas S 5/23/73 A1:3
Tentative agreement on Commonwealth status for Marianas A 5/24/73 A4:3
For Micronesia, the future is now. Series by Jerry Burns S & A 5/27/73 A25:1 A 5/28/73 A8:2 A 5/29/73 A13:1
Observations by Jerry Burns S & A 5/27/73 A25:1

TRUST TERRITORY OF THE PACIFIC ISLANDS

Edit: UN & Micronesia A 6/5/73 A8:1
Six OEO grants to Haw & Trust Ter S & A 7/1/73 E34:1
In Griffin's series on Micronesia's pol future S & A 9/30/73 A17:1 A 10/1/73 A17:1
Cmer Johnston asks to cut all funding for controversial Micronesian Legal Svcs Corp A 11/7/73 C9:1
Talks on status collapse on fund impasse A 11/22/73 A6:6
Johnston overruled on funds S 11/22/73 A16:1
Edit: Collapse of 7th rd of talks on pol future A 11/27/73 A12:1
Edit: Hard bargaining by Marianas S 12/8/73 A14:1
See also MICRONESIA

TRUSTS AND TRUSTEES

Three funds give \$1.3 million S 7/13/73 E4:1
G N Wilcox Trust, Elsie Wilcox Found, Frear Eleemosynary Trust donate \$500,000 S 9/13/73 C10:5 A 9/15/73 C4:3

TSENG, YU-HO

See ECKE, TSENG YU-HO (MRS. GUSTAV), 1923-

TUBERCULOSIS

TB Assoc raps 'screen' bill A 4/10/73 A6:1
Isles' TB rate still highest in nation S 6/26/73 A2:7
See also LANAKILA CRAFTS

LEAHI HOSPITAL

TUGBOATS

See also HAWAIIAN TUG AND BARGE CO. YOUNG BROTHERS, LTD.

TUNA FISH

'Trained' tuna in study may lead to bigger catch A 1/12/73 D14:1
New method of finding tuna schools S 3/14/73 D5:2
Another big leaguer set to join isle tuna fleet S 4/12/73 B4:1
Matson adds aku to its cargo lists A 6/7/73 D9:4
Kula Kai nets 70,000 lbs in single day S 7/18/73 E20:6
Fishing in old way not easiest way to make living S 7/18/73 F1
Research on resources in Leeward Isl under-way S 8/16/73 A4:2
Recall of Bumble Bee brand bared S 8/30/73 A1:1
Tuna in recall 'hamless' A 8/31/73 A13:2 S 8/31/73 A1:5
100-ft Anela breaks record w/1-day catch of 77,000 lbs S 9/6/73 B7:1

TURNBULL, MURRAY

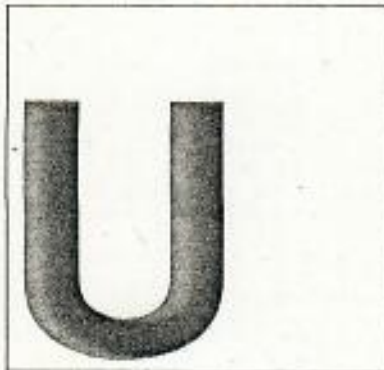
At least, exhibit at Acad S 12/4/73 E20:1
Exhibit is controversial S & A 12/9/73 Aloha 36:4

TURTLES

1st step taken to protect sea turtles S 1/13/73 A2:2
Proposals offered to protect turtles A 1/16/73 D4:2
11 to get ride out to sea A 3/7/73 C3:2
Geo Balazs studies turtles on Canton S 5/24/73 B4:1
Scary meat-eating turtle found in Waimanalo creek A 7/18/73 B1:6 S 7/18/73 D11:3
Hrg tonight on regulations to save dwindling turtles A 9/21/73 A5:1
Rise in tourism seen as peril to isle turtles A 9/22/73 B1:5
Haw has last colony of green sea turtles S 10/3/73 A18:1
Proposed reg to protect marine turtles in Haw waters to get further airing S 10/27/73 A2:4
Cogn to save Hawaii's turtle pop stepped up

TURTLES

w/T-shirts sales S 12/3/73 A13:1
 Divided viewpoints on control S 12/6/73 D13:3
 Geo Balazs on protecting S 12/18/73 A25:1
TUTTLE, DANIEL WEBSTER, 1925-
 Pollster to form pub affairs advisory firm
 S & A 11/11/73 E38:1
2000 (YEAR)
 See YEAR 2000
TYPESETTING
 New era w/photo-chem proc, cold-type
 A 7/28/73 B1:1
 Adv's last ed to use 'hot type' A 7/30/73
 A1:1
 SB starts use of cold-type today S 7/30/73
 A2:1

**UAL, INC.**

See also UNITED AIR LINES, INC.

U-DRIVE CARS

See AUTOMOBILES-RENTING

UFO

See FLYING SAUCERS

U. S. O.

See UNITED SERVICE ORGANIZATIONS

UDALL, STEWART

Udall backs Hawn's Land claims S 3/28/73

C1:1

Udall hits hotels' waste of energy S 4/3/73

D1:2

Tells hope for land bill A 9/28/73 A1:7

Says Hawn lands bill readied for early '74

S 9/28/73 B1:4

UECHI, MITSUO, 1933-

Altiery, Uechi indicted for elec fraud & perjury

A 2/10/73 A1:1 S 2/10/73 A1:3

Cpgn-funding 'loans' for Altiery, Uechi

A 2/13/73 A1:4

Enters innocent plea in fraud case S 2/16/73

B2:1

Uechi cpgn fund violation charge dismissed

S 3/12/73 A1:5

Vindicated Uechi sees no politics in election

fraud decision A 3/13/73 A1:1 S 3/13/73

A2:1

Uechi suggests plan to assure no-fault

A 3/17/73 A4:1

City prosecutor B Chung accused of improper

legal steps in obtaining indictment against

Altiery, Uechi S 4/7/73 A3:5

UKULELE

Giving it greater recognition at fest S 8/14/73

B11:2

Fete draws 3,000 S 8/20/73 A2:3 A 8/21/73

D6:1

ULTRAMAR CHEMICAL CO.

See BREWER CHEMICAL CO.

UNEMPLOYMENT

See EMPLOYMENT

LABOR SUPPLY**UNEMPLOYMENT INSURANCE**

Out-of-state resident still eligible for jobless

benefits A 1/11/73 B5:1

Bills propose temporary disability insur &

unemployment comp for pregnant women

A 3/18/73 A17:1

Plan set for laid-off tchrs to receive unemploy-

ment A 6/7/73 C6:1

Unemployment registration swells with laid-off

tchrs A 8/14/73 A17:2

Teachers await jobless pay decision A 7/13/73

D2:1

Compensation awd for 8 suspended Matson

Terminal employes upheld by High Ct S 7/17/73

A20:1

Tchrs get jobless checks A 8/4/73 A8:1

Referee rules probationary tchrs weren't

eligible for unemployment compensation

S 9/24/73 A17:3 A 9/25/73 A4:1

Jobless pay application of pub sch tchrs for 2

wk strike in Apr rejected S 10/4/73 D4:1

UNEMPLOYMENT INSURANCE

St Dept of Labor not obligated to maximize

person's payments by explaining law to appli-

cant A 12/19/73 A7:1

Computer breakdown delays delivery of checks

S & A 12/23/73 A8:3

Tardy welfare checks mailed S 12/24/73 A14:7

UNICEF

See UNITED NATIONS INTERNATIONAL

CHILDREN'S EMERGENCY FUND**UNIDENTIFIED FLYING OBJECTS**

See FLYING SAUCERS

UNION OIL COMPANY OF CALIFORNIA

Plans restriction on 1st gas sales A 5/12/73

A9:1 S 5/12/73 A3:8

Takes gas-crunch steps A 12/1/73 A17:1

UNITED AIR LINES, INC.

\$10 mil loss on UAL Isle runs S 3/1/73

C5:1

Files request to cut air freight container rates

S 5/1/73 C15:3

Fashions for friendly skies A 5/17/73 D1

Higher learning-aboard UAL jetliner A 6/25/73

D18:1

Launches campaign to promote Hilo destina-

tion A 7/6/73 D8:4

Cuts rates on fresh pine S 8/31/73 B19:4

Not opposed to Hilo terminal S 10/24/73

A15:1

UAL head E Carlson hopes Haw keeps busy,

pure A 10/27/73 C7:1

To keep Hon sched S 12/19/73 A7:1

See also UAL, INC.

UNITED CHURCH OF CHRIST

Contributes funds to H-3 fight A 5/12/73

A15:1

Haw Conf urges amnesty for draft evaders

A 6/23/73 C2:1

Rev Richard Chun of Kauli new pres S 6/23/73

A7:3

See also CENTRAL UNION CHURCH

UNITED FUND

See also ALOHA UNITED FUND

UNITED NATIONS DAY

Anson Chong apptd State Chrmn for fete

S 7/16/73 B5:1

Celeb on Oct 24 S 10/17/73 C3:2

UNITED NATIONS INTERNATIONAL**CHILDREN'S EMERGENCY FUND**

Isle youngsters to 'trick or treat for UNICEF'

A 10/27/73 B3:1

UNITED PUBLIC WORKERS

Tentative agreement reached by non-prof

public hosp & Inst, workers A 1/23/73 A14:1

UPW to continue AFL-CIO ties S 1/23/73

B11:3

Epstein: Bickering must stop A 2/5/73 A11:1

Non-professional hosp., institutional workers

in Govt employment ratify contract A 2/24/73

A20:1

New union dues referendum sought A 4/6/73

A17:2

Harry S Chong fired from vice pres job

A 5/3/73 B7:1

Chong says bosses violated union rules A 5/5/73

A12:1

Oahu div gets new vesp but ousted one is

fighting A 5/18/73 A21:2

Hears appeal by Harry S Chong S & A 7/1/73

A3:1

Changes in leadership proposed A 7/4/73 E4:1

Ex ofcl H Chong gets reduced penalty

A 7/18/73 C5:3

Chong joins HGEA S 7/18/73 B6:1

3-day convention opens today A 10/4/73

A17:1

Warned to prevent drastic changes in bargaining

law A 10/5/73 A21:1

Myr says he's never been against ukupau system

for refus collectors S 10/5/73 B3:3

Fasi asks conv for 'give & take' relations

A 10/6/73 A5:1

1974

TRIALS

Former legis Chas Kauhane tells ct money for real estate came from syndicate figure Huihui A1/31/74 A4:2
 Entertainer H Ragsdale says syndicate took over booking agency A2/1/74 A3:1
 Lecca cleared of tax conspiracy; Pulawa, Huihui, Kaohu, R Wilson remain A2/6/74 A1:1
 Defama ends case A2/7/74 A3:2
 Syndicate case goes to jury S2/15/74 A1:2
 Hotels full; jury may go to Kauai A2/18/74 A1
 Pulawa, Huihui, Wilson, Kaohu freed in tax trial, then arrested for murder, kidnapping, conspiracy S&A 2/17/74 A1:2
 Heen will be judge at gang murder trial S2/21/74 A13:1
 Defense request to examine remains of 2 underworld gunmen denied in Pulawa trial A3/20/74 A13:1
 Las Vegas shotgun murders of Dubecks linked to Milano trial A3/22/74 A4:1
 Iasa forced into Chan murder, witness says A4/4/74 B1:1
 Iasa found innocent A4/11/74 A1:4
 Pokini & Iasa found innocent S4/11/74 A1:2
 Picking a jury for Nery-Iha murder trial A5/1/74 A7:1
 Dead physician, Paul Pfeiffer, cleared by jury S5/3/74 C2:5
 Pokini denied bid to dismiss murder counts S5/10/74 A5:1
 Pokini killed 12-yr-old Doris McCoy w/ pickax, jury told S5/13/74 A1:5
 Pokini convicted, sentenced to life A5/18/74 A7:1 S5/18/74 A1:7
 Pali shooting victim C Eichenlaub testifies; chf witness says he didn't see it S5/21/74 A1:1
 Pali verdict is guilty A5/23/74 A1:1 S5/23/74 A1:1
 Epperson will testify at King trial A6/14/74 C7:1
 Jury chosen for Nery-Iha murder trial A6/21/74 A2:2
 Nery-Iha murder witness accused S6/21/74 A1:5
 Tale of Mokuia murder related by star witness A7/2/74 A3:4
 Roy Ryder, Sr admits he thought of killing defendants S7/4/74 B1:1
 LA coroner to testify in Oahu murder trial S7/6/74 A2:1
 LA expert verifies bullets killed Iha & Nery A7/9/74 A8:1 S7/9/74 A12:2
 Mistrial; conspiracy charges too late A7/12/74 A6:1
 2 trial dates set for Pokini A7/13/74 A7:4
 Judge considers acquittal for Robert Chang, new jury trial A7/20/74 A13:1
 Parks denies slaying Meacham had racial links S8/6/74 B3:1
 Chang refuses to withdraw as judge in Pokini case A9/7/74 A1:2
 Parks acquitted in murder case S8/7/74 A1:5
 Samuel Kamae III gets OK to appeal as indigent S10/1/74 F7:1

TRIO PROJECT
 Filipino club, Susi Ng Pilipinas, is integral pt of Leeward Cmnty College proj A3/29/74 C1:1

TRIPLER ARMY HOSPITAL
 Has ultrasonic machine that takes instant pictures of fetus S1/17/74 C4:1
 To honor volunteer Mrs Fred Loibl for 7,000 hrs of svc A4/3/74 C6:2
 New Chief, Maj Gen William A. Boyson, arrives S7/12/74 B6:1
 Doctor shortage will skip Tripler S7/15/74 A12:3
 Maj Gen Wm Boyson new cmdr; cmd base now Ft Sam Houston, Texas A7/16/74 A7:2
 Shortage of doctors only crisis as it adjusts to quiet of post-Vietnam times S8/11/74 F3:1
 May be moved downhill—The Armed Forces Column S11/28/74 C11:1

TRIPLETS

Rosa Maria Negron has triplets A6/31/74 A1:4 S8/31/74 A3:1
 Rosa Negron has 3 girls A9/27/74 B1:1
 Gifts pour in for Rosa Negron A10/11/74 A3:2

TROBRIAND ISLANDS

Paradise where even love is free S&A 5/19/74 C11:1

TRUCK DRIVERS

See MOTOR TRUCK DRIVERS

TRUCKING

Strike averted S&A 6/16/74 A1:4
 US will enforce Isle truck safety S7/26/74 B8:1

TRUCKS

Rutledge demands safety checks on Isle trucks S5/2/74 A18:1
 Edit: If St can't enforce truck, bus safety regulations, fed govt should take over S5/14/74 A12:1
 Volunteers with trucks needed to bring in landfill dirt for Honokal Hale Pk A9/11/74 C2:8
 Oahu truckers consistently violate speed limits S11/12/74 A2:1

TRUK

Peaceful again, Truk finds use for war relics A10/18/74 A20:1
 Japanese 4th Fleet, well-preserved memorial in lagoon A12/6/74 D22:1

TRUST COMPANIES

See also HAWAIIAN TRUST CO.

TRUST TERRITORY OF THE PACIFIC ISLANDS

Edit: Micronesians now maneuvering for time re future status S2/15/74 A18:1
 Edit: Bldg solid new value system S2/27/74 A18:1
 Edit: Divided Micronesia S4/1/74 A12:1
 Edit: Hope for agreement on Micronesia's pol future A6/9/74 A14:1
 Paksu to secede? S6/30/74 B8:1
 Truk Sen T Nakayama sees independence as option S5/31/74 B3:1
 Faces Marshall Isles loss S6/1/74 A1:1
 Edw E Johnston wants to be last high commr S6/5/74 C5:1
 2 unknowns cloud Micronesian confab S6/12/74 A14:1
 Chief Justice Burnett voids 'pot' curbs A8/3/74 A6:1
 Military surplus sales probed S8/3/74 A1:4
 GAO joins investigation of money mismanagement S9/2/74 A8:1
 Tinian mayor upset over planned military base S9/24/74 D7:1
 Talks end here on TT S10/31/74 A5:1
 Time near for decision on future S11/13/74 A21:1
 Edward Johnston may lose post as High Commisioner S12/14/74 A1:1
 See also MICRONESIA

TRUSTS AND TRUSTEES

Juliette M Atherton & F C Atherton trusts, Castle Foundn awd S113,700 in awds A5/22/74 F11:1
 Atherton, Castle, Frear & Russell trusts gave \$1,771,274 in grants in '73 A7/17/74 C5:1
 See also ATHERTON TRUST

TSUCHIYA, BURT K., 1937-

Seeks reelec to Kauai County Cncl S7/11/74 B5:1

TSUKIYAMA, DONALD

Public defender's office thrives under mgt S&A 3/3/74 A6:1

TSUNAMI

See TIDAL WAVES

TUBERCULOSIS

State sees risk in relaxation of TB requirement for immigrants A8/31/74 A1:2
 Immigrants TB checks to continue A11/7/74 B5:2
 See also KULA SANATORIUM & GENERAL HOSPITAL, KULA, MAUI

TUBERCULOSIS

LEAHI HOSPITAL

TUGBOATS

Geo K Panul, capt of the Mamo tells of what it's like S8/27/74 C1:1

TUNA FISH

Samoa cannery plan attacked S1/25/74 D5:1
 Tuna men defend bait bill stand S4/17/74 D6:1
 New tuna fisheries program for the South Pacific S10/8/74 C8:1 A10/11/74 D10:3
 Study finds albacore tuna still plentiful S11/26/74 A12:2
 Castle & Cooke's tuna plant construction plans in Am Samoa suspended by drought S12/12/74 E1:5

TUNNELS

Boring of spec bus-tunnel btwn 2 existing tunnels on Pali & Likalike Hwys studied S&A 2/24/74 A6:2

TURTLES

See turtle protection code ready S1/8/74 B6:2
 Proposed reg for protection of marine turtles in Hawn waters approved S3/9/74 A3:1
 Edit: protecting diminishing species S4/4/74 A20:1
 Animal Species Advisory Cmn agrees on protection rule S4/6/74 A3:1
 Steak ban begins tmrw A5/29/74 A5:1
 Edit: New regulations re endangered S5/31/74 A20:1

Turtle rescues women at sea A6/22/74 A16:1

Chinese softshell found in Kapalama Canal A8/21/74 A1:8
 Loophole puts green sea turtle in frying pan A9/18/74 A3:3
 J C Penney Co, Inc removes turtle jewelry when it learns it's illegal S9/18/74 A6:1
 Green turtle 'loophole' clarified A9/23/74 A7:3
 Turtle 'farmer' says he saves wild animals S9/24/74 B2:1
 Turtle farming not favored—expert A Carr says his words taken out of context A10/26/74 C14:1

TUTTLE, DANIEL WEBSTER, 1925-

Tells Haw Econ Assoc people should be more in control A8/30/74 A12:1

TWIGG-SMITH, WILLIAM

Hunt on for Twigg-Smith art S&A 7/28/74 A2:1

TWINS

Sonorla brothers go their own way—Vietnam vets with different views A10/28/74 A3:2

2000 (YEAR)

See YEAR 2000

TYPESETTING

10 yrs of printing 2 local dailies help buy career educ for T Jordan A4/12/74 B5:1

TYPHUS

Disease-carrying rats found on Maui S12/27/74 A1:1 A12/28/74 A5:1

TRUSTS AND TRUSTEES

Frear Trust gave \$128,250 in grants
\$6/17/75 E8:1
\$40,000 in grants made by Sophie Russell
Trust \$7/30/75 B1:1
Juliette Atherton, Samuel & Mary Castle,
F.C. Atherton trusts pay out \$1.8 mil
\$10/24/75 D6:1

TRUSTS, INDUSTRIAL

Haw St Atty Gen Amemiya testifies in
Congress in favor of amendments to
Clyton Antitrust Act A6/11/75 A9:1
4 tour companies accused of price-fix
conspiracy A10/3/75 A7:1
3 isle tour figures, 4 tour companies
indicted on price-fix conspiracy \$10/4/75
A1:7 A10/4/75 C1:1
U.S. denies antitrust indictments of sugar
firms are faulty \$10/16/75 E4:1
C & H Sugar countersues in antitrust case
\$10/16/75 E4:1
3 tour firms, 2 individuals plead innocent to
antitrust law violations A10/21/75 A7:1
\$10/21/75 C9:2
State reevaluating antitrust suit against
Haw Tel A11/7/75 A3:2

TSUCHIYA, BURT K., 1937-

Proposes decentralization of government
for Kauai A11/28/75 A7:1

TSUNAMI

See TIDAL WAVES

TUBERCULOSIS

Rise seen here—result of rampant
immigration requirements A2/13/75 A7:1
See also LANAKILA CRAFTS
LEAHI HOSPITAL

TUGBOATS

Robt Bone series on Capt. Leo Lomski's
life with tugs and barges A5/5/75 B1:1
A5/8/75 B1:1
See also YOUNG BROTHERS, LTD.

TUNA FISH

Boycott of "light meat" or "chunk light"
tuna by Sierra Club until porpoises no
longer killed \$1/18/75 A11:1
St officials hope to develop tuna
resources, establish Haw-based purse
seiners \$5/7/75 E5:1
Castle & Cooke buys 12 "purse seiners"
from Gann, now has 1 of 3 largest tuna
fleets in U.S. A6/8/75 E8:1
Fishermen try baking nails to prevent
natural "cooking" of ahi \$8/2/75 A1:1
Haw possible major Pacific center for
canning tuna A10/24/75 A1:2
Tuna bait law upheld \$10/24/75 A7:1

TURTLES

Stuffed hawksbill turtle is defendant in suit
A1/9/75 A1:3
Hatchling hawksbill found in tidal pool
near Malaekahana, Windward Oahu
\$1/17/75 A14:1
More to green sea turtle than shell, says
scientist George Balazs \$2/27/75 F2:4
Green sea turtle found in possession of
Maui man; he faces fines \$3/5/75 A4:2
Transplanted green sea turtles go home to
Fr Frigate Shoals \$5/16/75 C8:1
For sale: matamata, bizarre turtle, by Paul
Breese \$8/23/75 A12:4
Honolulu Zoo's Galapagos tortoise
A11/21/75 A3:2

TUTORS

Leeward Community College project
trains tutors to battle illiteracy
\$12/5/75 D2:1

U

U.A.L., INC.

See UNITED AIR LINES, INC.

U-DRIVE CARS

See AUTOMOBILES—RENTING

UFO

See FLYING SAUCERS

UKULELE

Kamaka Hawaii Inc; ukulele factory in
Kakaako S&A4/27/75 C1:1
Letter to ed: pronunciation of \$5/9/75
A19:7
ESP (Extra Strumming Power) works on
ukes and rehabilitation A8/7/75 D1:1
3000 at 5th annual ukulele festival
\$8/25/75 A1:2
George Perry's ukulele—was it first heard
here? A9/17/75 A1:2
Bob Krauss series on A10/13/75 A1:2
A10/14/75 A1:3 A10/15/75 A1:4

UNDERWATER HABITAT

See AEGIR

UNEMPLOYMENT

Hawaii's rate at 7.8% on Nov. 30, 1974
\$1/3/75 A1:3
If only primary workers are counted,
unempmt would be 2.1% S&A1/5/75 D8:1
Hawaii receives \$5 mil from US for public
service jobs \$1/6/75 A1:1
300 jobs sought by 1000 on Oahu A1/7/75
A8:1
Maui, Kauai & Hawaii counties qualify for
Federal jobless aid \$1/7/75 A16:1
Recruitment for 300 public service jobs
ends today \$1/7/75 A16:1
Series by Sanford Zalburg: Wanted a job
A1/8/75 A1:1 A1/9/75 A1:2 A1/10/75 A1:3
A1/11/75 A1:2 A1/13/75 A1:2
Sketches of the jobless looking for 300
federally subsidized jobs A1/8/75 A4:7
2000 final number to apply for new public
service jobs on Oahu \$1/8/75 A13:1
9% unemployment seen by June \$1/18/75
A4:1
Isle jobless rate declined to 6.9% in Dec
\$1/24/75 A1:1
Survey of isles shows decline in overall
unemployment A1/25/75 A3:2
Isle jobless rate rises to 7.1% A2/27/75
A3:5
Bentsen, Sen from Texas, says more road
construction could help unemployment
A3/4/75 A3:5
Hawaii jobless rate drops A4/1/75 A1:3
3,000 more jobless during March \$5/5/75
A1:4
Supreme Court decision allowing
unemployed fathers to refuse
unemployment compensation benefits for
higher welfare benefits expected to have
little impact here \$6/12/75 A15:1
City puts freeze on hiring for public service
jobs to combat dwindling Fed funds
A6/19/75 A3:2
State jobless rate up to 7.3% in May from
7.2% in April A6/25/75 A9:1
Jobless line, some need the money, some
don't A7/24/75 C2:1

UNEMPLOYMENT

State Labor Dept forced to revise
unemployment estimates downward
\$7/28/75 A1:2
The voluntary unemployed, by B. Creamer
\$7/30/75 D1:1
Jobless rate falls A8/1/75 A8:1
Summer hiring causes rate decline to 7.4%
\$8/23/75 B4:1
When a man loses his job, by B. Creamer
\$9/11/75 F1:1
Rate jumped to 7.9% in Sept A10/24/75
A6:1
Carpenters feel pinch as work lines grow
\$10/31/75 A1:4
City qualifies for Fed loans because of
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