

SHARKS HAWAII

1920s-1990s

G.H. BALAZS
FILE

SHARKS

NEWS
PAPER
ARTICLES

HAWAIIAN ISLANDS

Honolulu Star-Bulletin

Published by Gannett Pacific Corporation

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QUOTABLE

■ "Let's drive to survive."

— *Honolulu Police Chief Michael Nakamura's advice to motorists.*

■ "Obviously, there are a lot more traffic deaths than there are deaths from sharks in Hawaii."

— *George Balazs, zoologist with the National Marine Fisheries Service.*

■ "What can be said about young people who say such things as 'I feel like killing someone' and then act on this senseless impulse? We cannot tolerate this counter-culture. And I tell you we will not."

— *Mayor Sharon Pratt Dixon of Washington, D.C., on city crime.*

■ "It scares me to think we would have full-time politicians ... They could get full-time into the bureaucracy."

— *City Councilman John DeSoto, against a full-time City Council.*

■ "This isn't some pleasure trip we're making to Hawaii. I'm not so worried about our guys lying around in the sun or going to the beach."

— *Coach Lou Holtz, whose Notre Dame team plays UH here Saturday.*



University of Hawaii at Manoa

A Sea Grant College

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Marine Advisory Program
2349 Kalanianaʻole Avenue
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(808) 935-3830

July 16, 1981

Mr. George Balazs
National Marine Fisheries Service
Honolulu Laboratory
P.O. Box 3830
Honolulu, Hawaii 96812

Dear George:

I've checked with the police department on the species of shark that was seen near the drowning victim but no one identified the shark.

According to Kika Cooper, one of the surfers in the area, the shark was probably a tiger shark that had been seen about that time.

Dr. Park, pathologist at the Hilo Hospital, did describe 3 different size bites, 8" 10" and 12" inches. But there was no evidence of shark teeth on the corpse.

That's all the information available. As the victim didn't seem to have relatives or concerned friends, I guess by the time his body was discovered all the damage had been done.

How was F.F.S. ? Would like to hear about it sometime, and about your rescuing the monk seal pup. Great news about the nesting of the turtle year tagged at South Point! Look forward to seeing you again on the Big Island soon.

Aloha,

Howard A. Takata



WAIKIKI AQUARIUM

April 15, 1981

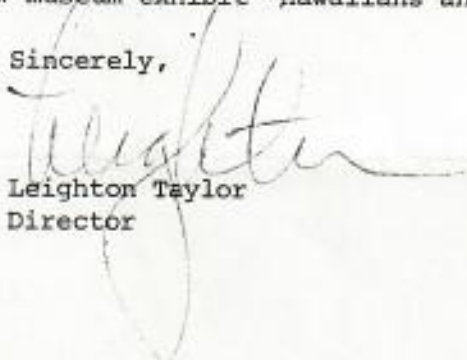
Mr. Spencer Tinker,
1121 Hunakai Street
Honolulu, Hawaii 96816

Dear Mr. Tinker:

Thank you very much for your informative reply to my inquiry regarding the great white shark model here at the Aquarium. I have inquired of Mr. Bryan and Dr. Emory through Jack Randall, the ichthyological curator at the museum; but no one seems to know the origin of the once-living template of the model.

Thank you for your assistance - we hope that you will have the occasion to visit the Aquarium soon and see our new museum exhibit "Hawaiians and the Sea".

Sincerely,


Leighton Taylor
Director

LT/rn

cc: George Balog

SPENCER TINKER
1121 Hunakai Street
Honolulu, Hawaii
96816

March 30, 1981

Dr. Leighton Taylor
Waikiki Aquarium
2777 Kalakaua Avenue
Honolulu, Hawaii 96815

Dear Dr. Taylor:

I have before me your letter of March 18th in which you wonder about the history of the great white shark model which you inherited from Mr. Charles DeLuca.

It was a victim of one of the "master strokes" of logic of a new arrival at the Bishop Museum. For a time the Museum had a preparator named John W. Thompson who spent considerable energy preparing and painting casts of Hawaiian fishes. These casts were on exhibit on the upper floors of the Hawaiian Hall. I regarded them as quite good both in detail and in their scope for they included some quite rare species. Thompson frequented the fish market and I suspect must have been doing so under the urging of Dr. Henry Weed Fowler. I suspect that Fowler told Thompson that he (Fowler) would name any new species found after Thompson for there are about seven species bearing Thompson's name. I am quite certain that Thompson made this cast.

Then along comes Dr. Roland Force, tall, beautiful, opinionated, but lacking experience in the real world. He removed the fish casts and replaced them with Oriental stuff which was unrelated to natural history. He was a great empire builder and overdid it a bit. In throwing everything out, he got in his own way and threw himself out. Actually, he hired a Dr. Terence Barrow from New Zealand into the Anthropology Department and then dismissed him a year or so later; this resulted in a suit in which Barrow won a judgment and Force's resignation followed.

I think Thompson made your shark. It was tossed ^{out}, someone heard about it, and I sent a truck to pick it up. We strung it up in the Aquarium and Mr. DeLuca worked it over. I think that it is a cast of a live/fresh shark because its belly is too large, suggesting that it was lying on its side; but I do not know.

Three people at the Museum might know about it. Try E.H. Bryan, Jr., since 1919; Kenneth Emory, since 1920; and possibly Miss Margaret Titcomb, the librarian since 1931. All of these people are in their 80s and 90s; I think Bryan would know. I do not.

In conclusion, I have no data on this beast.

Very truly yours,

Spencer Tinker

98 Hono S-B
8/3/83

Service Set for Scientist Lost in Sea

A memorial service will be held at 6 p.m. Sunday at the Punahou School chapel for Dr. Dennis M. Devaney, 45, of Kailua, Bishop Museum scientist and author who disappeared while scuba diving Aug. 13 off the Big Island's northwest coast.

Extensive searches by Hawaii county, state and federal agencies and by the museum and other private parties failed to locate the diver.

The family requests that flowers be omitted and that memorial gifts be directed to the Bishop Museum where Dr. Devaney was chairman of the Department of Zoology and head of the Division of Invertebrate Zoology.

He joined the museum staff in 1967 as an assistant invertebrate zoologist and became head of the Division of Invertebrate Zoology in 1968 soon after earning his doctorate from the University of Hawaii. In that position, he organized and augmented the collection, frequently contributing his own specimens to the project.

In 1979, he assumed additional responsibilities as chairman of the museum's zoology department. He was also a member of the affiliate graduate faculty of the UH's zoology department.

Dr. DEVANEY'S numerous research programs included studies on evolutionary biology and zoogeography of starfishes, sea urchins and their relatives, as well as many other invertebrates such as shrimp and marine worms of the Indo-West Pacific and other tropical areas.

He had been working since 1973 on reorganization of the Mid-Pacific Marine Laboratory reference collection at Enewetak, Marshall Islands.

He obtained a National Science Foundation grant in 1980 for the care and reorganization of the Bishop Museum's invertebrate zoology collection, including incorporation of the collection at the Honolulu Laboratory of the U.S. National Marine Fisheries.

Dr. Devaney was the principal editor of the revised and expanded version of "Reef and Shore Fauna of Hawaii," a Bishop Museum publication, and was a co-author of the volume "Kaneohe: A History of Change."

"He was an excellent scientist who contributed much to our understanding of marine invertebrates in Hawaii and the Central Pacific," said Albert H. Banner, professor emeritus of zoology at the UH and honorary associate of the museum.

Bishop Museum Director Edward Creutz said, "We who knew Dennis and his work mourn this major loss of an important scientist. Under Dr. Devaney's direction the museum's zoology department became an important contributor to the interdisciplinary studies of Hawaii and the Pacific that are the hallmark of Bishop Museum research."

His survivors include his wife, Gail; daughter, Denise; a son, Leon; and his mother, Janet Devaney.

A Shark God and a Dry Dock

DRY DOCK No. 1 was the first dry dock in Pearl Harbor and still retains its status as the most famous of all dry docks in the Pacific.

That's because of (1) a Hawaiian kahuna, a man called Kupuna Kana-keawe; (2) a shark god, sometimes called Ka'ahu-pahua, sometimes Ka-au-pahau, and sometimes even Ka'ehu; and (3) the Japanese attack of Dec. 7, 1941, which caught the U.S. battleship Pennsylvania and the destroyers Cassin and Downs bottled-up in dry dock No. 1.

When the pictures of the ruined destroyers in the drydock were finally published, many Americans thought they were caught like sitting ducks by the attacking Japanese aircraft.

They were.

Neither destroyer was saved, but much of their gear was salvaged and used aboard other U.S. destroyers in combat.

Since it was already in drydock, the battleship Pennsylvania was soon repaired and off on combat missions.

If you know your dry docks, they operate something like canal locks. When flooded and full-of-water, dry docks open their doors, which are mostly under water but extend far enough into

A kahuna at Pearl Harbor.

the air to accommodate the highest tides. When the doors are open, ships float in. When the doors are closed, water is pumped out, and the ships settle onto cradles which hold them upright.

IN DRY DOCK, hulls and propellers can be cleaned, repaired, and replaced. While the hull is worked on, bulkheads and gear inside are fixed.

Massive cranes alongside drydocks service and replace gun turrets and other heavy below-deck and above-deck gear.

When the U.S. Navy acquired Pearl Harbor, it wanted a dry dock. Dry dock No. 1 was started in 1909.

The U.S. Navy footed the bills, planned the dry dock and furnished inspectors and engineers from the Mainland to insure that Hawaiian Dredging Company (the contractors) followed the plans.

Tales of Old Hawai'i



By Russ Apple

Take-home pay for the workmen was about \$60,000 a month. This was in cash — before the days of checks and payroll deductions.

Now enters the Hawaiian priest Kana-keawe, whose more full and correct Hawaiian name remains a family secret. His jurisdiction included the site of dry dock No. 1.

Newspapers of 1910 described him as "wizened" and said he was more than 80 years old. The haole inspectors and engineers from the Mainland — and a few local haoles — thought the old man was "cute" and could do no harm with his warnings, his weekly offerings to Pearl Harbor's shark god, and his frequent visits to the job site.

Kahuna Kana-keawe said dry dock No. 1 was being built right over the home of the shark god.

EVERY WEEK the kahuna dove down in the dry dock's vicinity with a net of fish. The fish were an offering to appease the shark god and help protect the many Hawaiians on the payroll.

One by one, more than 2,500 piles were driven in the coral floor as a foundation for the drydock.

Some people said there was an accident or some kind of trouble for almost each of the piles.

Finally, an eight-foot thick slab of reinforced concrete was poured on the bottom of the drydock.

On Feb. 17, 1913, the dry dock was pumped dry.

When all the water was out, the bottom slab ruptured. Geysers shot water higher than the top edge. Massive timbers splintered.

Some workmen barely escaped as the dry dock filled up.

It was back to the drawing board for the U.S. Navy. A new type of naval engineering evol-

ed. Hydrostatic pressure was the scientific explanation of the disaster.

WHILE THE NAVY redesigned the dry dock, other Hawaiians tried to fix things up with the shark god. Some say this was done with a proper ceremony one dark night.

Others say that the Navy found another kahuna through some friendly Hawaiians and proper ceremonies were done in daylight with admirals present.

Perhaps both went on.

In the redesign, the Navy lengthened the dry dock from 800 feet to more than a thousand feet. That's why on Dec. 7, 1941, there was room for two destroyers side-by-side ahead of a battleship.

Dry dock No. 1 was dedicated Aug. 21, 1919, by the secretary of the Navy. Dry dock No. 1 has been in use ever since.

When pumped dry for the ceremony in 1921, one source said there was found lying on the dry dock floor, a skeleton, more than 14 feet long, of a shark.

Help from the Shark God

WHEN KUPA, the ruling chief of the eastern end of Moloka'i island, went fishing, his whole staff went along. That left no one to guard his heiau and housing complex in the gulch behind the canoe launching harbor and adjacent fishpond of Puko'o.

Now come the culprits — the two sons of Kamalo, a junior priest of the neighboring gulch of Kalua'aha.

Kamalo's sons entered the vacated heiau of the ruling chief, found his drums, and tried out a few rhythms.

Kupa's drums were built to be heard. Heard they were by the people of Puko'o. Although not permitted to approach the sacred heiau, they did come close enough to see the unauthorized drummers leave.

When Kupa returned, he was as eager to hear about the incident as his people were to tell.

Two young men, the sons of Kamalo, were the next human sacrifices on the altar of Kupa's heiau in Puko'o gulch.

Kamalo sought revenge.

BUT KAMALO himself did not have enough spiritual power —

*The shark god helped
Kamalo gain revenge
against the chief Kupa.*

Tales of Old Hawai'i

By
Russ and
Peg Apple



But when they heard Kamalo's story, they offered to hide him under a pile of taro skins until the chance came for him to tell Kauhuhu his story.

KAUHuhu ARRIVED home on the eighth wave of a set, as usual. When Kauhuhu entered his cave he smelled man. His search was short and successful only because Kamalo's black pig squealed.

Black pigs squeal in the presence of Polynesian gods and high chiefs — a fact Kamalo should have known.

mana — to cope personally with a ruling chief as powerful as Kupa. Kamalo needed help.

There wasn't a priest on topside Moloka'i who would help. Kamalo carried a black pig with him as he asked first Lanika'ula, then Kaneakama, to join with him in bringing death to Kupa. Neither of these famous priests would help, even in exchange for the fine, black pig.

Kamalo was down to his last priest. Kahiwaka'apu'u lived on Kalaupapa Peninsula and served at the heiau dedicated to the terrible shark god Kauhuhu.

Kamalo loaded the black pig on his shoulders and climbed down the cliff to Kalaupapa. Kahiwaka'apu'u would not help either, but directed Kamalo to the cave in the cliff where the shark god lived.

Shark god Kauhuhu was away swimming, but had left two giant lizards to guard his home cave. They are known in legend as Waka and Mo'o.

Kauhuhu was always hungry when he returned from swimming, and Waka and Mo'o were glad to see a man approach the sacred cave. He would make a fine meal for Kauhuhu.

Kamalo's head was in Kauhuhu's mouth before he could petition the shark god to listen.

"Speak fast," said Kauhuhu. Kamalo did, and offered the pig to the shark god as he spoke.

Kauhuhu agreed to help. Kamalo was to carry the priest Kahiwaka'apu'u on his shoulders up the cliff to topside Moloka'i. The shark god's priest was to join Kamalo at Kamalo's heiau in Kalua'aha. The two priests were to upgrade the heiau by building a kapu fence around it, and mark each corner with sacred sticks flying white tapa cloth.

They were to collect 400 black pigs and 400 white chickens. Then they were to wait until Kauhuhu came — the sign would be an unusual white cloud over the island of Lana'i.

Hawaiians on Moloka'i call the storm that follows such clouds the Wai-o-koloa.

MOLOKA'I'S NEXT Wai-o-koloa storm brought lightning and torrents of rain. One torrent caused a flood in Puko'o gulch that broke down Kupa's heiau and washed him and his people down the gulch into Puko'o harbor. In the harbor, waiting, were Kauhuhu and a host of his shark friends. They feasted well.

Another torrent caused a flood in Kalua'aha gulch, but the flood passed on either side of Kamalo's heiau. Kamalo, Kahiwaka'apu'u, pigs, chickens, and their human friends were spared.



JAWS—Leighton Taylor, director of the Waikiki Aquarium, looks into mouth of huge shark caught this week off Kaneohe as assistant Ralph Alexander helps hold shark's jaws open. Taylor says "Lips" would be a more appropriate name than "Jaws" because of the shark's small teeth. Scientists have nicknamed the shark "Megamouth" and put it on ice while they attempt to determine if it is a new species.

Huge Shark May Be

By Bruce Dunford

Associated Press Writer

"Megamouth," a huge, deep-sea shark caught by accident off Kaneohe and thought to be a new species, has the jaws of a movie star. But scientists say his feeding habits probably would make him less than fearsome.

The 12-foot, 1,500-pound shark was hauled in Monday from a depth of 500 to 1,000 feet about 1,000 yards out from the Kaneohe reef. He had become entangled in the parachute-like anchor lines of a Navy research ves-

sel and apparently suffocated because he could not move enough to provide respiration.

"It was just a fortunate circumstance for us," said Leighton Taylor, director of the Waikiki Aquarium. "An unfortunate one for the shark, however."

Taylor and another ichthyologist, Paul J. Struhsaker of the National Marine Fisheries Service, are studying the fish, which has been placed on ice at a Honolulu tuna cannery for preservation until a container its size can be built.

"WE THINK it's a new species, a new genus and a new family of shark," Taylor said.

Scientists at the Scripps Institute in La Jolla, Calif.—after hearing a description by telephone—agreed the shark probably had not been identified previously, he said.

Taylor said he gave the shark the nickname "Megamouth" because its mouth is "huge." But he said that judging from the rows of small, needle-like teeth, the shark fed on small sea life and wouldn't even have been tempted by a baited hook.



NEW SPECIES—Bruce Carlson of the University of Hawaii examines a shark caught near Kaneohe. Scientists think the 12-foot-long, 1,500-pound shark may be a previously unidentified species, genus and family of shark. —Star-Bulletin Photos by Terry Luke.

New Species

"We'll know more about what he eats when we cut him open, but we don't want to do that now because it would make things kind of messy down at the cannery," he said.

The shark's feeding habits are similar to the temperate basking shark or the whale shark, Taylor said, "but he's definitely not one of those."

THE SHARK was identified as a male. Taylor said there was some calcification of the bones, showing that the fish was mature.

He also said the shark may have been equipped with a headlight.

"There is some evidence he can produce bioluminescence because there appear to be photophores in the mouth area," Taylor said. He said many fish living at the shark's depth can produce light.

After he's been thoroughly studied, classified and catalogued, "Megamouth" probably will be displayed either at the Bishop Museum here or at the California Academy of Sciences in San Francisco, Taylor said.

16 Sharks off Kauai

Star-Bulletin

Section

F

time to remove the urea from the blood which otherwise would give the fish an unpleasant taste and odor. The meat is then stored in ice.

NAFTEL, THE SKIPPER, said that the Easy Rider carries a complement of five vocational students, and crews are changed from time to time. He said the SeaFlite hydrofoils give free transportation to the student crews, which he said is "a big help" to the program.

The boat worked the leeward waters of Maui for two 10-day periods before coming to Kauai, but a comparison of the shark populations in the two areas is not yet possible.

The shark program will be explained at a public meeting in Lihue Saturday, in which two fisheries specialists will take part. They are Leighton Taylor, of the University of Hawaii, who is director of the aquarium, and Kenneth Kawamura, associate dean of vocational training.

Tuesday,

September 14, 1976

Easy Rider on 'Man Eats Sharks' Prowl Special Boat Catches

By Paul Stoffel
Kauai Correspondent

LIHUE, Kauai—A specially equipped fishing boat, the 85-foot Easy Rider, reported today it caught and killed 16 sharks on the first two days of a 10-day sweep around Kauai's south coast. The catch included four tiger sharks, some as long as 15 feet.

The State-sponsored Easy Rider was sent to Kauai at the request of a Koloa community group concerned over the killing of a youth by sharks recently off the Poipu coast.

The craft started work Sunday outside Nawiliwili harbor and today was to work off Makehuela Point, where the tragedy occurred.

THE SHARK KILLER craft uses a series of three mile-long lines armed with 72 steel hooks to catch the predators.

The Easy Rider has a dual mission: It seeks to kill sharks and to establish a market for the meat in a "man eats sharks" program. It also trains marine technology students of Leeward Community College in fishing techniques and seamanship.

Gary Naftel, who is skipper and part owner of the Easy Rider, said the 10-day Kauai voyage is financed with \$15,000 contributed by the State Department of Economic Planning and Development and the Governor's Marine Affairs Office.

THE STATE, HE SAID, is seeking to develop ways to prepare and sell the shark meat through commercial channels. He said it has had a good reception in Oahu, where 60 buyers last week purchased 1,000 pounds of the meat. All but one of the buyers said they wanted more.

The Easy Rider will seek to supply part of this demand with shark meat from its Kauai expedition, and will take its week's catch to the Oahu fish auction Monday.

The Kauai cruise is scheduled to cover the south and west coast from Nawiliwili to a point beyond Barking Sands. This initial effort is expected to provide data on how many sharks there are, what kind and whether they can be commercially fished.

ASSISTING IN THE Easy Rider's work is Vic Faughnan, a specialist in shark fishing, and several Leeward faculty members who assist in teaching the students.

Faughnan said that the secret of getting the shark meat to the market in attractive condition requires a fast handling aboard the Easy Rider. The caught sharks are weighed, measured, gutted and cut into usable chunks.

The meat is immersed in ice cold brine for a



KILLER KILLED — This 15-foot tiger shark is one of 16 killed during the shark hunt off the Kauai coast.

Shark Project Points

By Paul Stoffel
Kauai Correspondent

LIHUE, Kauai — Easy Rider, the especially equipped shark hunting boat, caught and killed 32 sharks during a seven-day sweep off Kauai's South Coast last week.

According to Gary Naftel, skipper of the research boat, the Easy Rider brought more than 2,500 pounds of white sharkmeat to market in Honolulu Monday.

The meat was sold on consignment to Tamashiro's Market and the Tamura and Horimoto fish markets. The shark meat also will be available at Times Supermarket and Dai'ei.

Although prices varied, Tamashiro had shark steaks on sale at 75 cents a pound.

INCLUDED IN the Kauai catch were 16 tiger sharks, which are the biggest and most aggressive of the ferocious sea beasts. There also were nine sand bar sharks, six galapagos and one gray reef shark.

The Easy Rider did not catch a mako, brother to the great white shark, in Kauai waters, but did get one weighing about 1,200 pounds on a foray into Maui waters, it measured 11 feet and is believed to be the largest mako ever caught in Hawaiian waters.

Naftel said the prime purpose of the Easy Rider's work is to promote the State's "man eats shark" program, and not just to kill the fish.

Shark meat, properly handled is "delicious," Naftel said, and its reception on the Oahu market will be the key to a possible expanded commercial fishing activity. The meat is high in protein and vitamin A, he said, and low in mercury.

Naftel said there are a number of opportunities for fishermen to profit from sharks besides sale of the meat. The teeth, for example, are in demand for souvenirs and may be worth \$160 or more. The fins bring fancy prices—sometimes as much as \$22 a pound—for shark-fin soup.

He figures that an auction price of \$1.25 to \$1.50 a pound will make it worthwhile for commercial fishermen to process and sell the shark

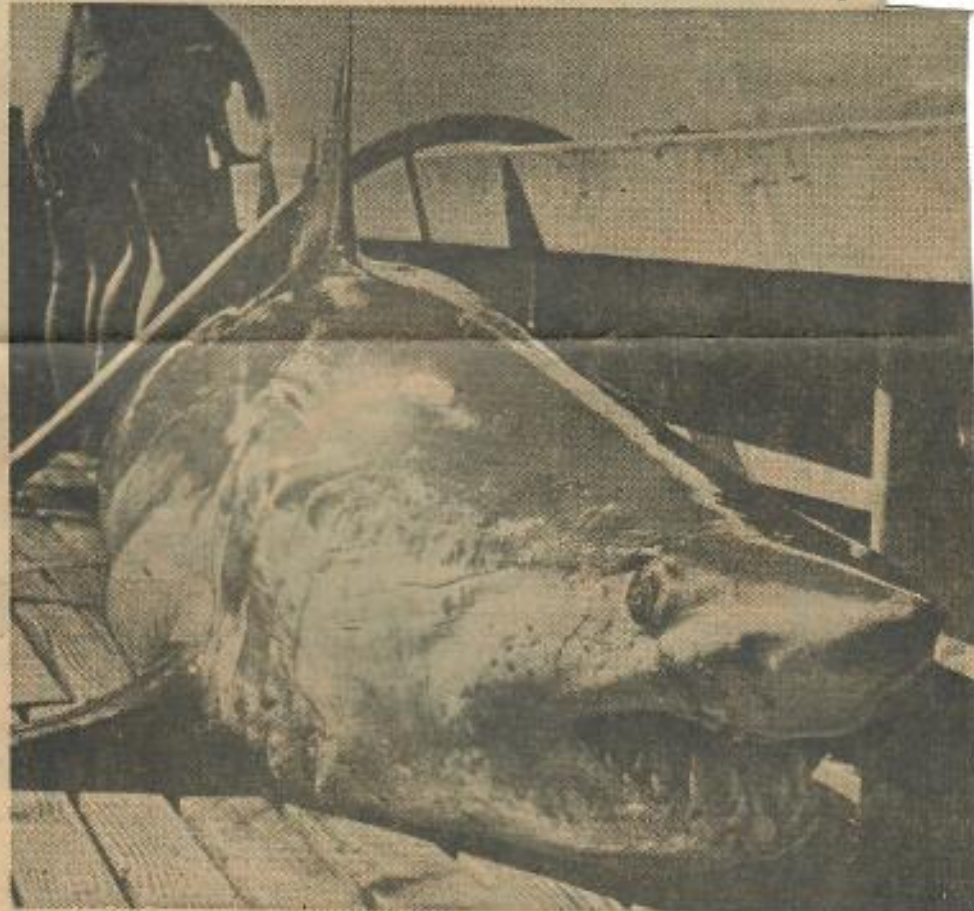
meat they often catch while fishing for other types of fish.

LINDA McCREREY, marine recreation specialist, said that a Kauai workshop held here Saturday was one of a series being sponsored by the University of Hawaii's Sea Grant Service, which will seek to help commercial fishermen adapt the catching and handling tech-

niques worked out on the Easy Rider.

Taking part in the workshop were four marine technology students from Leeward Community College, who were a part of the crew on the Easy Rider's shark hunts in both Maui and Kauai waters. Three biologists and zoologists contributed scientific support.

People attending the workshop



RECORD CATCH — This vicious-looking 11-foot mako shark, killed last week off Maui, is believed to be the largest mako ever caught in Hawaiian waters. Victor Faughnan, shark program consultant on board the Easy Rider, said the mako is an open ocean specie generally not found in offshore waters.

Section

G

Wednesday,

September 22, 1976

to New Fishing Realm

seemed to be most interested in learning how dangerous sharks are.

NAFTEL WARNED that you have to respect the jaws of the big beasts, many of which weigh well over half a ton. He said "the shark usually is as scared of you as you are of him" and in general is simply curious. He usually will go away if you poke him with a spear or stick.

But you can't rely on this, he said, and when a shark "hunches down and starts circling you had best get out of there fast." Do not be aggressive, he warned.

Naftel said people should not keep youngsters out of the water in fear of sharks because attacks on people are infrequent. The greatest danger of attack is at night or in murky water, he said.

PHILIP MOTTA, zoology teaching assistant at the University of Hawaii, said examination of the sharks caught by the Easy Rider indicated that they often are cannibalistic, and devour the small ones of their own kind as well as whatever else they can find, including lobsters, octopus and birds. He said there is no evidence they prey on a particular specie of fish.



S-8
S-8
SEPT. 15, 1978

FOOTHY PET — Christy Naftel examines a small tiger shark caught recently off the coast of Maui. Sharks will be the subject of a series of workshops on Oahu starting Tuesday at Castle High School auditorium. The workshops are sponsored by the Sea Grant Marine Advisory Program and the State Department of Planning and Economic Development. The other workshops, all at 7 p.m., will be Sept. 23 at Waiānoe High School cafeteria, Sept. 28 at McKinley High School and Sept. 30 at Waigluā Recreation Center.

College Cruise Finds 26

Maui Shark Peril Cited

home
947-1307

By Helen Altom
Star-Bulletin Writer

Maui's leeward coast "definitely supports an abundant population of sharks of which an alarming number are large, voracious tiger sharks," a shark-fishing cruise has revealed.

The cruise was conducted last month as part of a shark abatement program at Leeward Community College.

Skip Naftel, captain of the Easer Rider, and Victor Faughnan, shark program consultant, reported that they caught some 26 sharks, including 15 large tigers, in a five-day survey off Maui.

They said the program was introduced off Maui because of past shark attacks, including a recent one off the south shore of Maalea Bay.

ALSO, THEY SAID, the inshore waters were found during two previous studies to harbor many sharks, especially tigers.

"Without a concerted effort of fishing this area Maui inshore shark

population will certainly continue to increase," they said in a cruise report.

"It is reasonable to assume that without fishing them out, or at least reducing their number, they could begin to compete with local fishermen for commercial food fish to the point where the sharks would then begin to sample other available forms of food, such as man.

"It may be that the inshore waters of Maui have already reached this point."

They noted that shark fishing programs "are obviously expensive." The Maui cruise cost \$157.88 per shark.

"However, compared to the destruction of the commercial fishing industry and the tourist industry, this cost is moderate," they said.

Ken Kamimura, associate dean of vocational-technical education at Leeward Community College, said money was available only for the 10-day study.

printed \$75,000 for shark abatement but it has been withheld by the University of Hawaii administration, Kamimura said.

The 1975 Legislature directed that a program be developed to promote shark meat as a seafood to reduce the shark population and boost the fishing industry.

Leeward Community College has assisted the State Department of Economic Development and Planning with the program.

LCC students participated in the study through the marine technology program, coordinated by Bill Freyser. They collected biological data on sharks and developed techniques for shark capture.

The State Fish and Game Division conducted a shark control and research program for several years. But Michio Takata, division chief, said their last shark fishing was in November 1972.

He said the work has been concentrated at LCC with fisheries authorities assisting on a marine tech advisory committee.

THE 1975 LEGISLATURE appro-





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PRODUCED BY RAFFAELLA DE LAURENTIIS DIRECTOR FRANK C. CLARK

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A roundup of sharks at Kaneohe

Students from several Oahu high schools show off their catch after the Kailua Invitational Shark Derby held this weekend at Kaneohe Bay. The three-day fishing contest, sponsored by the Ka Po'e Hahaione (oceanography) Club of Kailua High School, was topped off with a barbecue and trophy presentation at Kaneohe Beach Park yesterday. While the object was to catch as many sharks as possible, there also were awards for the smallest shark, the largest fish, the largest eel and the most unusual fish. The contestants could not use nets or dive and the fishing area was limited to Kaneohe Bay.

Advertiser photos
by T. Urreda



Hawaii Report

Honolulu
Advertiser
Monday, Oct. 30, 1978 A-3

KLING JURY IS S

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6 JUNE
1926

avy Costs, Operating Methods of Honolulu's Government to Be Told

You realize that during 1925 the city and county government of Honolulu cost every man, woman and child \$4.20? You know that since 1911 the current expenses of the municipality have increased 413 per cent?



These are facts revealed in a searching investigation of the city's government and all of its departments conducted on behalf of The Star-Bulletin's readers by Robert Littler, member of the faculty of the University of Hawaii, and an expert on government.

A recognized student of political science, Littler was commissioned by this newspaper to carry out what has probably been the most careful survey of Honolulu's city government ever made.

Littler was selected for this work because he is specially qualified by reason of his impartiality and training to obtain for the readers of this newspaper, the facts about Honolulu's government.

Every voter will find in this series an extremely valuable exposition of the facts of Honolulu's city government.

Beginning next Saturday, The Star-Bulletin will publish Littler's articles.

Attendance Expected At Opening of Carnival Tonight

to Begin At 7 o'Clock When Governor Presences Turning On Lights Throughout Big Park; Night With Charleston Contests Attraction Center

Attendance records at Wallace Park are expected to be broken at the Foresters' summer carnival, for which preparations have been going on for several weeks. The carnival will begin at 7 o'clock tonight when Governor Presences will preside at the turning on of the electric lights at the attraction center. The carnival will be held for several days.

REMAINS OF PVT. GOINS IN SHARK'S BODY

Army Definitely Establishes Clothes As Those Assigned To Soldier

Enlisted Man Disappeared May 18 While Swimming At Haleiwa

Identification of the human remains, found Tuesday in the stomach of a large shark captured near the Kahuku mill, was established last night by army officials to be the remains of Private William J. Goins, Battery B, 11th Field Artillery, who was drowned at Haleiwa on May 18.

Goins was drowned while swimming in about 12 feet of water with several companions, according to army officials. He suddenly gave a shriek and disappeared beneath the water. No trace was seen of a shark and all efforts to recover the body was unsuccessful. Whether he was drowned and later eaten by the shark or whether he was attacked by the shark while he was swimming is not known.

Identification was made possible by a laundry mark on a regulation army issue of undershorts which had been used as swimming trunks. The mark, B 25, which was discovered by Dr. R. H. Fane, police surgeon after he had scrubbed off the blood and dirt, was that assigned to Goins. The B was battery mark and the 25 his individual mark in the battery.

Identification was made more certain by a quantity of short black hair which was stuck to the side of the skull. Capt. Sidney P. Dunn, Maj. Herbert Mallory, Goins' sergeant and two fellow privates made the identification. The remains are still in the emergency hospital where they were taken yesterday. They will be turned over to military authorities some time today.

Goins' home was Slinger, La., where, according to his enlistment record, his nearest relative, Blawitt Goins, lives.

School Gardeners Prizes and Certificates of Merit From Governor

The department of public instruction today announced that it had presented the prizes and certificates of merit to the school gardeners of the State. The prizes were presented to the winners of the contest held at the Haleiwa mill. The prizes were presented to the winners of the contest held at the Haleiwa mill. The prizes were presented to the winners of the contest held at the Haleiwa mill.

PRINCESS WON'T BE CANDIDATE IN CONGRESS

Announces In Letter To A. L. Castle Decision Not To Enter Election

Princess Abigail Kawainoa announced today that, because of impaired health, she will not be a candidate for the Republican nomination as delegate to Congress at the October primary. In a letter sent to Attorney A. L. Castle, chairman of the Republican territorial central committee, Rich Sheriff John C. Lane, and Judge William C. Achi, Jr. of Kaula, the princess said: "An answer was promised by June 4 to your request that I should consider running for the delegateship on the Republican ticket. After scrupulous thought very reluctantly must I decline to consider doing this on the ground that my health could not stand the physical strain of speech-making and touring all the islands. I feel that I could do a great deal for Hawaii and my people in Washington; the voluntary offers of support that have streamed in since the news of the bombing of the department of public instruction today announced that it had presented the prizes and certificates of merit to the school gardeners of the State. The prizes were presented to the winners of the contest held at the Haleiwa mill. The prizes were presented to the winners of the contest held at the Haleiwa mill. The prizes were presented to the winners of the contest held at the Haleiwa mill." (Continued)

CARNEGIE INSTITUTE WORKING LONG TIME ON HOME SEISMOGRAPH

The Honolulu SUNDAY Advertiser

Hawaii's Territorial Newspaper

HONOLULU, TERRITORY OF HAWAII, SUNDAY MORNING, JUNE 6, 1926.

JURY IN CONKLING CASE; MARRIED BY JUDGE PARSONS

list Intoulations

Angelus Temple Disappears Her; Rumors of Weird Tales She Has

...a fever of excitement... McPherson... mysteriously

...were variously... figure in... her congressional disappearance

...that "nothing... had not seen... had struggled... a huge fish... treated of his... police of... after which... had been... after the time... that she disap...

Human Remains In Shark's Stomach That of Soldier

Army officials announced yesterday that the human remains found in the stomach of a shark captured Thursday near Kahuku will have been identified as those of Pvt. William Goins, Battery B, 11th Field Artillery, who was drowned at Haleiwa on May 18.

Goins was drowned while swimming in 12 feet of water. According to witnesses he gave a shirt and disappeared beneath the water. No trace was seen of a shark at the time and all efforts to recover the body were unsuccessful.

Identification of the remains was made possible by a laundry mark on the swimming trunks found in the stomach of the shark. These bore the mark "B 25," Goins' number.

Goins' home was Singer, La., where, according to his enlistment record, his nearest relative, Elwitt Goins, lives.

KALIHI GOLF SITE VETOED BY THE MAYOR

Gives High Cost of Site as Reason for Action

NO ASSURANCE IT WILL BE COMPLETED

FINAL BISHOP STREET LAND AGREEMENT THIS WEEK, SAYS CAIN, DISCUSSING PROJECTS

Status of Outstanding Street and Highway Enterprises Outlined by City Engineer, Including Queen, School, Vineyard and King Streets and Ala Moana and Kapiolani Boulevard Improvement Plans

Final arrangements for the acquisition of land necessary for widening Bishop street between Allen and Hotel streets and extending the thoroughfare from Hotel street to Beretania street at an approximate cost of \$600,000 should be completed this week, with the exception of one parcel, it was forecast by City Engineer Cain.

Condemnation proceedings have been authorized relative to the one parcel, a lease held by the Patten Co., which is asking damages in the sum of \$9000, according to Cain, who gave a brief resume of the status of numerous projects.

As for the extension of west Queen street, the outer section of the project is under contract and a right-of-way is being filled, but progress on the first unit, from Liliha and King streets to the beginning of the second unit is being hindered by difficulties concerning the acquiring of land, he said.

SCHOOL STREET PROJECT
Tenders probably will be called for this year, he predicted, on plans and specifications for extending School street from Kalihi street to Middle street. Within the next month, authorization may be expected to call for bids on plans for widening and improving Liliha street between King and Judd streets.

Plans and specifications for extending Harding avenue from Kapiolani road to King street extended should be completed by October or November. Tenders for improving thoroughfares in Wilhelmina Rise, Second Section, are scheduled to be opened June 14.

owners of adjoining property scheduled to pay 100 per cent of the cost.

Drafting of plans has been begun on the project for extending Kekaulike street between Paahi and Hotel streets. Property-owners are to pay 100 per cent of the cost. Improvements in the Waikiki tract lying between the Moana hotel property and the Hamohamo tract have been ordered, but a preliminary report on the project has not been prepared.

ALA MOANA SURVEYS
Surveys have been completed for the extension and improving of Ala
(Continued on Page 4, Col. 4)

AN EXCURSION IS PLANNED LONELY IS

To investigate conditions Hawaiian Home Commission settlements on leeward Hawaii Chapter No. 1, Kamehameha, is promoting excursion of its members, friends to the Lonely Isle, S. S. Mauna Kea has been chartered for the trip.

The steamer will leave about 11 o'clock Saturday of next week, arriving at Kalahele early Sunday morning. Breakfast aboard, the excursionists will land and will be automobiles to all the sections and to Kalahele, overlooking Molokai. A short trip will be taken to the famous hunting ground, Kamehameha.

At 1 o'clock Sunday there will be a big luau in coconut grove which is said to have been planted by the King. The principal addresses will be made by Governor Farrington, English, and Solomon F. English, editor of the Kuokoa, the weekly newspaper published by The Advertiser, in Hawaii. The luau several clubs will entertain with singing.

Mayor Wilson and the band will accompany the party.

The party will leave Kalahele on the Mauna Kea at 6 o'clock Sunday evening. It will arrive here at 10 o'clock that night. Owen said yesterday that reservations for the trip are open to all members of the Order of the Mauna Kea.

Water Canals More Than 2000 Years Old

HA 1926 6 JUNE

overfills the year round on
of hikers, showers, use of
the grounds, and swimming.

Membership is open to any man
on the island of Hawaii. The inclu-
sion fee for the club is \$150 with
monthly dues of twenty-five cent
perable quarterly in advance.

Boat-House Ready Soon
By joining the club, the member not
only receives the use of the boat
house and other privileges, but also
helps the rowing team and financial
ly. The new boat house will probab-
ly be completed within the next three
or four weeks, in time to take care of
the boats of the visiting crews from
the other islands. It is not expected
that the new club will move into
its new quarters until after the fourth
of July.

While cost of erecting a boat house
is being done at a minimum, the club
will be in need of money and every
membership will help to boost its
financial status. It is not a case of
giving something for nothing. It is
pointed out by officers of the organ-
ization. "It is a case of receiving full
value for your money and at the
same time assisting a worth cause."

Roll Is Given
Those who have already signed up
as members of the club follow:

- F. H. West, Gaylen Bush, R. A.
Lander, Sam Rolph, George Willough,
R. Rose Marshall, D. A. Devine, J. B.
Medeiros, Jr., George H. Godfrey, L.
W. Rose, Alex K. Bell, Dewey Hatfield,
Kabuwila K. Jones, William J. Mar-
tin, M. C. Baptista, Edward Cooley,
Louis Halbe, Jr., Thomas Y. Park,
Valentin Wessel, Ernest A. Watson,
John Tucker, Wally T. Mimaki, Y. E.
Coville, Harry Broop, Otto W. R. W.
George L. Todd, C. Teme, H. K. Kell-
ner, Harold Yamada, Eddie P. Vierra,
J. W. Baine, James Henderson, R. H.
Baker, Harvey S. Aho, Jacinth Souza,
Mifred Hunsey, Robert Stevens, Kau-
wila Aka, Bernard K. Koteckoff and
Jose da Rocha.

The Crown Prince Gustavus Adolphus of Sweden and his wife, the
Crown Princess, who was Lady Marguerite Mounthatten of England, previous-
ly her marriage to their heir to the Swedish throne, will visit America during
the coming summer. Yale University will confer honorary degrees on the
Royal couple, and they will tour the entire country. The celebration of the
arrival of Swedish colonists in the northwest State taking place this sum-
mer is the cause of the visit.

The people and princess will include Hawaii in their itinerary, it has
been announced.

**HILO HIGH ALUMNI
TO HOLD REUNION
AT AFFAIR TONIGHT**

Plans are being completed today
for the annual reunion banquet of the
Hilo High School Alumni Association
which will be held at the Hilo Yacht
club tonight.

The members of the senior class
of the Hilo High school will be honor-
ary guests at this affair. Following the
banquet many others have been in-
vited for the dance.

A silver cup, put up by the class of
1929, will be presented to the class
with the largest percentage of mem-
bers present. The numerals of the
winning class will be engraved on the
cup, and they will hold the cup for a
year. It will be passed on from year
to year to the class having the largest
percentage of members present at the
annual banquet.

Ernest de Silva, former president
of the association, has charge of all
arrangements for the affair. He is
assisted by Masao Jinbo, in charge of
invitations; Miss Cecilia Capella, de-
corations; and John A. Lee, financial
manager.

**RESIDENTS OBJECT
TO MOVING NINOLE
SCHOOL FROM SITE**

For some length of time the matter
of moving Ninole school from its
present location to a new site about
a mile distant has been under con-
sideration by the authorities concerned
and the project has been urged by a
number of the residents in the dis-
trict who are now declared to be in
the minority and whose children live
nearby the proposed new site, accord-
ing to representations made by a
spokesman for 174 signers of a peti-
tion to the board of supervisors to
keep the school in its present loca-
tion.

The petition sets forth the situa-
tion in the following manner:

"The undersigned, residents and
taxpayers of South Maunaloa, Kalaheo,
Kalaheo, Pihai, Kalaheo Camp,
Ninole, Haku, and Waikamalo, Dis-
trict of North Hilo, having learned
that a plan is on foot to remove the
Ninole school from its present site to
an allegedly more favorable location
at Nanea, hereby respectfully protest
against the removal of said school,
for the following reasons:

Cost Is Given
"It will cost a large sum of money,
estimated at about \$50,000 to purchase
a new site and remove and re-erect
the school buildings upon a new site.
It is believed that this would be a
wholly unwarranted expenditure.

"One of the alleged reasons, and the
only one we have heard advanced, for
wishing the school removed is that
the present school grounds are not
large enough. This objection, we un-
derstand and believe, can be readily
overcome by obtaining from the Lau-
paehoe Sugar Co. the adjacent
tract, as much ground as is required
for the school purposes, and that such
ground may be obtained at a very
reasonable price.

Protest Is Given
"We further protest on the ground
that if this school is removed to
Nanea it will result in the people
from South Hilo, Kalaheo, Kalaheo,
Pihai, and Kalaheo Camp being at a
thousand miles, in order to save time
and distance, the railroad tracks at
Maunaloa to attend the Kapea school.
This would result and practically im-
pose a great danger upon these chil-
dren, which might be avoided by
moving the school where it is now
situated. This being given, and the
cost of removal and re-erecting the
school buildings is so large, we believe
that the school should be kept where
it is now situated."

I shall not make the run for the Re-
publican Delegation."

(Herald) Princess Kawanakahiki,
Several weeks ago an official delega-
tion consisting of A. L. Castle, chair-
man of the Republican Territorial
Central Committee; John C. Lane and
Judge William C. Arch, Jr., of Kona,
called on the Princess and asked her
to run on their ticket.

Since that time the Hawaiian girl
has been waited upon by delegations
from numerous precinct clubs, per-
sonal friends and others all urging
that she accept the offer. It was the
belief of these parties that if she
would run she would have the back-
ing of a united Republican party, and
she was regarded as the most likely
candidate to win against the Democra-
tic incumbent.

Campaign Too Severe
Princess Kawanakahiki thought the
matter over carefully, and although
without political ambition for herself,
she wanted to do anything possible
to aid the party, of which she is the
national committeewoman, but finally
decided that to make an active cam-
paign would be too severe a tax upon
her strength and endanger her health,
according to word from Honolulu.

**REMAINS IN SHARK
ARE IDENTIFIED AS
PRIVATE W. J. GOINS**

(By Associated Press to Tribune-Herald)
HONOLULU, June 1.—The human
remains which were found in the
stomach of a huge shark that was
captured on Tuesday near Kalaheo
have been established as those of Pri-
vate William J. Goins, who was
drowned on May 11 at Haleiwa bay.
Identification was made through
a laundry mark still remaining very
distinct on the swimming trunks worn
by Goins, which consisted of a regu-
lation army issue of underdrawers.

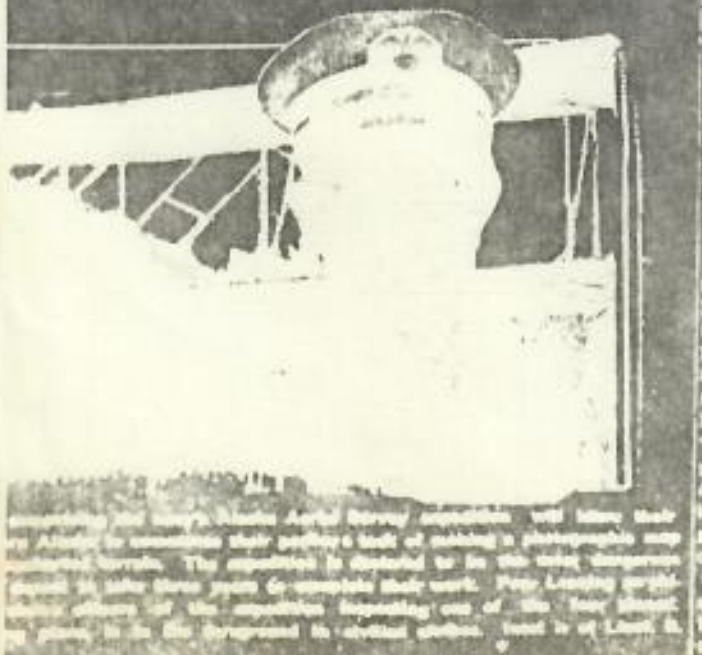
The shark's stomach gave evi-
dence of its thieving propensities as it
contained two large ones, freshly
swallowed, both with hooks in their
mouths. The larger of the two fish
weighed about 23 pounds and was
entirely intact. The remains of a
large turtle and several lobsters com-
pleted the inventory.

The creature was identified as a
real "man-eater" or white shark,
(*Carcharodon carcharias*) called so
by the natives. It measured 17
feet 3 inches in length and its jaws
held a spread of 20 inches. Its
mouth was full of triangular teeth
sharp as razors, although the entire
condition of some of the front teeth
seemed to indicate that the animal
was an old one.

**BEARS AND ELKS PLAY
IN FIRST GAME TODAY**

HONOLULU, June 1.—The
city of Honolulu opened its
open the first of games of the
and the first of games of the
when they play on the beach
at the city of Honolulu. The
and the first of games of the
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and the first of games of the

**More Arctic Regions in Alaska
Force and Several Efficient Airplanes**



Members of the Alaska Army Air Corps expedition will have their
by Alaska to maintain their position and to make it unassailable, any
of them. The expedition is expected to be in the state, however,
and the first of games of the

problems the year round and
of lockers, showers, use of
the grounds, and so forth.

Membership is open to any male
in the island or abroad. The term
for the club is \$1.00 with
monthly dues of twenty-five cents
payable quarterly in advance.

Boatmen Ready to Sail
By having the club the members will
not only receive the use of the boat
house and other privileges but also
help the rowing team and teamster.

The new boat house will probably
be completed within the next three
or four weeks, in time to take care of
the boats of the visiting crews from
the other islands. It is not expected
that the new club will move into
its new quarters until after the Fourth
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While work of erecting a boat house
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The Crown Prince Gustavus Adolphus of Sweden and his wife, the Crown Princess, who was Lady Marguerite Mowbray of England, previous to her marriage to their heir to the Swedish throne, will visit America during the coming summer. Yale University will confer honorary degrees on the Crown couple, and they will tour the entire country. The celebration of the arrival of Swedish colonials in the northwest State taking place this summer is the cause of the visit.

The prince and princess will include Hawaii in their itinerary, it has been announced.

HILO HIGH ALUMNI TO HOLD REUNION AT AFFAIR TONIGHT

Plans are being completed today for the annual reunion banquet of the Hilo High School Alumni Association which will be held at the Hilo Yacht club tonight.

The members of the senior class at the Hilo High school will be honor guests at this affair. Following the banquet many others have been invited for the dance.

A silver cup, put up by the class of 1920, will be presented to the class with the largest percentage of members present. The numerals of the winning class will be engraved on the cup and they will hold the cup for a year. It will be passed on from year to year to the class having the largest percentage of members present at the annual banquet.

Kneel de Silva, former president of the association, has charge of all arrangements for the affair. He is assisted by Miss Cecile Capello, decorator; and John A. Lee, financial manager.

RESIDENTS OBJECT TO MOVING NINOLE SCHOOL FROM SITE

For some length of time the matter of moving Ninole school from its present location to a new site about a mile distant has been under consideration by the authorities concerned and the project has been strong by a number of the residents in the district who are now desirous to let in the industry and whose children live around the proposed new site. According to representations made by a spokesman for 125 signers of a petition to the board of supervisors to keep the school in its present location.

The petition sets forth the situation in the following manner:

"The undersigned, residents and taxpayers of South Maunaloa, Kalaheo, Kalaheo, Pihia, Kalaheo Camp, Ninole, Hailo and Waikamalo, District of North Elbe, having learned that a plan is on foot to remove the Ninole school from its present site to an allegedly more favorable location at Ninole, hereby respectfully protest against the removal of said school, for the following reasons:

Cost is Given
"It will cost a large sum of money, estimated at about \$10,000 to purchase a new site and remove and reconstruct the school buildings upon a new site. It is believed that this would be a wholly unwarranted expenditure.

"One of the alleged reasons, and the only one we have heard advanced, for wishing the school removed is that the present school grounds are not large enough. This objection, we understand and believe, can be readily overcome by obtaining from the Laidlaw Bros. Sugar Co., the adjacent owner, as much ground as is required for the school purposes, and that such ground may be obtained at a very reasonable price.

Protest is Given
"We further protest on the ground that if this school is removed to Ninole it will result in the people from South Maunaloa, Kalaheo, Kalaheo, and Kalaheo Camp being sent to Ninole, to attend the Kape school. This would result and practically impose a great burden upon these children, which should be avoided by leaving the school where it is now located, the being more nearly the center of school attendance.

The petition is now in circulation and it is expected to be presented to the board of supervisors in the near future.

I shall not make the run for the Republican Delegation."

(Special) Princess Kawenapili. Several weeks ago an official delegation consisting of A. I. Cooke, chairman of the Republican Territorial Central Committee, John C. Lee and Judge William C. Auld, Jr., of Kauai, called on the Princess and asked her to run in their ticket.

Since that time the Hawaiian all her time waited upon by delegations from numerous prestige clubs, personal friends and others all wanted that she accept the offer. It was the belief of these parties that if she would run she would have the backing of a united Republican party, and she was regarded as the most likely candidate to win against the Democratic incumbent.

Campaign Too Serious
Princess Kawenapili, though she matter over carefully, and although without political ambition for herself, she wanted to do anything possible to aid the party, of which she is the national committeewoman, but finally decided that to make an active campaign would be too serious a task upon her strength and endanger her health, according to word from Honolulu.

REMAINS IN SHARK ARE IDENTIFIED AS PRIVATE W. J. GOINS

(By Associated Press to Tribune-Herald) HONOLULU, June 5.—The human remains which were found in the stomach of a large shark that was captured on Tuesday near Kalaheo have been established as those of Private William J. Goins, who was drowned on May 13 at Halaheo bay.

Identification was made through a laundry mark still remaining very distinct on the swimming trunks worn by Goins, which consisted of a regulation army issue of underdrawers.

The shark's stomach gave more evidence of its devoting propensities as it contained two large blue, fleshy swallowed, both with hooks in their mouths. The larger of the two fish weighed about 25 pounds and was entirely intact. The remains of a large turtle and several lobsters completed the inventory.

The creature was identified as a real "man-eater" or white shark (*Carcharodon carcharias*) called *Shaka* by the natives. It measured 12 feet 4 inches in length and its jaws had a spread of 10 inches, or much was full of triangular teeth as sharp as razors, although the shark, condition of some of the front teeth seemed to indicate that the animal was an old man.

BEARS AND ELKS PLAY IN FIRST GAME TODAY

HONOLULU, June 5.—The University of California football team will open its season of games with the local team this afternoon at 2 o'clock when they play the Blue team.

More Arctic Regions in Alaska Force and Several Efficient Airplanes



...the Army's Arctic Survey expedition will have their... to receiving their pictures back of making a photograph... The expedition is believed to be the most important... their work. Prof. Lansing... of the... the... of... at... B.

REVIEWS

955-8111 Isl. Dept.

sent 2 4/30/78



Stack, his tackle and a big one.

This fisherman is really glad that nothing bit

Thank goodness, the big one got away.
The big one is any shark over five feet long. If they're smaller than that, Mike Stack throws 'em back into Pearl Harbor channel off Iroquois Point.
It was midnight. The tide was beginning to turn. Our poles were set. Five hooks, baited with squid or kumu, were resting on the bottom of the channel. We were on our second beer.
"What's the biggest shark you ever caught?" I asked.
"The biggest one was eight feet long and weighed



bob krauss

Advertiser columnist

about 400 pounds," he said. "In the two years I've been shark fishing, we've caught maybe 200."
"What if we caught a 400-pound shark tonight?"
"We'd be in trouble because this isn't our usual spot. Usually we fish off the old Fort Weaver pier where you can lash a line onto a bit and let the shark fight the pier.
"Here (200 yards down the beach) there's nothing to tie onto. A 400-pound shark could pull the bumper off my car if I tied the line to that.
"What I'd do is call my friend, Barney. He has a four-wheel drive vehicle with a winch that we use to pull big sharks out of the water."
Stack, who lives in Manoa, is a police officer. He spends his spare time fishing for sharks which, he admitted, doesn't make him popular with other fishermen.
"They say sharks chase the other fish away," said Stack.
No wonder.
"I use 50-pound test line so you don't get pulled into the water," he explained. "The line breaks first. When we go after the real big ones, I use a special rig."
The rig is made of two lengths of rope connected by inert tubing which eases the strain when a hooked shark fights the line. The leader is also shock resistant.
"I would not recommend that beginners go after sharks," he said. "A small two-footer can take your finger off. Even after you've manhandled a shark out of the water, he's dangerous.
"You don't get close to a shark like that, sitting on it to take a picture. He'll take your hand off. A shark can live six or eight hours out of the water. He's insensitive to pain. His brain is the size of a walnut."
Stack uses a bang stick to kill landed sharks. This is a device that fires a projectile when the explosive end is poked against the shark's head.
We opened another beer.
Stack's fishing buddies are Bill Stephens, another police officer, and Charlie Haum, a Liberty House executive. They said the biggest shark ever caught off the Fort Weaver pier was 17 feet long and weighed 1,950 pounds.
It took 7 hours to land.
But no sharks, big or little, took our bait. Stack said one reason was because he wasn't using the chum he has concocted to attract the big fish.
It's made of dehydrated blood, water, cat food and cod liver oil. Snow storms in the East have held up delivery of the dehydrated blood he has on order.
Frankly, I didn't mind a bit. We had plenty of beer and sandwiches.

HONOLULU ADVERTISER
FEB. 14, 1978

Falcon



He didn't get away!

Kaniaupio poses with the 12 foot tiger shark he recently captured off Bishop Point. He caught the shark with the aid of his son J.R. and daughter Lilielani. (U.S. Air Force Photo by SrA. Michelle Fonville)

Sports

B

section

Fishing family makes big haul

By Glenn S. Willerforde
A retired Air Force staff sergeant pulled in a 12-foot, 1,000 pound tiger shark at Hickam's Bishop Point off the Pearl Harbor channel Oct. 25.

Wallace W. Kaniaupio, 42, of Aiea, made the big catch at 7:40 p.m., with the help of his sons J.R., 16, and Lilielani, 18.

The former personnel specialist who served as noncommissioned officer in

charge of the separations unit at the Consolidated Base Personnel Office here has been fishing professionally for two and a half years. However, he and his family started shark hunting two months ago.

The Kaniaupio's used a specially made bamboo trolling pole with a Pen 120 reel, 150 test main line and 400 pound leader. Once the shark took the bait, consisting of boaré fish, awa and talapia, it only took

the Kaniaupio's 15-minutes to haul the shark in.

While being interviewed by Channel 2, KHON-TV, Wallace told the reporter, "This is my 23rd time my family and I have caught sharks in the last two months."

Lilielani pointed out that they had pulled in a nine-footer last Saturday at Bishop Point. "All of the 23 sharks caught have been at least seven feet,"

The family fishes for recreation and gives the meat away. "We never sell the shark meat," explained Wallace. "But, we do keep the jaws," chuckled J.R.

Although the Kaniaupio's have been very successful shark fishers and claim to be the best, they warn that shark fishing is dangerous and should be done by experienced fisherman.

George Balazs
W/L Biologist
NMFS
PO Box 3830 Honolulu, 96812

25 Nov 83

DEAR MR BALAZS

I received your letter and your interesting packet, thank you. Although we are considered hunters of all types of sharks, we are students of the ocean and its vast mysteries.

You are correct, this tiger we caught did consume a sea turtle. When brought to the top we notice large amounts of turtle (shells) parts regurgitating from its mouth.

We caught this tiger using a small mullet & were for bait. The area where it was caught have long been known to have sea turtles. The sea turtle is a common sight at the entrance to Hickam Harbor and Pearl Harbor.

Talk to you again,

Paul Kelly

(See attach)

PS We fish for sharks every night at Bishop Point. See us soon!

The Dangerous Sport of Shark Hunting

CATCHING THE LARGE, gray, man-eating shark — *niuhi* was the name of this shark in Hawaiian — was the dangerous sport of high chiefs, an ancient sport that persisted through the time of Kamehameha the Great.

Best bait was putrified human flesh. Putrified pork was a less-preferred substitute, as was the liver and flesh of common sharks.

It took preparation time and manpower to put several high chiefs at sea in a double-hulled canoe to catch the man-eater. Those chiefs who helped catch and kill one were honored. They shared the parts of the shark after it was killed and on the beach.

Teeth of the *niuhi* went to the chief or chiefs who finely noosed him in deep water. All preserved parts, in-

A pastime for chiefs used human flesh, as bait.

cluding bones and skin, were believed to confer extra bravery on their owners.

Flesh of the man-eater was cooked and eaten by high chiefs — but the flesh was kapu to women, even high chiefesses.

COMMONER MEN, and even occasionally women, were killed for shark bait.

First, the body or bodies — human, pig or common shark (but

fication process, the flesh was mixed with 'awa, the pounded root of kava (*Piper methysticum*), which causes drowsiness in humans — and apparently in sharks.

Thus, part of the technique used by Hawaiian high chiefs was to tranquilize man-eating sharks before they tried to noose them.

Now comes the hunt. Sharks can detect the presence of cooked flesh from great distances. Advance chumming of putrified cooked pig or shark meat attracted regular sharks almost immediately to the chosen area of the ocean.

The big *niuhi* came after three or four days of such chumming.

With *niuhi* present offshore, it was time for the high chiefs with their human bait mixed with 'awa.

At the chosen spot, the bundles were pierced with spears (or the liquid on the platters was poured overboard) to float a greasy fluid behind the canoe. Ever-hungry man-eaters rose to gulp it down.

THE FLUID TRAIL led the *niuhi* close behind the canoe. Sometimes bundles of flesh-awa were thrown overboard for the big sharks to eat.

Man-eaters circled the canoe in a frenzy of feeding.

Finally, made drowsy or stupid from the 'awa, one would swim between the hulls close enough to touch. The trick was to try to get one swimming from bow to stern.

Ideally, the stern noose went over

the head, and the bow noose over the tail.

By this time, the chiefs' canoe was well in toward shallow water. Nooses were weighted with stones to sink them properly for attachment.

Once the nooses were tightened, the high chiefs, if lucky, had a happy, contented, tranquilized capture. They tried to keep him that way, for the feeding continued all the way to shore.

There, the *niuhi* was killed by a spear thrust in what was one of the most dangerous sports of old Hawaii.

Today in History

TODAY IS FRIDAY, Dec. 12, the 347th day of 1960. There are 19 days left in the year.

TODAY'S HIGHLIGHT in history:

On Dec. 12, 1842, New Zealand was discovered by Dutch navigator Abel Tasman.

TODAY'S BIRTHDAYS: Singer Frank Sinatra is 65. Singer Dionne Warwick is 40.

THOUGHT FOR TODAY: A great man is always willing to be little. — Ralph Waldo Emerson. American essayist and poet, 1803-1882.

The Associated Press

Honolulu STAR-BULLETIN

12/12/80 A19



never mixed) — were cooked in an underground oven, an imu. When the flesh could be separated from the bones, the bones were discarded. The flesh was usually wrapped in banana leaves. Sometimes the flesh was placed on wooden platters.

Bundled or on platters, the flesh was left several days to putrify.

A rock bench, several feet wide and several feet long, built into the Great Wall at Honanau, Big Island, is believed to be one place the bundles were laid out to rot. Two platters collected in 1883 by the Bishop Museum were reputed to have been for decomposed human flesh destined to bait sharks. The platters were said to belong to high chief Alapa'i-kupalupelu-mano, a contemporary of Kamehameha the Great.

SOMETIME DURING the putri-

Quote

I have always thought that all men should be free; but if any should be slaves, it should be first those who desire it for themselves, and secondly those who desire it for others. Whenever I hear anyone arguing for slavery, I feel a strong impulse to see it tried on him personally.

--Abraham Lincoln, 1865

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Published Monday through Friday afternoon and Sunday morning by the Hawaii Tribune-Herald, Tribune-Herald Building, Hilo, Hawaii 96720. Member of the United Press International and the Audit Bureau of Circulations. National Advertising Representatives: Western Dailies, 960 Harford Building, Dallas, Texas 75201.

Editorials represent the view of the management of the Hawaii Tribune-Herald. Other articles represent the opinions of those whose names appear with them. Readers wishing to respond to editorial viewpoints should contact Sherman R. Frederick, P. O. Box 767, Hilo, Hawaii, 96720 or phone (808) 935-6621. Include name, address and telephone number on all correspondence.

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Congress shall make no law respecting an establishment of religion or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble and to petition the government for a redress of grievances.

First Admendment, Constitution of United States

Letters

Biting errors

Dear editor,

I am writing to correct two errors that appeared in the Hawaii Tribune-Herald article on shark attacks entitled, "Six in 10 Cases," that was recently sent to me.

In this article, it is stated that a paper which I recently published along with Alan K.H. Kam ("A Review of Shark Attacks in the Hawaiian Islands") failed to list a 1926 attack involving a Private W.J. Goins. It is also stated that the culprit shark "was captured off Hapuna" on the Big Island.

The fact is that the attack on Private Goins was indeed documented and detailed in our paper as Case No. 12 of the 52 cases.

Private Goins had been swimming with friends in water 12-foot deep off Haleiwa on Oahu when he called out and then disappeared. A Great White Shark containing his remains was caught two weeks later off Kahuku, Oahu.

The case did not involve any aspect of the Big Island, other than being reported in the June 5th, 1926 issue of the Hilo Tribune Herald.

I appreciate having the opportunity to clarify this matter. I would be grateful to receive first-hand information from your readers on shark attacks that have occurred on the Big Island.

George H. Balazs
Kaneohe

Cemetery picked up

Dear editor,

We take this means to thank all members of the Honomu Village Association and other residents and friends for cleaning the Honomu Cemetery which had been unattended for more than 10 years

and was overgrown. The people who busy schedule to community projects for their efforts.

A special thank Co. and Stephen tribution and coo

Honomu Ceme

This is re

Dear editor,

Through self-su own food, our own and interests. We of fulfillment, of

In this techno people have forgo They are too busy trigger. Nations agricultural do no Farmers are still are capable of do

Only in industr men are trapped i cut off from na creative expressi selves with war s hear that \$2.5 mil hard-earned mon making Pohakulo "more realistic."

Gardens and or and fields of wavi I want to see prom paradise. Take yo and your ranks, pl get some "realisti

July 2, 1981

Report

The Honolulu Advertiser

★★ Tuesday, September 13, 1983 A-3

Shark

Megamouth becomes official as rare scientific discovery

By Barbara Hastings
Advertiser Science Writer

On Nov. 15, 1976, the dead body of a weird creature got tangled in a parachute being used as an anchor on a Navy research ship 26 miles off Kahuku.

It looked like a shark, but had huge, blubbery lips. And while it had lots of teeth (236 rows of them) they were tiny, not the kind that rip flesh apart.

The next day, Leighton Taylor of the Waikiki Aquarium inspected the dead beast and said he thought it was from some heretofore unknown family of shark.

Now, it's official. In scientific circles, nothing is real until it appears in a scholarly scientific journal, but this summer, the shark, which Taylor named "Megamouth" in 1976, made it into the proceedings of the California Academy of Sciences.

Since it isn't even closely related to anything else in the shark world, Megamouth gets its own family, genus and species. It's been renamed *Megachasma pelagios* of the new family *Megachasmidae*. What it is distantly related to is the great white shark and the mako sharks.

Megamouth, which was 14½ feet long and weighed in at 1,653 pounds, is the only one of its kind ever brought up. But Taylor is convinced it isn't a freak of nature, but really is a new species.

Usually, freaks are internally abnormal.

They just look wrong. "This thing looks right, it's a good shark," says Taylor, who admits the lips of the shark are thick and blubbery, but doesn't like wire story descriptions of the mouth as gross. "I think it's beautiful," says Taylor.

Taylor is the senior author of the paper, with Leonard Compagno of San Francisco State University and Paul J. Struhsaker, formerly with the National Marine Fisheries Laboratory in Honolulu.

Megamouth "has a huge mouth which can be made even larger by the animal," says Taylor, "because it can thrust out the upper jaw . . . and can form a huge net-like thing."

It has special structures on the gills inside, its mouth that act like a sieve, Taylor adds, so the large animal can draw in the krill-like shrimps and plankton that are believed to be its diet.

And Taylor speculates this creature carries its own flashlight.

The waters where the dead shark was brought up are very deep — 15,000 feet (although the shark got tangled in the parachute at 500 or 600 feet).

"The (dead) shark was not fresh enough to confirm it," Taylor says, "but there's good circumstantial evidence that it can produce light at the mouth." If that's so, it would glow dully, and the shrimp would gather around, making them easier to swoop into the huge mouth.

Beyond the excitement of a new family of life, Taylor and other scientists believe this is further proof that there are all kinds of life, some very large, waiting in the oceans to be discovered.

Indeed, a small creature was found living inside this large one, and it, too, proved to be a never-before-discovered species — the *Micodigma leptaleum* — a tapeworm found in the shark's gut.

Megamouth rests at the Bishop Museum, where it's preserved for perpetual study, Taylor says, but it isn't on public display. However, in November, the Waikiki Aquarium will have an exhibit.



"Megamouth," also known as *Megachasma pelagios*.



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southwest Fisheries Center Honolulu Laboratory
2570 Dole St. • Honolulu, Hawaii 96822-2396

May 8, 1987

F/SWC2

MEMORANDUM FOR: Richard S. Shomura
THROUGH: William G. Gilmartin
FROM: George H. Balazs
SUBJECT: Sharks, people, and sea turtles

You will recall that while I was still with the University of Hawaii Alan Kam and I started cataloging all past and new records of shark attacks in the Hawaiian Islands. An impressive list was published in April of 1981 (in 'Elepaio), and again in April of 1983, as an undated version accompanying a related article by Victor Lipman (attached). The list has also been reprinted and cited by Sea Grant, Hawaii Boating News, and several others.

My interest in Hawaiian shark attacks started quite unintentionally while searching through old newspaper accounts of large sharks preying on sea turtles and becoming entangled in nets set for turtles. Tiger sharks, as we now know, are nearly the only natural predator of Hawaiian sea turtles of all sizes in coastal benthic habitat. There is a fascinating historical array of such cases, but along with these I also uncovered many reports of shark incidents involving humans. The decision was made to formalize a comprehensive list for publication after it was discovered that no one, not even the on-again, off-again "shark research and control programs" in Hawaii, had ever done it before. The recognition of this fact was, by itself, an interesting piece of information.

The recent case on April 15th of a swimmer being devoured by a large shark at Kailua-Kona has caused some renewed interest in Hawaiian shark attacks. I don't know if you are aware that our agency has been directly involved in this case. John Naughton went to the Big Island at the request of the Kona Police Department to examine the victim's shredded swimming trunks. A report of John's findings was subsequently submitted (copy attached) and several statements were quoted in short newspaper articles written about the incident. Unfortunately, there has been misinformation presented by the journalists and, perhaps more importantly, none have given an accurate portrayal of this case in relation to other recent ones. My list shows that, overall, there has been about one incident per year for the past 30 years. However, during the past 18 months, four major events have happened. In addition to the Kailua-Kona case involving Daniel Kennedy, I have records for the following:



- o April 20, 1986. Levi Chandler. Fell from rocks while fishing at Kalihiwai Point on Kauai. Pieces of clothing and human flesh were recovered by Fire Department divers who encountered a large shark in the area.
- o October 18, 1985. Joe Thompson. Right-hand and forearm amputated by a large shark while boogie boarding off Princeville, Kauai.
- o October 12, 1985. Dominic Dela Cruz. Severe gashes to his left arm requiring hospitalization and surgery. Attack occurred off Barbers Point Lighthouse while he was floating on an inner tube after diving for lobster.

I am bringing this information to your attention because I wonder if we have the responsibility to correct the newspaper articles, and perhaps even point out reasonable precautions one could take to minimize exposure to attack. For example, John Naughton feels that swimming should not occur in harbor channels or near drop-offs at dawn and dusk, since these are known foraging times for tiger sharks (a relatively abundant species in Hawaii). It also might be appropriate to mention that shark research and control programs were commonly conducted in the past, but its now been 8-9 years since the last one. Consequently large sharks, especially tiger sharks, have likely become more abundant in Hawaiian coastal waters. And certainly it can be said that coastal ocean use is increasing and will continue to do so both in number of people and areas utilized.

The principal "bottom-line" question I'm now wondering about all of this is: If shark control programs were considered worthwhile in the past for various reasons, what new information has become available to cause them to be abandoned? Viewed from another perspective, I should also mention that the potential benefits to Hawaiian sea turtles from reducing the number of large sharks has been discussed by the Recovery Team, and will be included in the draft recovery plan.

Attachment

SSB&A 5/23/87



Herb Kane is one of the many artists who contributed to the 1987 Progress Edition.

By Herb Kane

Honolulu Advertiser
4-22-86 A-5

Fisherman feared eaten by sharks

LIHUE — Kauai firefighters yesterday found what they suspect are clothing and body parts of a Kalihwai fisherman who was injured after falling from the rocks at Kalihwai Sunday. 4/20/86

Fire Chief Damien Victorino said searchers found a pair of torn underwear and pieces of flesh before shark sightings caused them to abandon diving in the area.

Victorino said the body parts and clothing were believed to be those of the missing man, but he ordered shore searching to continue pending a medical report. It was not immediately clear whether the small pieces of flesh were human. The remains were taken to Wilcox Hospital for tests.

County officials posted "no swimming" signs at Kalihwai Beach yesterday after two sightings of sharks in the bay. The firefighters made one sighting and residents on the beach made another.

The missing man is Levi Chandler, 21, who was pole fishing from a point at the east side of Kalihwai Bay Sunday afternoon. Victorino said Chandler's girlfriend was with him when he fell into the ocean. "He was a very good swimmer," and was not in immediate danger, Victorino said. Chandler was climbing up the rocks to safety when a wave hit him. He appeared to have struck his head on the rocks and was washed away, the fire chief said.

4-23-86
Honolulu Advertiser

Copter spots shark schools

LIHUE — Two schools of 50 to 60 sharks each were spotted off Kauai Thursday, and experts have no clear idea what they were doing there.

Sharks don't normally gather in schools, but such collections aren't unheard of, several marine scholars said.

Most likely, they were feeding, the experts say, and it's possible one of the groups was a school of hammerhead sharks congregating for breeding.

The fish were spotted by Cmdr. David Nekomoto, executive officer of the Pacific Missile Range Facility and an avid fisherman, who was flying his Navy helicopter in operations off Kauai's west coast.

Richard Shomura, director of the Honolulu Laboratory of the National Marine Fisheries Service, said both schools could have been feeding groupings.

Don Heacock, a biologist with the state Division of Aquatic Resources, said School Two might have been after a breeding school of tuna.

"Sharks are the wolves of the sea. They are scavengers. They don't normally attack healthy fish," he said. But if the tuna were spawning, they might have been lacking their normal sense of self-protection and have been fairly easy prey for sharks, he said.

horses and humans



from
the sea

mike markrich

"Jaws" and disapproves of killing them for sport.

"When I was growing up," Hekekie said, "we learned to think of the shark as our *amakua* (a personal family spirit) that looked out for us . . . All of us as children were always taught that man is more dangerous than a shark.

"Our parents would say to us, 'How many people die in the ocean due to shark attacks and how many due to attacks or murders by humans?'"

(According to the Waikiki Aquarium and the National Marine Fisheries Service, there have been 65 shark attacks in Hawaii recorded since 1886, 28 of them fatal).

The shark played an important role in Hawaiian mythology. Children were taught not to venture into the ocean when the red flowers of the wiliwili tree bloomed, for during that period sharks were said to be especially dangerous. People who captured sharks were thought to derive strength and bravery from their mana or spirit.

But for the most part sharks were left alone. They were an accepted part of the Hawaiian ocean environment and some were even tamed by Hawaiians as undersea pets.

There are stories, however, that certain Hawaiians of high rank did fish

for the nihi or tiger shark from a canoe. Capture of the tiger sharks, which are among the most dangerous of all local sharks, was difficult and risky. According to several accounts, during the time of Kamehameha I, human beings were sometimes used to bait them — hence the modern expression, "shark bait."

According to the classic 1915 work by former University of Hawaii zoologist William Alanson Bryan, "The Natural History of the Hawaiian Islands," slaves were killed two or three days in advance of a fishing expedition and the flesh of the victims placed in a special container and allowed to decompose.

(It is important to view this in historical perspective. During the same period it was not uncommon for lower-class Europeans to be hanged or burned alive at a stake for minor infractions such as stealing a loaf of bread.)

The human bait would then be loaded onto an outrigger in a way that left a trail of blood in the water. The canoe would be paddled toward an area known to have sharks and the fishing, with special large hooks, would begin.

In more recent times, the organized killing of sharks has fallen into disfavor, says National Marine Fisheries Service biologist John Naughton.

Naughton, who participated in a two-year UH shark control program, said modern research indicates that killing sharks without purpose can be counterproductive. He said they are the top carnivores in the Hawaii ocean and are important in keeping a natural balance in the ocean ecosystem.

The true meaning of shark bait:

Capt. John "Jack" Young Jr. doesn't mince words when he talks about sharks.

"I hate the damn things," he says. "They're vicious."

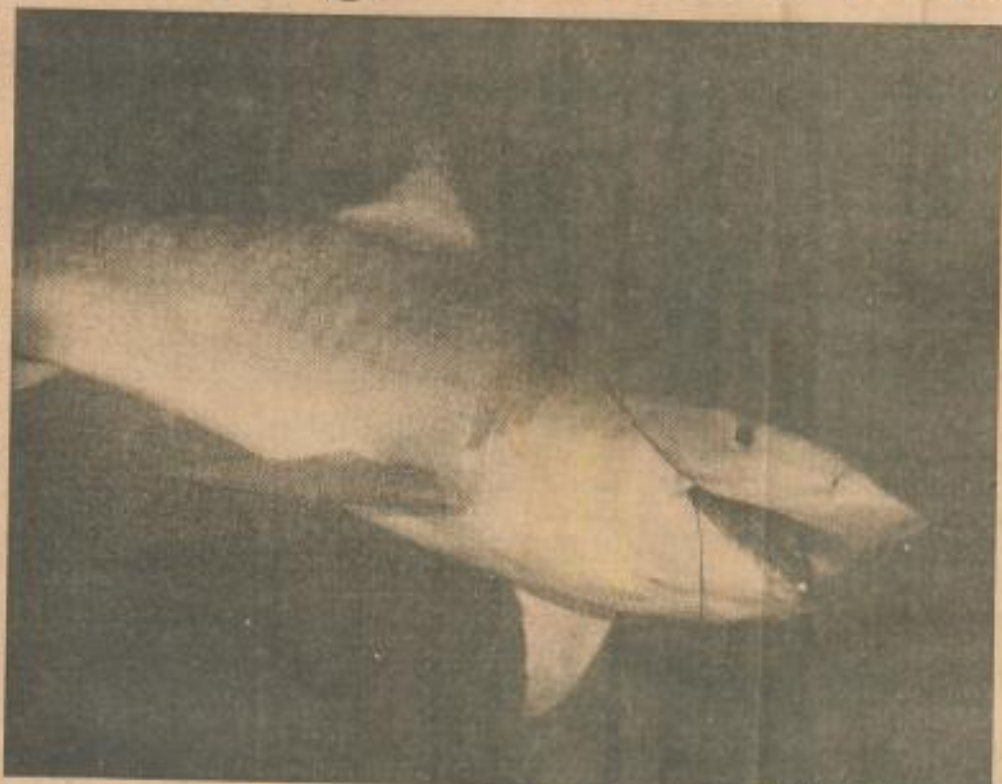
Young's father, John Sr., was a founder of the Young Brothers Barge Co. His uncle, Capt. William E. Young, was a world famous shark hunter during the 1920s, '30s and '40s.

Time and popular perceptions have changed since the days the Young brothers would take paying guests off Keehi Lagoon and harpoon large sharks for sport. Today there'd be an outcry if people were to shoot old horses on the waterfront as the Youngs did and then drag the bloody carcasses behind a boat to attract large sharks.

(The Youngs were not the only people who did this. In the Kohala region of the Big Island, sharks were killed using old horses and other livestock as bait through the 1950s).

"In those days, they didn't think there was much value to the shark," said Young, 72. "I only went out once when I was a kid . . . They (his uncles) had thrown the harpoon at one of the sharks and as the line played out I almost got caught in the damn thing. My father never let me go again."

Lowell Dillingham, 74, chairman of Dillingham Corp., also recalled going shark hunting with the Youngs when he was a small boy. He remembers being on a tugboat pulling a "very white, very dead horse" off Ewa Beach. The carcass — from a horse on its way to the slaughterhouse — was sliced so it would bleed and then left to drift until it attracted sharks.



Waikiki Aquarium photo

A tiger shark at bay.

The tugboat left the scene for a leisurely tour of the area, then returned when the carcass had attracted 10 or 15 sharks. Dillingham said he was too young at the time to react emotionally to what was happening and was uncertain what motivated people to go shark hunting — "whether it was hatred or some kind of sport." But he said few Hawaiians participated. Hatred sharks, he said, was something

"outside their experience."

"No, why should we do that?" asked Francis "Son" Hekeka, Honolulu fire captain and commercial scuba diver. He said that when he was growing up his parents taught him to respect and revere sharks, not to hate or fear them.

Hekeka said he doesn't approve of the hatred generated against sharks by recent books and films such as



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southwest Fisheries Center Honolulu Laboratory
2570 Dole St. • Honolulu, Hawaii 96822-2396

June 26, 1987

F/SWC2:GHB

Mr. Harry Lyons
P. O. Box 907
Kailua-Kona, HI 96745-0907

Dear Mr. Lyons:

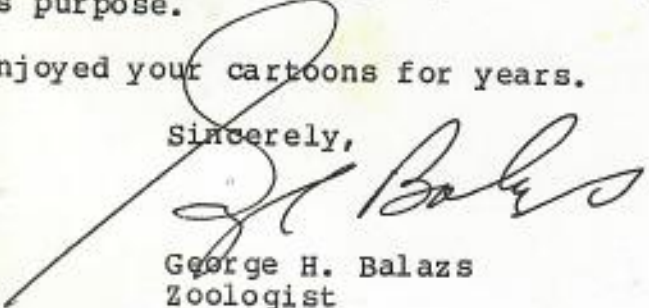
A copy of the June 1987 issue of "Kona Coast" was given to me yesterday and I had the opportunity of read your two interesting articles about the Kona shark incident. I am certainly in agreement with your introductory comment that one does not want to "...generate further fears nor whitewash the potential dangers of sharks." My own professional interest in sharks, specifically tiger sharks and great whites, stems from the fact that they are major predators of sea turtles. As the leader of the Hawaiian Sea Turtle Recovery Team, I am involved in numerous aspects of research on Hawaiian sea turtles.

In past years I have published two articles documenting shark attacks in the Hawaiian Islands. Up until that time, no summaries of this nature were available in the literature. Copies of the articles have been enclosed for your information. In addition, a formal and authenticated list of attacks in Hawaii is being maintained under my direction here at the Southwest Fisheries Center Honolulu Laboratory of the National Marine Fisheries Service, NOAA. The list is now being up-dated and will be available to anyone in the near future upon request.

I hope that this information will be helpful to you. I don't normally see issues of "Kona Coast," so when Part 2 of your article on sharks appears in July, I would greatly appreciate receiving a copy. A self-addressed and postpaid envelope has been enclosed for this purpose.

Best regards. I've enjoyed your cartoons for years.

Sincerely,


George H. Balazs
Zoologist

Enclosure

cc: John Naughton, WPPO ✓



7/12/87 SSB&ADV.
9/6

JAWS

THE REVENGE

This Time
It's Personal.



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July

Pacific Science (1981), vol. 35, no. 3
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A Report on a Nonfatal Shark Attack in the Hawaiian Islands¹

F. H. MARTINI² and K. WELCH³

FEWER THAN 100 shark attacks occur each year worldwide, and less than half of these result in fatalities (Baldrige 1973). Reports on roughly 20 percent of these attacks provide sufficient information to permit identification of the species involved. Shark attacks in Hawaii are relatively rare events. Prior to 1973, a total of 31 attacks had been recorded from Hawaiian coastal waters (Baldrige 1973). This report presents information pertaining to a nonfatal attack in which the species of the attacking shark was determined and its size and weight estimated from evidence gathered following the incident. Details of the attack may be summarized as follows:

DATE: 4 August 1980

TIME: 1800 hr (approximately)

LOCATION: Coastal waters approximately 1.5 mi south of the center of Lahaina, Maui

WEATHER CONDITIONS: Overcast with showers

UNDERWATER VISIBILITY: Less than 1 m

IDENTITY OF VICTIM: Caucasian male, 18 yr, 6 ft 1 in. tall, 170 lb (estimate)

ACTIVITY AT TIME OF ATTACK: Resting on "boogie board" just outside the surf line (depth 3-6 m)

REPORT OF VICTIM

Victim stated that he received no warning of the attack before hearing a splash and

¹ Manuscript accepted 12 January 1981. *note prior to the Balazs/Kam article*

² Current address: P.O. Box 207, Lahaina, Maui, Hawaii 96761.

³ Kaiser Permanente Clinic, 910 Waihee St., Lahaina, Maui, Hawaii 96761.

receiving a strong shove from his left side. As he rolled off the board to his right, he saw the broad head and dorsal fin of the attacking shark. The victim and his board were pushed through the water briefly before the animal broke off the attack. The young man returned to shore without assistance and was taken to the Kaiser Permanente Clinic in Lahaina for treatment.

DESCRIPTION OF WOUNDS RECEIVED

The victim had four separate, horizontal, and parallel lacerations 2.5-5.0 cm apart. The lacerations were located on his left flank from the level of T₁₂ to 3 cm below the iliac crest. The most cranial and posterior of these was a 2-cm linear laceration through the dermis to the subcutaneous tissues. The next two more caudal and anterior injuries were skin flaps 4 cm (length) by 1.5 cm (width). These were ventrally based in the deep dermis. The fourth laceration, over the iliac crest, was 8 cm long, 4 cm wide, and 2-3 cm deep into the subcutaneous fat. The flap of skin remaining possessed a 1-cm pedicel and was reattached. A total of 52 stitches were required; no vital organs were damaged and bleeding was minimal.

IDENTIFICATION OF THE ATTACKING SHARK

Little information was provided by an examination of the wounds, save the possible 2.5-cm spacing between the teeth. The boogie board was retrieved and examined in detail. A serrated crescent 36 cm wide had been bitten from the board, and the missing section was later recovered. The dental impressions made in the firm styrofoam were extremely clear (Figures 1, 2). In section,

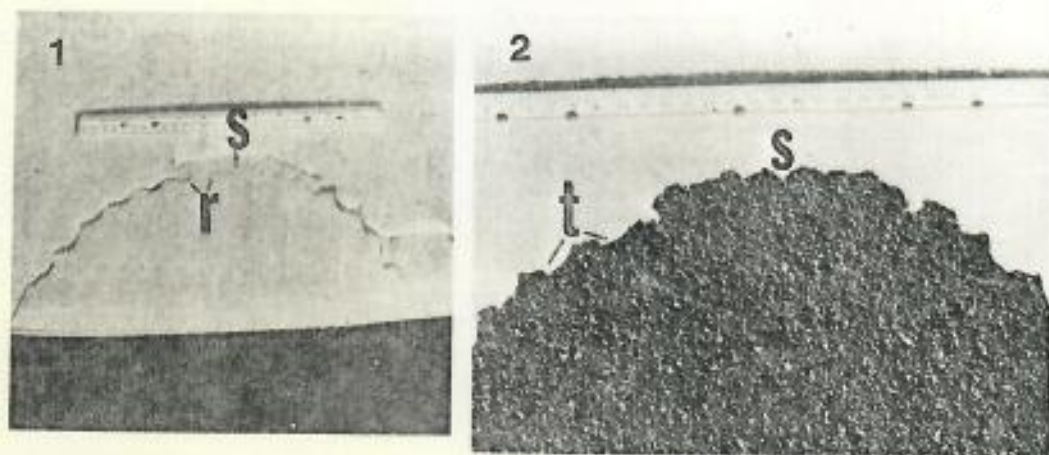


FIGURE 1. Left rear portion of boogie board, showing crescent-shaped bite impression left by the upper jaw; note symphysis location (s) and impressions left by replacement teeth on either side of the midline (r).

FIGURE 2. A portion of the bite crescent, with the small section removed; note the characteristic tooth marks (t) and symphysis (s).

tooth impressions on either side of the palatoquadrate symphysis measured 3 cm in width and 2.5 cm in height. The impressions were asymmetrical and curved to the respective corners of the mouth. The smooth-coated lower surface of the board recorded increasingly fine serrations on each tooth near the tip, which was located 2.4 cm from the left edge of a right lower tooth having a basal width of 3 cm. Serration size graded from almost 3 mm to finer than 1 mm. These data were felt to be sufficient to identify the attacking animal as a tiger shark, *Galeocerdo cuvier*. Out of 257 attacks in the shark attack file in which species identification was possible, 25 were attributed to tiger sharks, making this species the second most frequently involved in attacks on humans (Baldrige 1973).

ESTIMATION OF SIZE AND WEIGHT OF ATTACKING ANIMAL

From the location of the symphyseal teeth it was evident that the shark had struck the board and its rider slightly from the front. Tiger sharks possess a typical dental formula of between $\frac{9-9}{9-9}$ and $\frac{11-1-12}{12-1-12}$ (Bigelow and

Schroeder 1948). The impression left in the dorsal surface of the board yielded a partial formula of $\frac{8-6}{-}$. The lower surface of the board retained an impression of $\frac{10-1-x}{-}$ for the lower jaw; because of the large skeg and the offset angle of approach, it was not possible to determine a right lower count. The curvature of the upper jaw was traced and duplicated, and the jaw width was measured at the level of $\frac{9-9}{-}$. The jaw width so determined was 447 mm (17.6 in.). A preliminary estimation of the total size of the shark was made using the jaw width: total length ratio of 0.084:1.0 reported for an immature specimen by Bigelow and Schroeder (1948). This yielded an estimate of 5.3 m, which is close to the maximum size reported for the species. Because the ratio of 8.4 percent had been derived from a very small tiger shark (only 1.245 m total length), it was felt advisable to verify this estimate.

Data on jaw width for 11 tiger sharks ranging from 2.221 to 3.738 m in total length were obtained from the records of the Mote Marine Laboratory (Sarasota, Fla.). The data indicated a mean relationship between jaw width and total body length of 0.104:1.0

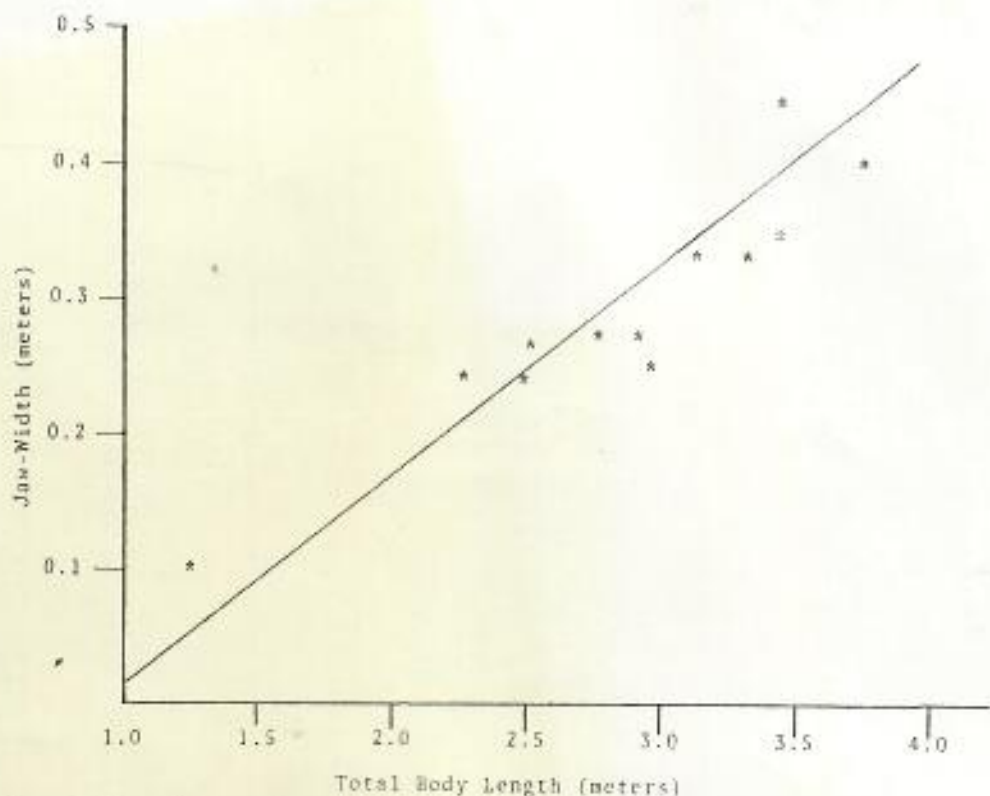


FIGURE 3. Scatter diagram and regression line for determination of total body length based upon known jaw width for the tiger shark, *Galeocerdo cuvier*.

(10.4 percent), higher than the value for the single immature specimen. This relationship produced a size estimate of 4.3 m (14.1 ft) for the attacking animal. Regression analysis of the jaw width: total body length relationship permitted the most accurate estimation of size. The scatter diagram and calculated regression line for estimating total length from jaw width is presented as Figure 3. This regression is linear, and the two parameters are highly correlated. The equation for deriving total body length from jaw width may be summarized as:

$TL_{\text{meters}} = 2.83 + 6.54(JW_{\text{meters}} - 0.300)$.
In the case under consideration, this yields an estimate of 3.79 m (12.5 ft). The standard error of the estimate is 0.279 m; the 95 percent confidence limits are ± 0.7 m. Bigelow and Schroeder (1948) indicate that

animals between 3.65 and 3.95 m weigh between 386 and 634 kg (850–1395 lb).

COMPARISON WITH OTHER RECORDED ATTACKS

Almost three-fourths of recorded attacks may represent territorial defense rather than concerted feeding behavior (Baldrige 1973). Lacerations without significant tissue loss, produced by a slashing movement of the upper jaw, are frequently observed, and the mortality rate is low, averaging 35 percent. The attack reported above cannot be considered typical in that the lacerations resulted from a biting action of both the upper and lower jaws. Had the board not prevented a more secure seizing of the victim, the attack would almost certainly have resulted in a fatality.

POTENTIALLY SIGNIFICANT FACTORS
IN THE ATTACK

The incident occurred late in the day, under twilight lighting conditions. Springer (1963) reports that tiger sharks feed most actively at this time, frequently taking objects from the surface of the water. Underwater visibility in the area was low, and other sharks were present in the area (reported and ignored by local surfers). Both these factors are felt to encourage aggressive behavior in sharks. Finally, the victim's bathing trunks (shredded in the attack), the skegs of the boogie board, and the entire dorsal surface of the board were international orange, a color known to be highly attractive to sharks, presumably because of its high reflectivity.

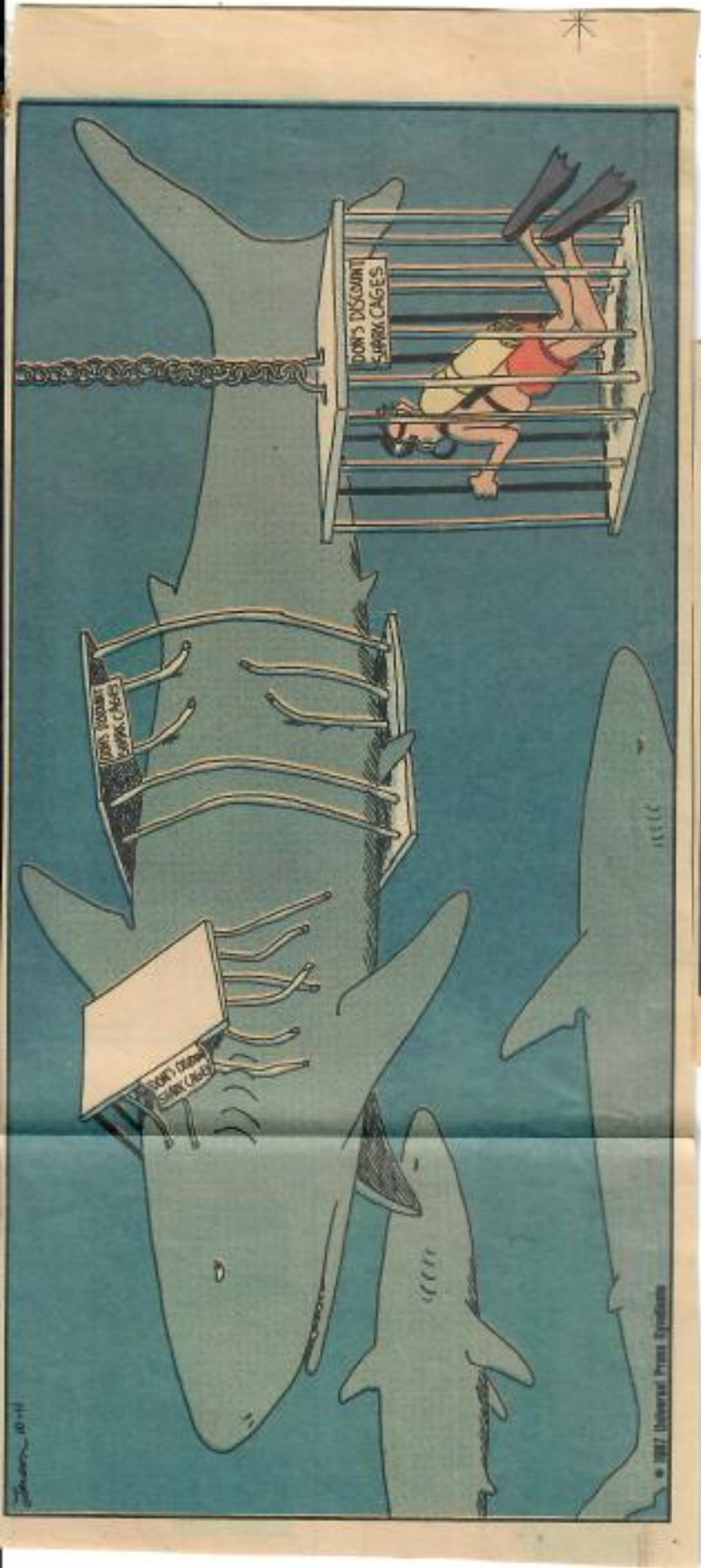
ACKNOWLEDGMENT

The authors would like to express their appreciation to Patricia Byrd of the Mote

Marine Laboratory for compilation of the jaw width data used in the preparation of Figure 3.

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THE FARE SIDE

by Gary Larson

SS-B&A 10/11/87

Sharks, farmland, more

The Maili tiger

I witnessed a near shark attack while surfing Nov. 22 off Maili Point. About 100 feet from me a group of surfers erupted in shouting and frantic paddling. While I saw only a big dark shape roll in the water, those nearby told me that a large tiger shark surfaced amid their group and rushed at a surfer, turning aside at the very last moment when the surfer jerked his board away.

As he passed me wide-eyed and churning shoreward, one of the surfers said "His mouth was open, bra!"

About a year ago off Maili Point, on a similar day of high surf and discolored water, I felt a swirl while sitting on my board, and looked down in horror to see a big tiger shark pass right under my feet. Other Maili surfing regulars told similar stories as we floated together in a tight defensive cluster.

Since tiger sharks are known to be territorial, and none of us has had shark problems at other surf spots, I suspect that the same shark is involved in these incidents at Maili Point, which brings me to the purpose of this letter.

I have appropriate reverence for all creatures great and small, and would never advocate some mindless crusade to rid Hawaiian waters of sharks, for truly they belong there. I also realize that Maili's spooky reputation keeps crowds of competing surfers away from my favorite waves.

However, where the Maili Tiger is concerned, enough is enough! Over the years I've grown attached to my limbs, and do not relish the thought that while I sit on my surfboard with legs dangling in the water I am also fishing.

Aside from this selfish concern for my own physical integrity, I might also point out that Jaws made a poor goodwill ambassador for tourism.

Accordingly, I suggest that some state agency fish for and remove the Maili tiger, even as dangerous dogs in Hawaii or man-eating tigers in India are removed from circulation. If the government declines to act, I urge some adventure-seeking fisherman to bait a shark hook — make it a big one, and set it just beyond the big surf line at Maili Point.

JOHN L. EARLE

THIS GUY

By John Christensen
Star-Bulletin Writer

CCHECKING the lines he set off the Waianae coast the night before, Cary Chiswick discovered he had hooked a 15-foot tiger shark. Actually, a 7-foot sandbar shark got there first, but the tiger got there with the most.

The tiger was still alive, but didn't resist as Chiswick hauled it toward the boat. They seldom do, he says. The first lesson in shark-fishing, then, is don't let the tiger shark fool you.

"Tigers act sort of nonchalant once you've got them hooked," he says. "They have this 'don't care' attitude. The fight's not gone, but the resistance is. They figure if this is the worst that's going to happen, they'll go along with you. But when you hit them with the powerhead, they explode. If you make a bad shot, you're gonna have to fight it for another hour.

"Sharks," he adds, with the kind of understatement we can all appreciate, "are not like fish. A lot of fish, they get a pain in the mouth, that's it. Sharks are prehistoric animals—they don't understand giving up."

so Chiswick pulls the unresisting tiger to the surface, and nails it with his 12-gauge powerhead. A powerhead is an aluminum pole with a live shell at the end that goes off when rammed against the shark. He calls the 12-gauge "my cannon—double-ought buck Nitro Express with 14 pellets. For about the first foot it goes in, everything looks like mashed potatoes. If you can sever a shark's spine with it, it's all over."

But the shark bursts away, and Chiswick has to haul it in again. He hits it with a second powerhead, and again it bolts. After a third shell, Chiswick and a friend drag the beast to the boat and began winching it out of the water on hooks.

With all but its dorsal fin out of the water, the tiger explodes back to life. Swinging and thrashing, it tears the lifting hook from its mouth, ripping a gash from its throat through the gill and partway down its side before it yanks clear. It also rips loose the original hook, flops into the water and swims slowly away.

"I can't imagine it lived," Chiswick says, "but nobody was in the mood to go after it."

IN the dozen years or so that Cary Chiswick has been fishing for shark, he has caught "a couple hundred or so, and that's conservative." It is not, however, a conservative pastime. When Chiswick tells a fish story, the tale about the one that didn't get away is often better than the one that did.

There was the time, for instance, when he anchored for the night on the west coast of Molokai. Sharks

...HUNTS THESE GUYS



To do in a shark, Cary Chiswick nails it with a powerhead like those he's holding. The powerhead has a live shell at the end that goes off when rammed against the shark.—Star-Bulletin photo by Craig T. Kojima.

are generally considered to be night-feeders. When he awoke in the morning, the buoy on his line was gone, and it was a while before he noticed the glint of white near his anchor line. It was then that he realized that whatever it was down there had spun the boat entirely around during the night, tangling the anchor and fishing lines.

What it was was, Chiswick found, was a 15-foot tiger shark weighing about 2,000 pounds, the biggest shark he'd ever hooked. But somebody was going to have to dive 30 feet down and untangle that mess. Guess who.

"The water was kind of dirty," he says, "because there was about 8 or 10 feet of silt. I made a quick dive in a mask and fins, but couldn't get it untangled, so I went up for a tank of air. The only other thing I had was a knife.

"It took me a while to get the lines untangled. I was just finishing when out of the gloom of that silt comes another tiger about 12 feet long. I thought I'd bought the farm.

"It scares you being there for so long, doing something, not watching, and then something like that comes out of the gloom. There's nothing more scary than dirty water, because you can't see until the last instant. That really gets the adrenalin pumping.

"I hit the surface immediately and yelled for my friend to grab the tank, but he didn't hear me. The gunnel is several feet above the water, but I just climbed out of there, tank and all."

Lesson No. 2 in shark-fishing, then, is make sure your partner is standing by with a powerhead, not listening to his "In-A-Gadda-Da-Vida" tape.

Chiswick is a stocky, 31-year-old Oahu native who works at Sea Life Park as a welder, machinist and, not incidentally, skipper of the boat they use to collect live specimens. He was trained as a deep-sea diver and worked for a few years at the Makai Undersea Target Range off Waimanalo.

His reputation is such that when a woman swam from Maui to Lanai last month, she hired Chiswick to swim shotgun and keep the sharks away. "Almost killed me," he says. "I wasn't in that kind of shape, even with fins on."

Chiswick fishes for shark for the same reason other people fish for akule or ahi—for food. "I don't believe in killing just to kill," he says. "Sharks are out there cleaning up half of our mess. The tiger shark is an ocean-going garbage truck. I kill them for the food.

"I fish for a lot of things," he says, "but I fish for shark, one, be-



cause it's a challenge. Two, it's a good source of meat with no bones in it and, three, sometimes it takes a lot less skill to catch a shark than a marlin. And they're delicious. If you cook it right, you can't tell shark from mahimahi."

Chiswick recommends soaking shark meat in a saltwater-and-ice brine for 24 hours, then wrap steaks in foil with lemon, butter, garlic and so on.

But marlin don't usually attack boats and ah! show no interest in humans as canapes. "OK," he admits, "I'm not known for being reasonable."

Chiswick had a major operation to repair his back after he slipped in mud while carrying a telephone pole. And he shattered his ankle playing on a mast which toppled sideways, dropping him 40 feet onto a bed of unimproved coral.

ANYONE trained to make helium-oxygen saturation dives in the North Sea has to be considered an authentic chance-taker. Baiting hooks with aku heads or 15 pounds of bloody meat and trailing them off the stern of a 16-foot Boston Whaler thus makes sense in the same way it does to be a lion tamer or a Flying Wallenda.

"Yeah," he agrees, "you're taking a chance, but the way I see it, I'm taking more of a chance driving home from work every day. More people are killed by lightning every year than by sharks. So the moral is, keep away from the Midwest, where they have all the lightning...."

Shark-fishing lesson No. 3 is there are two ways to do it. You can bait hooks and drop set lines and return in the morning to see what you've got, or bait hooks, toss them off the stern and drift.

Set lines are the ones that get tangled. Chiswick has had to dive as deep as 120 feet to untangle them, and about every third of fourth time, the shark is still alive. It may not be in mood to fight, but how can you be sure?

When drifting, Chiswick baits the hooks and tosses them in around 8:30 or 9 at night. He uses 8-inch-long hooks of 1/8-inch hardened steel fastened to a 3-foot length of high-tensile, 3/16-inch chain which is connected to 6 or 8 feet of 1/4-inch steel cable. All that is at the end of several hundred feet of 3/8-inch nylon line, one loop of which goes around the trigger on his air horn.

Then he goes to sleep.

At 1 or 2 in the morning, he comes shrieking awake to the jangling melody of the air horn. "It's so rude," he says. He turns on floodlights and begins reeling in his catch.

There are 225 species of shark, he says, but his possibilities are generally limited to sandbar, white tip, black tip, gray reef, on-shore and off-shore hammerhead, galapa-

Star-Bulletin
Today
Features
Entertainment


Tuesday, July 28, 1981 Honolulu

gos, blue and tiger. Almost invariably, he says, females are larger than the males, sometimes by as much as 30 percent. "Males look average in their proportions," he says. "The females, especially tigers, look like freight trains."

"The most I've ever seen are five or six at one time," he says. "One night we saw three or four oceanic white tips. Another time, there were six blues."

A galapagos repeatedly attacked the bottom of his boat one night, and a 14-foot tiger "spun the boat around like it was on a dime and knocked a corner out of the stern."

That's where the powerhead comes in. "When I'm fishing, I figure the shark has as good a chance as I do," he says. "But when I get 'em close to the boat, I cheat. You've got to sever their spine because they don't know when to quit, even the small ones."

Shark-fishing lesson No. 4: Sometimes the powerhead isn't enough.

"A lot of times, one slug is kind of disappointing. It doesn't stop them at all."

It is also sobering to note that Chiswick's luck has been very good in Honolulu Harbor, Kewalo Basin, Diamond Head and the Ala Wai yacht harbor. One night a shark stripped the line clean off a rod and reel he had rigged and set while his boat was tied up in the Ala Wai.

"That rig could have handled anything up to about 8 feet," he says.

Chiswick, however, has reassuring words for swimmers, surfers, fishermen and boaters. "There's absolutely nothing to worry about. Sharks are like dogs—there are plenty of them around, but most of them don't attack people. There's a lot of food around, so usually they're not a problem. They don't need to pillage among swimmers. Also, they don't like to be threatened, and something their size is threatening."

Chiswick says the best general rule is "Never try to predict 'em and always respect 'em."

Lesson No. 5 is all bets are off when it comes to tiger sharks, which he calls "an ocean-going garbage truck."

CHISWICK caught a 13½- to 14-foot tiger near one of the National Marine Fisheries' aggregation buoys. "Around the buoys," he says, "fishermen say if you hook a fish, bring it in fast or the guys in the gray suits will get it."

Among the things he found in the tiger were two badly decomposed sea turtles, a spider crab, an anemone called a "feather duster" and a mint condition turtle. Also, about 10 pounds of gravel Chiswick figures the tiger scooped up in its eagerness for a crableg dinner.

"You know," says Chiswick, "I thought 'Jaws I' was extremely well done. People laughed at some of the things and would say to me 'That could never happen, could it?' I go, 'Oh, man....' Having that shark climb into the stern of the boat was pure bull, but the rest of the stuff was very real."

"I'll tell you this: I don't go swimming a night. I'll go diving with a light and a spear, but swim to the island in the dark? No way."

As involved as he is with them, it seems reasonable to ask Chiswick if he ever dreams about sharks. "Yeah, sometimes," he says. "I wake up in a cold sweat."


COUPONS • KAUAI MAP • ACTIVITIES • DINING

Jan. 8-14, 1990

KAUAI BEACH PRESSES

FREE



A photograph of a woman from the chest up, wearing a green and white patterned dress with a white beaded necklace. The background is dark. The text is overlaid on the right side of the image.

Sharky's Fish Market, recently opened at the Westin Kauai, is a restaurant that combines fresh seafood, low prices and casual dining with a view. Located on the cliffs in front of the Fashion Landing at the Westin, Sharky's recreates an era of early Kauai with charm and authenticity. A giant aquarium is home for live sharks that endlessly circle and cruise as patrons look on. Sharky's is open daily for dinner, cocktails and seafood to go. Call 246-4470. Photo courtesy Sharky's.

SUPPLY IS DROPPING TO NEW DANGER MARK

of Every Drop
is Absolutely Necessary Says
Department Here

Check today Hilo's water
"holding its own," but
a drop in the water at
upper intake, was not-
iced by John Akau, su-
perintendent of the water works de-
partment, for the water being
drawn from the Hilo board-
ing reservoirs would be
down 8 hours.

On the matter with all
the city today, urging
action in the matter of
the garages were ask-
ing for car washing as possi-
bly when really neces-

sary becomes more and
more and drastic steps will
be taken to conserve the supply
this morning by Akau.
Theaters in homes and fac-

Mrs. L. Carlsmith Better, Lava glow Enjoyed From bed

It is reported today that Mrs. Leon-
ard Carlsmith, who was severely bit-
ten by a large man-eating shark on
Wednesday afternoon, is much im-
proved this morning, and is fairly
comfortable. Her condition, it is said
by the doctors, is very good, much
better than it was expected to be at
this time.

Last night when the first reports
of the outbreak on Mauna Loa were
heard in Hilo, the Carlsmith family
went at once to the Hilo Hospital to
be with Mrs. Carlsmith so that she
would not be frightened over the re-
ports. A large mirror in her room
was arranged so that she might see
the reflection of the glow in the sky,
and she was thusly able to see the
flare in the sky that thrilled Big Is-
land residents this morning.

COUNTY BAND TO OFFER POPULAR

PROPOSED IN WATER DECLA

Unanimous S
Increase, C
Spokesman

Plan is to Equ
Big Island,
Supervisor t

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raise in the wat
district is unfair,
Walter H. Hayse
a committee of th
before the board
terday afternoon
of the Kau people

It is not the a
the principle of
the people object
Hayselden who
people do not fee
more money in
other districts w
any revenue for

PROBLEMS OF THE CHAMBER

At its monthly meeting of the chamber of commerce called for 3 o'clock this afternoon, which time one of the matters brought up for discussion in regard to the Panama Canal.

Respect the chamber is considering the advancement of measures for the protection of forest and agricultural lands, means of prevention of fires, the selection of responsible parties in the act of starting fires; and the chamber is also considering measures for re-planting the burned area between Hilo and Waialeale.

was carted back to the police station where a large crowd gathered to look at him. A pair of handcuffs were put on the man by Police Officer Amos de Costa to insure against another attempt on his part to get away.

Yong was arrested in Waialeale this morning by Detective Pal Young.

MRS. L. CARLSMITH BETTER EVERY DAY

Mrs. Leonard Carlsmith, who was attacked by a shark last Wednesday afternoon, is reported to be improving and in a very excellent condition this morning by the hospital authorities.

No infection has set in, the doctor declares, and her recovery is now assured.

AT 01

(By Associated Press)
WASHINGTON
President Coolidge today opened baseball season by signing the bill due of the department.
The senate adjourned in order to attend to the session.

DRUNKENNESS CLAIM

(By Associated Press)
WASHINGTON
Today introduced a bill to show that drunkenness in the United States has increased from 258,974 cases in 1913 to 300,000 in 1925. Prohibition to be enforced in 1926, 1927 and 1928 years after the date of its passage.

HILO TRIBUNE-HERALD
APRIL 13, 1926 p. 1

...ing to the om-
nership of the appa-
ced under arrest on
ufacturing intoxicat-

y of the mash and
including the six-
pipe, were brought
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yed on the spot.

ill probably be tak-
ct court tomorrow
dge Stephen L. De-

de the raid follow:
tives W. J. Martin,
atsu, R. Takemoto,
al Young, and Chin

ES ON D-WORLD TRIP

president manager
Ltd., sailed by the
on on the first lap
ld jaunt.

joined in Honolulu
E. M. Osorio and
tined on to the
d thence across to
they will visit for
e continuing their
will come back to
ay of India, the
Philippines.

ARBOR UMBER CARGO

ghter S. S. Mukl-
early this morning
feet of lumber for

As soon as the new ordinances have
been approved and adopted, advertise-
ment of them will appear in the
papers.

Hilo TRIBUNE 4/11/26 SUNDAY P1
HERALD

SHARK LINES STILL OUT AT YACHT CLUB

Shark lines are still out at the
Yacht Club although no evidence of
any of the giant fishes have been no-
ticed since Friday. While it is gen-
erally thought here that the shark
caught by Micky Kalabin, oiler aboard
the S. S. Maui was the one which at-
tacked Mrs. Leonard Carlsmith. Ot-
to Rose, Leonard Rose, W. L. S. Wil-
liams and others who started the
hunt for the beast early Thursday
morning are continuing on the look
out for signs of other sharks.

Rose said yesterday that he be-
lieves that the large number of ships
which have been calling here lately,
including the large round the world
vessels, have attracted sharks to the
bay. The throwing of garbage into
the waters of the bay by the residents
along the coast was another attrac-
tion for the beasts, Rose added.

DEMOCRAT MEET ON OAHU JULY 26

(By Associated Press to Tribune-Herald)
HONOLULU, April 10—Attorney
Charles M. Hite was selected today
as chairman of a committee of three
which will prepare a tentative draft
for the Democratic party platform,
and submit the draft to be consider-

blaze was declared
Wednesday by L.
tive officer for the
ture and forestry w
men from the Olaa
the fire for three d
was declared at the
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over. During toda
winds started whic
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swept by the raging

As long as the f
from crossing the
was under control a
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engine and cars wit
of hose and water
the blaze.

Fire Gets

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fourths miles, and
miles.

The fire is now
ever before and las
time was sweeping
ward the governmen

About 7:30 last
some 100 men was c
ander Fraser, fire
and A. J. Watt, fire
Puna district, to b
volcano road from 4
Olaa.

With the men on
necessary to wait fo
in the direction of th
work could be sta
was expected to c

The Magazine Section to be Added to the Sunday Tribune-Herald Will Interest All

WEATHER
 April 9, 1926
 Max. temperature 80
 Min. temperature 60
 Barometer 30.05
 Precipitation 0.00
 Rainfall this month 0.00
 Rainfall to date 11.90
 Wind: N. E. Clear

HILO TRIBUNE-HERALD

A DAILY NEWSPAPER FOR THE ISLAND OF HAWAII

MAIL
 Arrive: Tait
 Coast: Tait
 Orient: Tait
 Australia: Tait
 LEAVE
 Coast: Tait
 Orient: Tait
 Australia: Tait

VOL. IV Member of the Associated Press

HILO, HAWAII, FRIDAY, APRIL 9, 1926

All the News Today

SHARK CAPTURED IN HILO BAY

Entombed Boy Rescued by Fast Work of A

YOUTH HAS NARROW ESCAPE IN BARTH SLIDE AT HONOKAA

Quick Action by Road Laborers With Shovels Saves Life of Lad Buried by Embankment

Several Feet of Debris Falls Over Ernest Gouveia; Severe Injuries About Face Suffered

(Special to the Tribune-Herald)
 HONOKAA, April 9.—Ernest Gouveia, 7-year-old son of Mr. and Mrs. C. Gouveia of Hanalei, was severely injured and had a narrow escape from death yesterday afternoon at 3 o'clock when he was hurled to earth several feet of loose rock and earth which slid down the unfinished embankment at Honokaa public school athletic field.

Mrs. L. Carlsmith, Victim of Shark, Improved Today

Mrs. Leonard Carlsmith, who was badly injured Wednesday night when she was attacked by a shark while swimming near the Hilo Yacht Club, is much improved today, according to a statement issued at the Hilo Hospital at noon.

The statement further says that Mrs. Carlsmith has improved much more rapidly than was expected and that now every hope is held out that her leg may be saved, and that she will completely recover from the horrible experience.

The attack is still being talked about all over town, and many expressions of admiration of the courage and grit displayed by Mrs. Carlsmith throughout the experience were heard.

BIDS OPENED BY SUPERVISORS AT REGULAR SESSION

Committee Here from Waiohine to Protest Proposed Change of Hospital There to Home

The meeting of the board of supervisors which was scheduled for 10 o'clock this morning did not take place until noon today at this time two bids were opened. The meeting then adjourned until 1:30 when the first thing taken up was the hearing of the committee of citizens from Waiohine who are here to protest the plan to change the Waiohine hospital into a home for the aged.

This committee has been in town since Wednesday when the meeting was expected to be held. The session

MICKY KALABIN, OILER ON MAUI, LANDS BEAST WITH SMALL FISH LINE

Sea Animal May Be Same One That Attacked Mrs. Leonard Carlsmith Near Yacht Club; Large Monster Also Shot at Punaluu

A shark measuring six feet from tip to tip, weighing 110 pounds, which may be the man eater that attacked and terribly lacerated the right leg of Mrs. Leonard Carlsmith while she was swimming at the Hilo Yacht Club at 5:30 o'clock Wednesday evening was caught this morning at 7:30 on a line by Micky Kalabin, an oiler aboard the Matson liner Maui.

Kalabin heard about the attack on Mrs. Carlsmith while in Honolulu and jokingly told his companions aboard ship that he would land the shark when he got to Hilo. This morning at 7 o'clock soon after the Maui left Honolulu for Hilo.

PLUMBERS O PLEDGE SUPPORT CITY WATER

Community Division Sections; All L Repaired Soon

Drastic Action W Unless Regulated by All; Supply N

Members of the city's water department are working to improve the city's water supply as they are sure that all leaks must be repaired with as little delay as possible.

This was the main reason for the meeting of the water department at the city hall yesterday.

PASSENGER RIIS

FRIDAY, APRIL 9, 1926

All the News Today

No. 50

KILLED IN HILO BAY

by Fast Work of Men

MICKY KALABIN, OILER ON MAUI, LANDS BEAST WITH SMALL FISH LINE

Sea Animal May Be Same One That Attacked Mrs. Leonard Carlsmith Near Yacht Club; Large Monster Also Shot at Punaluu

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Kalabin heard about the attack on Mrs. Carlsmith while in Honolulu and jokingly told his companions aboard ship that he would land the shark when he got to Hilo. This morning at 7 o'clock soon after the Maui docked he put a light fish line—the kind ordinarily used for catching ulua and smaller fish, out from a square port opening on the port side of the boat.

While Kalabin hoped that the shark would bite he expected to get nothing bigger than an ulua. His line which was baited with fish remained for about fifteen minutes when it suddenly grew taut.

"I thought I had a whale on the other end," Kalabin said this morning when asked how he caught the big fish. The shark put up a strong fight but after a struggle lasting over an hour the water beast

finally gave up the battle and was drawn along side by Kalabin and several companions.

Stomach Is Opened

Examination showed that the shark had a mouth measuring about a foot across. At 9 o'clock it was drawn aboard the Maui and taken to the dock where Leonard Rose, who helped

measured eight feet six inches from nose to tail and is two feet and a half broad. It was not weighed.

This shark was sold to a local Japanese fish market by Gohier for \$25.

Shark Hunt On

A hunt for the shark which made

PLUMBERS OF HILO PLEDGE SUPPORT IN CITY WATER CRISIS

Community Divided Into Five Sections; All Leaks Will Be Repaired Soon as Possible

Drastic Action Will Be Taken Unless Regulations Followed by All; Supply Now Borrowed

Plumbers of the city have pledged their cooperation in aiding the water works department of the city in every way so that all leaks may be repaired immediately with as little waste of water as possible.

This was the announcement made this morning by John Akau, superintendent of the water works department, who held a meeting with the plumbers of the city outlining the situation before them.

Sections Are Made

At the present time and until such time as rains relieve the draught the city has been divided up into four large sections and a smaller one. The various plumbers have been each taken a section and with their men will immediately tend to all leaks reported in their districts.

"We are just holding our own at the present time," declared Akau this morning. He further declared that the water which is being furnished the city by the Hilo Boarding school through the courtesy of the Hilo Electric Light Co., and the Hilo Sugar Co., is really supplying the city.

Supply Needed

"If this supply is removed the re-

BY S AT SESSION

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MERCURY FROM MAIL

...Tribune-Herald
...ril 9.—The April
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BETTER

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...nourishment.

Examination showed that the shark had a mouth measuring about a foot across. At 9 o'clock it was drawn aboard the Maul and taken to the dock where Leonard Rose, who helped in the rescue of Mrs. Carlsmith, cut it open.

A large number of people from town had gathered to see the man eater. Examination of its stomach showed that it had not eaten for some time. Except for a small piece of shell the stomach was absolutely empty.

Even after it had been cut open the shark showed signs of life. It moved vigorously whenever touched and it was more than an hour later before all evidences of vitality were gone.

The shark was brought to town by Antone Paiva after Kalabin had been photographed with it for the Tribune-Herald. Paiva exhibited the sea monster in all parts of the city.

After showing the corpse about town Paiva took it to the lower Waiuku bridge where it was hung on a telephone pole on the Hilo side of the bridge.

Opinion on whether or not the shark is the same one which bit and badly wounded Mrs. Carlsmith or not differs. Leonard Rose who has caught several sharks in Hilo bay believes that it is probably the same one. Had it been a bigger shark Rose states she would have lost her whole leg.

Attacker Believed Large According to the injured woman the shark which attacked her had a mouth about three feet wide. It made but one attack she declares.

Her injuries indicate that the shark was of unusual size according to Carl J. Carlsmith, and Leonard Carlsmith, who do not believe that the shark caught is the same one which attacked Mrs. Carlsmith.

A much larger shark than the one caught by Kalabin was shot in Punaau yesterday morning by Charles Gohier, chief engineer aboard the Kalam. The big fish was brought to Hilo aboard the ship where it attracted much attention in Hilo harbor this morning.

Rifle Is Used Gohier used a high powered rifle in shooting the Punaau shark. It

This shark was sold to a local Japanese fish market by Gohier for \$25.

Shark Hunt On

A hunt for the shark which made the assault on Mrs. Carlsmith was started early yesterday morning. An inch and a half line was strung from the boat apron at the Yacht Club to the red buoy about 220 yards out toward the breakwater.

This line was held up by three floats made of empty kerosene oil cans. W. L. S. Williams, manager of Waiakea Mill, supervised the laying of this line. Five pounds of Ahi on a long steel hook measuring one eighth of an inch in diameter was fastened to the end of the line.

Three other lines were run out from the point in front of the A. C. Wheeler residence close by to the place where Mrs. Carlsmith was bitten on Wednesday. These lines were managed by Gilbert Patten, Leonard Rose and Otto Rose. Patten used a hickory rod and a reel.

Hooks on Wire

The hooks which were small ones were strung with piano wire to insure them from breaking loose. Small sized fish line was used. All night long a vigil was kept but although several bites were felt no definite signs of the shark were seen.

The line from the apron to the red buoy is still in the water as is one of the lines on the point. The hunt will be continued for sometime until it is definitely proven that there are no other sharks in the bay.

SMALL SALES MARK DAY'S STOCK TRADES

(By Associated Press to Tribune-Herald) HONOLULU, April 9—Small sales of a dozen securities occurred at the morning session of the stock exchange today, amounting to 310 shares traded for a total of \$500. Catton, Nell Co., bonds sold at par, and local stock generally remained unchanged.

Consolidated Amusement Co. shares rose one point higher than yesterday, going to 26. California Copper is three cents lower, or at 1.30. Tangle is on a quarter, and Olax went down one-eighth.

the city by the Hilo through the courtesy of the Electric Light Co., and it is really supplying

Supply "If this supply is served reservoirs would run out in hours."

The water from the city is not sufficient to meet the city's needs. Although a small amount of water springs there is not enough to supply the reservoirs. A number of landowners have paid attention to the problem, declares a spokesman, "They need no more their water is shut off."

NO DECISION IN ELECTIC OF SPENCER

It may be a few days before an indefinite period before the supreme court decides the contest case of Harry Samuel M. Spencer, by the latter this morning turning from the case.

Owing to the amount of business piling up before the court upon the resignation of justices last year and the delay in appointing new ones, the pressure of work makes it difficult to say just how soon the Allen-Spencer case will be decided, it is said.

Spencer does not expect to be decided over the outcome of the non-committal regard to the case he may have in the future.

MCKINLEY HIGH GAME FROM

HONOLULU, April 9—McKinley High won the final game of the series over Hilo High School with a score of 8 to 0. McKinley a two game cinching the series.

Tribune-Herald Aims to Cover All Local News--Over 70 Hilo Items Printed Yesterday

ADVERTISING RATES	
per line	10
per inch	62
per column	29.00
per month	5.00
per year	60.00
per party	11.00
per party	11.00

HILO TRIBUNE-HERALD

A DAILY NEWSPAPER FOR THE ISLAND OF HAWAII

MAIL SCHEDULE
 Arrive in Honolulu
 Coast: Tuxt, April 9
 Orient: Liscola, Apr. 15
 Australia: Aorangi, April
LEAVE HONOLULU
 Coast: Toonaha, April 10
 Orient: Tuxt, April 9
 Australia: Sierra, April 12

Member of the Associated Press

HILO, HAWAII, THURSDAY, APRIL 8, 1926

All the News Today No. 49

WOMAN'S ATTACKED BY SHARK

Even Election Fraud Cases Up Here Monday

**URY WILL
UP MATTER
OTE CHARGES**

ts Coming Out of
ast Fall Furnish
sis for Evidence
State That Young
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*Senate to Probe
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**STRANGE FRIGATE
BIRD IS CAPTURED
AT VOLCANO HOUSE**

Powerful Species Dwelling on
Laysan Island is Seen Here
for First Time in History
A powerful male Frigate bird, mem-
ber of a species living only on Laysan
Island in the Hawaiian group, was
found caught in the shrubbery on the
lawn of the Volcano House yesterday
morning, and was captured by Ag-
net Coates of the Volcano Garage.

**MRS. CARLSMITH BITTEN
DURING SWIM LAST NIGHT
IN SURF AT YACHT CLUB**

Leg Badly Lacerated During Struggle; Quick
Work of Party in Stopping Flow of Blood Saves
Life, Doctors Declare After Accident
Mrs. Leonard Carlsmith, 25, was severely injured yesterday evening
about 5:30 when she was attacked by a man-eating shark while
swimming from the Hilo Yacht Club to the raft near the Otto Rose

**COUNTY WORK IS
SHOWN IN REPORT
READY FOR BOARD**

Entries on Books Show Credit
Balance of \$10,150 on Ap-
ril 1; No Disbursements Made
General Fund Turns in \$34,000
From Property Tax List
Auditor Tells Other Items
Permanent improvement work con-
sisting exclusively under county fun-
ding since 1917, under way at 1

MRS. CARLSMITH BITTEN DURING SWIM LAST NIGHT IN SURF AT YACHT CLUB

Leg Badly Lacerated During Struggle; Quick Work of Party in Stopping Flow of Blood Saves Life, Doctors Declare After Accident

Mrs. Leonard Carlsmith, 25, was severely injured yesterday evening about 5:30 when she was attacked by a man-eating shark while swimming from the Hilo Yacht Club to the raft near the Otto Rose swimming pool. The shark with one bite terribly lacerated her right leg from the heel to the thigh. The calf of her leg was torn nearly to shreds, and the part of her limb-above the knee was laid open to the bone.

She was taken to the Hilo Memorial Hospital where her condition was reported as being still serious late today. Her courage and pluck, displayed throughout the horrible experience is spoken of highly today by all who were nearby when the attack was made.

Quick thinking and acting on the part of those who went to her rescue saved her life, the doctors declared. A tourniquet applied to her leg as soon as she was brought to shore, was the only thing which saved her, it was said by the doctor. The tourniquet was applied by Otto Rose, Leonard Carlsmith, and A. C. Wheeler.

Attorney and Mrs. Carl S. Carlsmith and Mr. and Mrs. Leonard Carlsmith were the only ones in swimming at the club at the time of the accident. Mrs. Leonard Carlsmith dived from the raft after telling Attorney Carlsmith that she would swim over to Rose's place and back. Attorney and Mrs. Carlsmith remained on the raft Leonard Carlsmith had, not yet gone into the water and was standing near the boat house.

Shark Attacks

When Mrs. Carlsmith had reached a point about 25 yards from shore, in a line with the point of land in the

the point of land in the Wheeler front yard. He reached her side when she had covered about half the distance to the shore.

Screams are Heard

By this time the members of the Rose and Wheeler families, hearing the screams for aid, had rushed to the scene. Attorney Carlsmith realizing that she would be taken care of by these people, rushed to the clubhouse to phone for a doctor. Within four and a half minutes Dr. L. L. Sexton had arrived.

In the meantime Carlsmith had succeeded in getting his wife onto the

COUNTY SHOW REA

Entries of Balance 1; No General F From Auditor

Permanent ing exclus shows very present time port of the month of M books show as of March fers of \$265 of \$10,150 of ments from month.

The report ready for s supervisors meeting on fair average and no bus une or amo eral fund c amount of c while the v paratively several feat terest.

Receipts count, for th ed \$49,223.6 March 1 bal of \$86,854.85 ments were of warrants 1 balance The large general fur from the ge sums would

FRIGATE CAPTURED AND HOUSE

is Dwelling on is Seen Here ne in History

frigate bird, mem- g only on Laysan alian group, was shrubbery on the House yesterday captured by Aug- ople's Garage. n to light on the entangled in the lawn, and while pe, was captured e.

Lively has quite normal ing, is being sent is afternoon to be ogical gardens in

ascertained, this of a Frigate Bird nd of Hawaii, as he great distance l Hawaii very of.

has an enormous l can stay in the e. Of this inter- tional Geographic 25 says "The fe- ins a proper white t throughout the e mating season t highly inflatable red, naked skin. Weird

d and colorful vags his comic in- en nesting site to overhead. Then, id builds the nest the chosen site, ative) and other- balloon shrinks

**SLAYER
CALLED INSANE**

... to Tribune-Herald)
April 8—Yukiye Wa-
... slayer of his son
... en, was adjudged in-
... the territorial hog-
... lengthy examination.

*veness of Island People 4/8/26
ost Impressive to Visitor Here*

HILO TRIBUNE HERALD

... visiting Hawaii for
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... d that the merchants
... f the latest styles in
... ygoods and wearing
... as thoroughly know-

... ing the market in the various lines
... of general retail commodities.
... "Another feature of business which
... impresses me is the regulation of
... turnover by the merchants, and I am
... sure that the turnover here must be
... better than it is on the mainland, ac-
... cording to the amount of business
... done, and I attribute this to the lack
... of seasons in the islands."
... When asked about the situation in
... the raw sugar market, Schrenkelsen
... said that he was in receipt of recent
... advices from the New York office of
... the firm saying that sugar prices will
... not go any lower and that prospects
... in the industry are much brighter
... than they appeared only a few days
... ago.
... Representatives Visit Here
... It is in line with the policy of Amer-
... ican Factors, Ltd., to bring represen-
... tatives from the firm's San Francisco
... and New York offices to the islands
... at various times in order that they
... can get a closer contact with busi-
... ness affairs here, it was declared by other
... members of the firm who accompany
... Schrenkelsen on this visit. "Through
... such visits, the representatives can
... (Continued on page 2)

... Leonard Carlsmith had, not yet
... gone into the water and was standing
... near the boat house.

Shark Attacks

When Mrs. Carlsmith had reached
a point about 25 yards from shore, in
a line with the point of land in the
Wheeler front yard, the shark at-
tacked her, and with one bite severed
every artery in her right leg, from the
heel to the thigh. She screamed for
help and started swimming toward
the shore.

Attorney Carlsmith was watching
her and suddenly saw a swirl about
the swimmer and saw the fins of the
shark. He then yelled for aid, and
her husband, perceiving that she was
in danger, ran quickly around the
rocks and jumped into the water from

ing that she would be taken care of
by these people, rushed to the club-
house to phone for a doctor. Within
four and a half minutes Dr. L. L. Sex-
ton had arrived.

In the meantime Carlsmith had suc-
ceeded in getting his wife onto the
rocks. There it was seen that she
was losing a great amount of blood
and it was realized that unless the
flow was stopped immediately she
would bleed to death. A. C. Wheeler
had on a long neck tie, which he took
off and this was applied as a tour-
niquet to her upper leg. Otto Rose,
Carlsmith, and Wheeler getting the
tourniquet in place. It was this alone
according to Dr. Sexton, which saved
her life.

Taken to Hospital

She was then carried to the Wheel-
er front yard, where towels were
wrapped about the cuts. As soon as
the doctor arrived she was placed on
a mattress from Wheeler's home and
taken in Roses' open car to the hos-
pital.

She was conscious throughout the
whole experience, until she was plac-
ed on the operating table at the hos-
pital.

It was necessary to apply anesthetics
twice to treat the cuts. At 3 o'clock
this morning her fever was down and
her pulse normal. However, early
this morning it was doubted whether
her leg could be saved.

Shark Seen Before

The shark which attacked Mrs.
Carlsmith, it is believed, is the same
one which has been seen near the
shore for several weeks, and is about
six feet long. According to Rose this
is the first shark in his knowledge to
attack anyone in Hilo bay. Rose has
been here 28 years and he says that
old Hawaiians living here all their
lives have never known of a shark
biting anyone in Hilo bay. A number
of them, however have been seen in
the vicinity of the Yacht club and
Cocoanut Island. Rose, himself has
caught and killed several, near his
own swimming pool. A 12 foot shark
was caught near the wharf some time

(Continued on page 2)

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WOMAN ATTACKED BY SHARK IN BAY

(Continued from page 1)

ago.

Shark to Be Sought

Every effort will be done to capture this shark. It was said this morning by Rose, as until that time it will be dangerous to swim in that vicinity. Rose uses a spear, a gun, and a rope in killing sharks.

The fact that the shark did not continue the attack after taking one bite, is explained by Rose in this manner. The water was rather dirty, the swimmer had on a dark bathing suit, and her fair skin was probably mistaken by the shark for a fish. He was probably as much surprised as the swimmer when he took the bite. The shark is naturally a fish eater and was no doubt after his evening meal when he bit Mrs. Carlsmith. **Sharks are naturally cowards.** Rose points out, and he believes that this is the reason they have never attacked anyone else in swimming near there, although many have been found.

Today is Mrs. Carlsmith's 25th birthday. She arrived here early in January with her husband and baby for a visit with Attorney and Mrs. Carlsmith. She is the daughter of Dr. David Snedden, head of the Teachers College, of Columbia University, New York. They had planned to leave by the Maui this week to return to their home.

Peter McRae watchman for the Hawaiian Contracting Co., reports having seen several sharks in Hilo bay during the last week, and warned all the sailors from boats not to go in swimming. **The sharks have come close to shore, having followed the ships in.**

PROGRESS OF ICE

board of health, who Big Island for a booked to sail by the afternoon.

VISIT AT VOLCANO

Mrs. R. R. Craik Grant Wheeler are volcano district for Craik who is in charge construction work in district there.

RICHARDSON DEPARTS

George Richardson, was among the day for a visit in Hilo with business in

ABI TO HONOLULU

S. Abi, clerk in the office, sailed by the goes yesterday after visit in Honolulu.

Best Folding Card Stationery Co.—Adv.

VISITS FROM LAU

David Branco of in Hilo this morning with business matter

NOTLEY IN TOWN

John K. Notley, de for Honokaa, was a this morning in conn business matters.

Humane Officer—Adv.

IN FROM HAKALAU

Miss Viola Merrilla Capellas, school kalau, were visitors day.

ACHI RETURNS

W. C. Achi, who on the Big Island for sailing by the Hale noon to return to his

COLLINS TO LEAVE

A GRUESOME TRAGEDY

All Hawaii was shocked yesterday upon learning the news of a gentle lady being attacked by a savage monster of the sea and dreadfully mutilated by one snap of the creature's jaws. Shudders of horror were felt at the telling of the tale and a wave of sympathy went out towards the sufferers and her near relatives, who were horrified witnesses to the desperate struggle.

While tragedy of any kind casts a spell of deep gloom, there is none so gruesome and uncanny in nature as that of an attack by a shark. It leaves a haunting shadow over the mind for years afterwards:

In southern seas, below the equator, such attacks are not of infrequent occurrence and are prepared against at many public bathing places. But here in Hawaii such a thing is so rare that it creates as much horror as would the rising up of some legendary monster in actual life.

So unusual is such an attack here, in fact, that it will be reported by all the newspapers of the country and their readers will believe the danger much greater than it really is. The casual reader will not stop to consider the dangers surrounding him almost daily, where tornado, flood, fire, train wreck, even mad-dog bite, and other causes of fatalities almost wholly unknown in Hawaii, are of frequent occurrence.

But this is one of the most dreadful and unfortunately cruel things happening in Hilo within the recollection of the oldest inhabitant. The speedy and complete recovery of the victim is sincerely hoped for, and again sympathy is expressed for her and her relatives who severely suffered from the shock.

HTH P.6

4/9/26 FRIDAY

12-20-91
7HA A21

From shark victim's family

To the people of Hawaii:
Your concern, your support and your prayers have meant so much to my family and me during these past two weeks since Marti's passing. We are firmly convinced of her joyful presence with God, and in this promise we are encouraged, but her absence from us has left a tremendous wound which so many of you have rushed to help fill in every way that you possibly can.

Her death was violent and abhorring, it resulted in a controversy which threatened to divide a generous and loving Hawaiian people. I pray that these wounds will heal and that Marti's life as well as her death will be remembered for helping to foster a loving bond among Hawaiians as well as within the rest of our community.

Thank you for your continued encouragement and prayers.

DAVE MORRELL and FAMILY
Lahaina

12-19-91 A15
LETTERS HSB

Morrell family hopes wounds of the community will heal

Please relay to the people of Hawaii my feelings in the best way you can.

Your concern, your support, and your prayers have meant so much to my family and to me during these past weeks since Marti's passing. We are firmly convinced of her joyful presence with God, and in this promise we are encouraged, but her absence from us has left a tremendous wound which so many of you have rushed to help fill in every way that you possibly can.

Her death was violent and abhorring, it resulted in a controversy which threatened to divide a generous and loving Hawaiian people. I pray that these wounds will heal and that Marti's life as well as her death will be remembered for helping to foster a loving bond among Hawaiians as well as within the rest of our community.

Thank you for your continued encouragement and prayers.

Dave Morrell and Family
Lahaina, Maui

NOYLE
PHOTO PRODUCTIONS

733 AUAHI STREET
HONOLULU
HAWAII 96813
808 524-8269

November 11, 1989

George H. Balazs
Zoologist
Marine Mammals & Endangered Species Program
National Marine Fisheries Service
2570 Dole Street
Honolulu, HI 968922-2396

Dear George:

Enclosed are the shark prints as promised. I'd be very interested in knowing what type of shark you think it is.

Rusty mentioned he's trying to contact Winn Anderson, the potential victim, but has had no luck so far.

When you've completed your review, I'd like to have the photos returned for my stock files. Should you need prints for your permanent files, please let me know, and I'll make prints for you at cost.

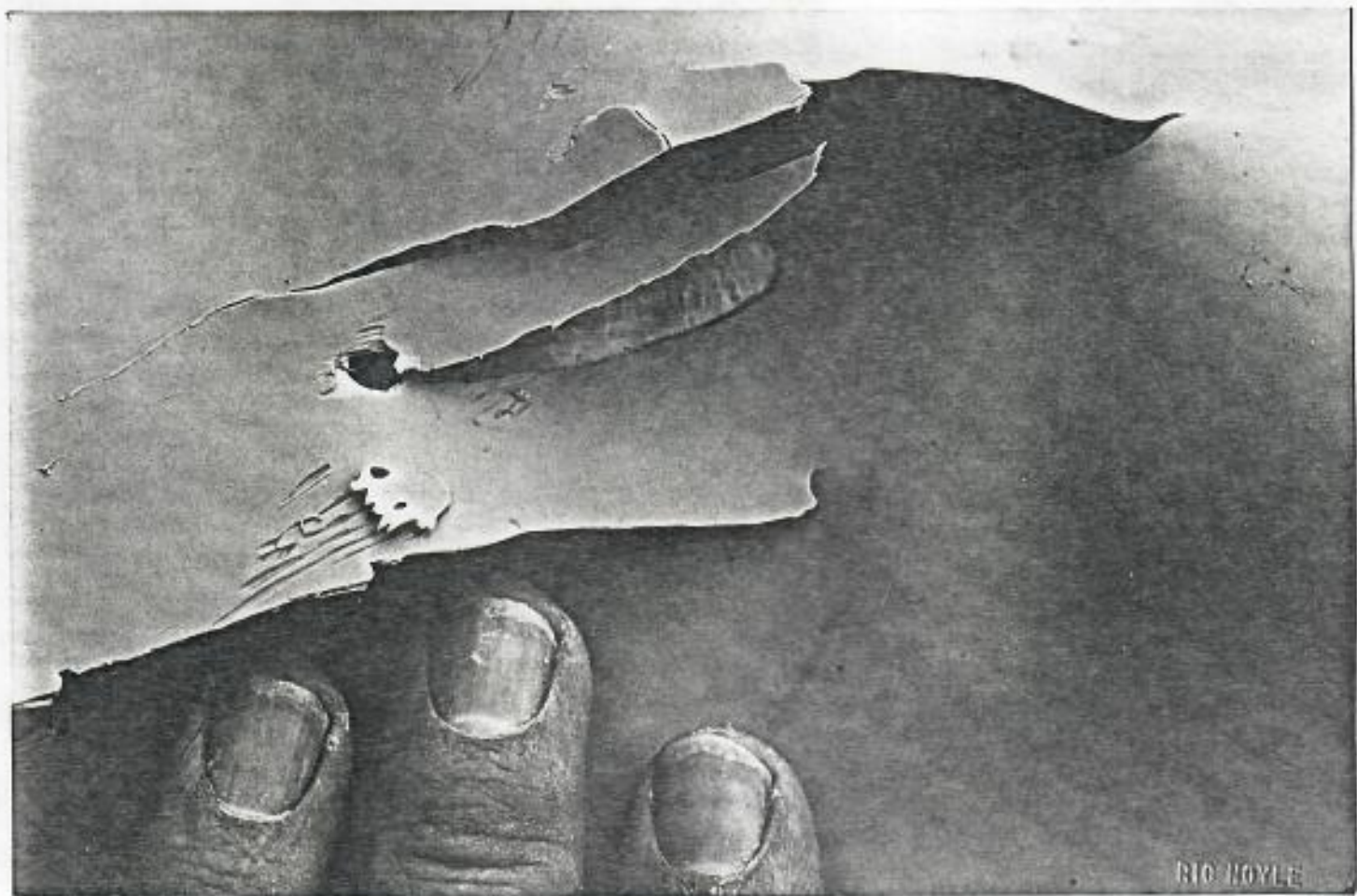
Regards,


Ric Noyle

encl



RIC HOYLE

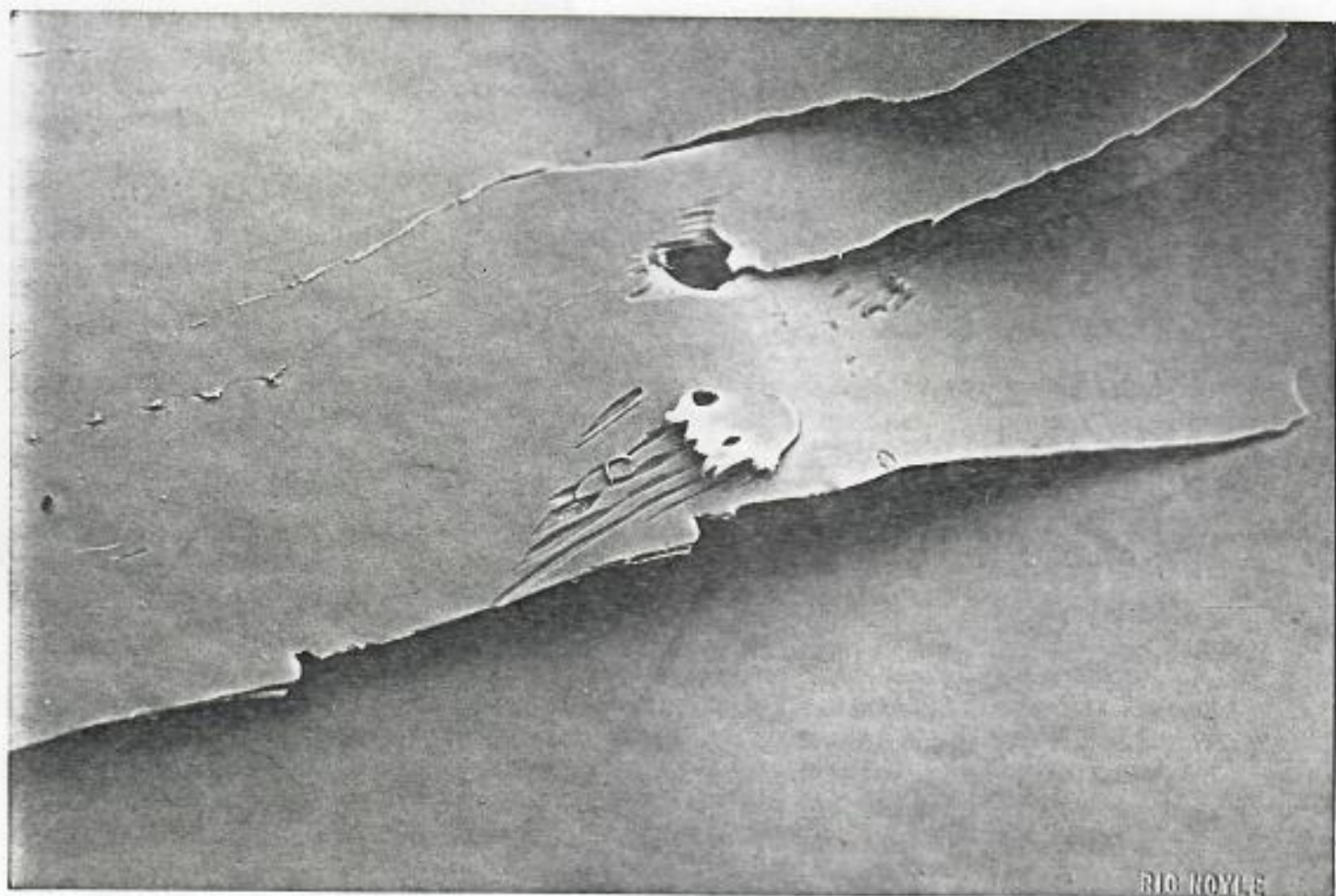


RIC HOYLE

N. Shore Molokai
1989



RIO HOYLE



RIO HOYLE

HONOLULU STAR-BULLETIN 7-30-87

3 safe after shark sinks their boat

Star-Bulletin Staff

NAALEHU, Hawaii — Two men and a boy were forced to swim for several hours when a shark attacked their fishing boat nine miles off the Ka'u coast Tuesday night.

All three made it to shore without serious injury although they had to fight off other sharks after being thrown from the boat.

Their boat, a 20-foot Boston whaler, capsized and has not been recovered.

Weston Leslie, 40, a commercial fisherman from Napoopoo, his 12-year-old son, Newton, and his partner, Walter Gay, 27, were fishing Tuesday night when the shark attacked.

A police report said the shark weighed as much as 600 pounds.

Leslie told police he killed the shark with an underwater gun called a "bang stick" before all three were thrown from the boat.

The three reached shore just south of Naalehu yesterday morning, after managing to

scare off other sharks by striking the water with their hands, police said.

The boat, valued at \$20,000, was owned by Joe Haunio of Kalapana.

Shark saga survivors credit 'desire, God's will'

By Hugh Clark

Advertiser Big Island Bureau and United Press International

PAPA BAY, Hawaii — "It took a strong mind, perseverance and God's will."

That's what 27-year-old fisherman Walter Gay believes helped save him and two companions during a 12-hour ordeal at sea when a shark sank their boat nine miles offshore and they had to swim in.

In a telephone interview yesterday, after a long night's sleep, Gay said, "We are feeling better now because we knew there was always a chance we weren't going to make it."

Gay said he and skipper Weston Leslie, 40, are good

swimmers and divers and that gave them physical confidence. But they also had to tow a fish box that held Leslie's 12-year-old son, Newton, who was cold, frightened and anxious to get home.

Gay said on Tuesday the three left on an overnight fishing trip. They had been at sea four hours when they saw a large shark chasing an ahi that Gay had hooked on his line about 9:30 p.m.

The ahi, weighing about 100 pounds, was snipped in half with one bite from the shark. "I've seen it happen before," said Gay, who believes the shark was a great white.

But Gay was not prepared

See Shark, Page A-4

HONOLULU ADVERTISER JULY 31, 1987

Shark attack survivors recount ordeal

From Page One

when the shark charged the 20-foot Wellcraft boat, bit the motor and then took a second bite below the surface, near the drain plug.

Leslie decided the shark had to go. The two men lured the shark, estimated at 19 feet and 1,000 pounds, with a piece of fish they hung over the side. When the shark took the bait, Leslie leaned over with a bang stick — an underwater gun with a single .44 magnum shell — and shot it in the head.

The shark dropped from sight and the men resumed fishing.

Suddenly, the boat rapidly sunk — nine miles offshore.

The three had to abandon the boat, leaving so quickly they were unable to grab the life preservers.

Fortunately for the boy, they spotted the fish box, which is used to hold the catch,

floating in nearby debris. They retrieved it and put the boy inside the 4-foot by 8-foot plywood chest.

Gay said it was bad enough swimming through the night, toward the lights of Naalehu and Pahala, but when dawn came, they looked underwater and saw several 8-foot, white-tip sharks swimming near them.

Both Leslie and Gay were nearing exhaustion after seven hours in the water. They ripped up a dark-colored rain jacket and tied it around the palms of their hands and soles of their feet to mask the white color, which might attract sharks, Gay said.

They also swam under the surface of the water as much as possible and tried not to make splashing sounds, except when one shark got within 4 or 5 feet, he said.

"Once you're scared of them, they know it, and they know it's time to feed," Leslie said. "You have to show them you're just as brave as they are."

"My son wanted to cry, but I kept

talking to him and saying, "We're in trouble, so we got to do our best to be safe," he said.

The men scared off the shark by screaming underwater, slapping and pounding the water with their hands.

Gay, who swam for the Aulea Swim Club as a teenager on Oahu, said the experience helped him through the challenge.

But it took more than the Aulea experience, said Gay. There also was a strong desire to survive. "I was thinking of them a lot," Gay said about his wife, their 3-year-old daughter and 8-month-old son.

When they finally reached the beach at Honuapo about 10 a.m., the two men collapsed. They lay on the sand for an hour before they had enough energy to walk to Mamalahoa Highway and get a ride.

How did they survive?

"Desire was the big thing," Gay said. "We kept ourselves up mentally. It was really mind over matter. We knew we were not hurt and we were still alive. We had something to shoot for."

Scott Johnson
Box 325
APO SF 96555
11/2/89

Dear George,

It was good to get into contact with you again. I'm surprised you managed it so easily. For future reference, you can call (or try to call) me out here at 471-1836. It's a Hono number but, if you ever get through (it's usually busy), you'll connect with the Kwajalein operator. Give her (or him) my extension, which is 6449 (work, usually 8 am - 4 pm) or 2774 (home). Kwaj is two hours earlier than Hono.

After spending a couple of years in California learning to write high tech manuals, I got a job out here editing a local newspaper. That was a bit frustrating, however, and now I'm back to writing technical manuals on various aspects of radar systems. Not exactly the most exciting work around, but it keeps me in the Pacific.

I've told this shark story quite a few times, so I remember many of the details (at least, I don't think my memory has added many embellishments throughout the years). Feel free to use as much or as little of the story as you'd like.

I saw the shark in 1972. It would have been either summer or fall, because I was aquarium fish collecting with Emil Eastburn, another fish collector for the company then called Hawaiian Marine Exports. I'm inclined to think it was early fall. I distinctly remember seeing most sharks in Hawaii during the fall and winter, and this was the first shark (other than white tips) I'd seen in a long time.

We were anchored off the Makaha surfing beach, slightly on the Keaau side where the reef starts up again after the large sand flats directly off the beach. We'd anchored over the ledge there that bottomed out about 50-60 feet. Emil was working the fence net and stayed in the vicinity of the boat. I was scouting the outskirts looking for the more widely scattered solitary fish, such as Forcipiger and Apolemichthys arcuatus (if it's still in that genus). I'd moved a considerable distance from the boat, since I kept seeing arcuatus specimens off in the distance in deeper water - whenever I caught one, I'd see another at the limit of my visibility farther out. I'd moved perhaps 1-200 meters from the boat when I saw the shark moving obliquely toward me from perhaps 60-80 feet away. Even at that distance, I was instantly impressed, but, never having seen a great white in real life before, I did not initially recognize it. I can remember the moment of revelation. As the shark approached, I thought to myself (something like), "What a monster. I've never seen so fat a shark, or one that was so black above but abruptly white undernea ... oh shit!"

At that point, I tried to melt into the coral. The shark moved to within about 15 feet of me. Although it looked the size of a submarine, thinking about it calmly later (considering that I knew the terrain and could compare the shark's size with the size of coralheads it swam over) suggested that it was about 12 feet long, possibly slightly longer. I admit the "impartial observer" eye was not in use during this incident, so I cannot describe the shark in detail. I do remember the distinct coloration of black and white, the relatively large tail fin, and the sort of bluntly pointed nose (not rounded like that of a black tip or white tip).

The shark made a half circle around me a bit over one shark length away. It then turned away and swam back out near the limit of my vision, turned around and came back in. By this time, I was trying to crawl back to the boat whenever the shark's back was turned. After a second pass about 15 feet away, it continued on and went beyond the limit of my vision. I took off toward the boat. I didn't time myself, but it took approximately an eternity to get back to the boat. In that time, I saw the shark once more at the limit of visibility behind me before it vanished completely. When I got back, I dragged Emil out of the water and, naturally, we changed collection sites for the rest of the day. He never did see the shark.

When I returned to the dive shop that day - I think it was Sand Island Dive Shop, because that was the one we were using at the time - I started to tell the story but was stopped before I could say what I saw by the shop attendant saying something like, "Oh, you must have seen old whitey." It seems like a "15-foot" white shark had been reported from Makaha several times over the previous month.

George, I had one other shark incident in Hawaii that might be called significant. This one took place on a shore dive in September 1980 near Makua. Actually, it was just where the lava coastline started up again at the southern end of Yokohama Beach (just barely south of the guarded road that turns up toward the radar installation up on the ridge). I was night diving alone near shore where a small ledge drops from a depth of about 5-10 feet at the top to 20-25 feet at the bottom. I was counting nudibranchs and doing some follow up work after my thesis. I was carrying a short 3-prong spear in case I wanted to get a parrotfish for dinner. I had finished my counting and was swimming along the base of the cliff heading back to the cove where I could safely climb out of the water. At this time, I was no more than 75 meters from my cove but the water at the base of the cliff was still about 20 feet deep. As I swam, I held my spear in my left hand and flashlight in my right, and pointed the light at the cliff to keep my eye opened for parrotfish or anything else interesting. Somehow, in the edge of the light beam I caught a glimpse of something moving. I looked and a few feet in front of me was a large gray shark, about 7-8 feet long. It wasn't a tiger, nor was it a gray reef. Although I did not get much chance to look at it, I guessed it was a galapagos gray. I don't think it was trying to attack. It was not moving fast - in fact, it appeared to be asleep - but I was directly in its way. Lacking time to try to move aside, I held the short spear in front of me. He ran into it, which forced the butt end of the spear against my chest and pushed me against the cliff as he just plowed on past. He may have sped up or turned somewhat when he hit

the spear points, but it all happened so fast, I couldn't really tell. Needless to say, I sort of forgot about parrotfish in my haste to once again walk on dry land.

Your story about the shark that attacked the kayak off Makapuu reminds me of an incident at Enewetak Atoll. I realize this is not applicable to a listing of Hawaiian shark incidents, but thought you might be interested in another story for entertainment's sake.

I went to Enewetak in August 1975 for a week from Kwajalein to help Phil and Janet Lamberson, then MPML managers, put together a mollusk reference collection. One of my days there was spent on the island of Mut (also called Henry), where I'd accompanied two geologists (one by the name of Dave Walter and the other's first name was Vaughn) and two botanists. On the return trip to Enewetak, the engine in the 16-foot whaler died. As soon as we ascertained that we couldn't fix it, we radioed Phil and asked for a tow. It was a dead calm day with glassy conditions, so it was no problem drifting over deep lagoon until the tow boat could get to us. While we were waiting, though, I happened to look over the side and saw about a 5-foot gray reef swimming in lazy figure eights about 20 feet down. I pointed it out to the others, since the glassy water made the shark very easy to see and I thought that they, all non-divers, would be interested.

I didn't expect the reaction. "Uh oh, a shark. What if it attacks the boat?" Attacks the boat? Why, I asked, should it attack the boat? Apparently, Jaws had recently been to the movie screens. I hadn't seen it, but they told me that the shark in Jaws attacked and sank a large boat. True, this was a smaller shark, but we were in a much smaller boat. I was disgusted. That's Hollywood, I told them. Sharks don't attack boats. Take it from me - I'm a marine biologist.

It seemed to reassure everyone and they were all able to enjoy the sight of the shark swimming around below. After a couple of minutes, though, it started to look a little funny - as though it were swimming erratically. I had never seen a posture from above before, and didn't recognize it as such. Before I could comment on the strange behavior, however, the shark darted off in a large arc, leaped completely out of the water near the bow and rammed his nose into the gunwale at the bow - high enough that if he had done it at the stern, he'd have been in the boat. A split second later, he hit the boat with a large splash near the stern.

We all leaped toward the center of the boat and I grabbed a paddle to beat him off. But he was gone. Dave looked at me and said, "OK marine biologist, so sharks don't attack boats?" I fear I lost a little credibility that day.

A few minutes later, the shark, or another about the same size, returned and swam up to the side of the boat before going back down and disappearing. Then our tow boat showed up and we got out of there.

Well, I've talked story enough for now. I hope to be up around the university on the 28th of this month. If I make it, I'll try to stop over to say hello. Don't wait around just for me, though, because I may well get tied. It will be my only day in Hono in over a year and a half, and I have a few things on my list to do.

Hope all is well with you.

Scott

THA 2/19/90 A5 Monday

news 949-1336

Found 2/18 Sunday

Shark victim's remains found

The shark-mutilated remains of a man believed to be a missing diver were found floating between Manana (Rabbit) Island and Makai Pier yesterday afternoon.

The Honolulu man, 47, was the object of a search that began after a Kaneohe Marine Corps Air Station recreational dive boat capsized. The man and four others were in the boat in waters off Mokapu Island late Saturday night.

One of two Marines aboard swam to shore to report the mishap and that four men were hanging to the hull of the boat.

Helicopters from the air station, Coast Guard and Honolulu Fire Department and a Marine search-rescue boat searched the area and were able to pick up three of the men.

A search continued until 4 a.m. for the other man, a civilian, who apparently disappeared shortly after a wave capsized the 22-foot outboard motorboat. Rescue workers dropped a buoy near the accident scene before leaving.

When the search resumed later yesterday morning, the buoy had drifted toward Rabbit Island. The fire helicopter, following the current and buoy, reported seeing a body with two sharks in the area. A fire rescue boat, launched from Ka-

lua's boat ramp, picked up the remains and took them to Makai Pier.

Rescue Capt. Manny Neves said only a torso and legs were recovered. The city Medical Examiner's Office will do an autopsy.

Two sharks, about 8 feet and 14 feet long, remained in the area until rescuers left, he said.

Husband charged: Richard Damo, 74, of Ewa Beach Road, was charged yesterday with two counts each of first-degree terroristic threatening and attempted first-degree assault after an alleged hammer and machete attack on his wife Friday.

The woman, 41, took away the hammer and fended off the

2/17 SAT.

2661-C Council of Roy Smith - 254-6619

machete blows with a broom stick and was not injured, police said.

Damo's bail was set at \$50,000 and he remained in a police cell pending arraignment tomorrow in district court.

Mysterious death: A young man who was "acting erratically" on Diamond Head Road at about 8:15 Saturday night died about an hour later at The Queen's Medical Center, police said.

The victim, who has not been identified, was pounding his head on the sidewalk, digging dirt with his hands and yelling, including for "someone to call the police," according to witnesses.

When officers arrived, they

handcuffed and held him, then he lapsed into unconsciousness, police said.

He was taken to Queen's, where he died at 9:27 p.m. Detectives said the victim appeared to have suffered a drug overdose. The city Medical Examiner's Office will determine the cause of death.

Hilo crash: Six vehicles were involved in a chain-reaction accident Saturday night that Hilo police blamed on a drunken driver whose car ran off Stainback Highway, hit a utility pole and caused wires to drop across nearby Hawaii Belt Road.

Police said the car, driven by a 26-year-old Hilo man, broke a

POLICE BEAT

Lanikai man charged in thefts

A Lanikai man has been charged in bench warrants with first-degree robbery and car theft involving a Feb. 1 attack in which a former business partner bit off one of his fingers, police said.

Thomas G. Swingle, 56, of Luika Place, was arrested at the police station Wednesday and arraigned yesterday in District Court on the two felony charges.

Police said the knifepoint attack occurred when the two men were sitting in the victim's car at a Kapahulu restaurant.

The robber fled in the victim's car. Police recovered his severed fingertip from the car when it was found at Swingle's home, they said. Swingle was not there at the time and not arrested until Wednesday.

Victim identified: The shark-mutilated human remains that were recovered Sunday near Makapuu Point have been identified as those of a fisherman who disappeared when a boat capsized Saturday night about 11 miles away off Mokuapu Point.

He was Roy Takeo Tanaka, 47, of Beckwith Street, Manoa, a general contractor and fisherman. The city Medical Examiner's Office said identification was made through scars from

knee surgery.

Four men, including two Marines, were fishing with Tanaka off Kaneohe Marine Corps Air Station when their 22-foot boat capsized. One Marine swam ashore to get help. Rescuers picked up three men clinging to the boat's hull. Tanaka's remains were found the next day off Manana (Rabbit) Island.

Victim named: A professional surfer who drowned Wednesday when his surfboard leash apparently tangled on a submerged rock off Sunset Beach was Barry Robert Wilson, 25, of Ventura, Calif., the city Medical Examiner's Office said yesterday.

Robbery reward: Liberty House is offering a reward of \$4,000 for information leading to convictions of two men who robbed its Kailua store's main office of about \$4,000 at 7:30 p.m. Feb. 8.

The two entered the office after threatening a cashier at her window, forced her to open a door, took money from a safe, then fled down a fire escape.

Both were described as in their early 20s with short black hair, possibly wearing jeans. The gunman was of Oriental, 5-foot-7, 150 pounds, medium build, wearing a beige long-sleeved jacket. The other was possibly Oriental, 5-foot-6, 135 pounds, with a dark jacket. Anyone with information should telephone detectives, 943-3381.

Shark attacks

by Frank Iverson

Shark attacks are increasing in Hawaiian waters. The recent attack of a scuba diver on Oct. 15 brought the total attacks of sharks to 22 this decade, twice as many as in the '70s.

There are many theories for why shark attacks have increased. Both marine biologist George Balaz and fishery biologist John Naughton agree on one possibility. With an increase in the state and tourist population as well as a rise in water recreation such as scuba diving, snorkeling, and windsurfing, there are bound to be more shark attacks.

Naughton also has a separate theory for the increase in attacks. "There has not been an active shark fishery in 10 years," he said. "If there are fewer sharks being caught, then the shark population rises."

Naughton explained that the market for shark is not as good as tuna or mahi-mahi. Fishermen would rather catch other fish than shark.

"Government-sponsored shark hunting, which keeps the population down, could lead to ecological problems," Naughton continued. Many large sharks feed on small sharks, and when large

sharks are hunted, the smaller sharks multiply.

This leads to ecological problems because, as Naughton explained, "Larger populations of small sharks means a bigger threat for animals such as the octopus and smaller fish. It could ruin the whole ecological chain."

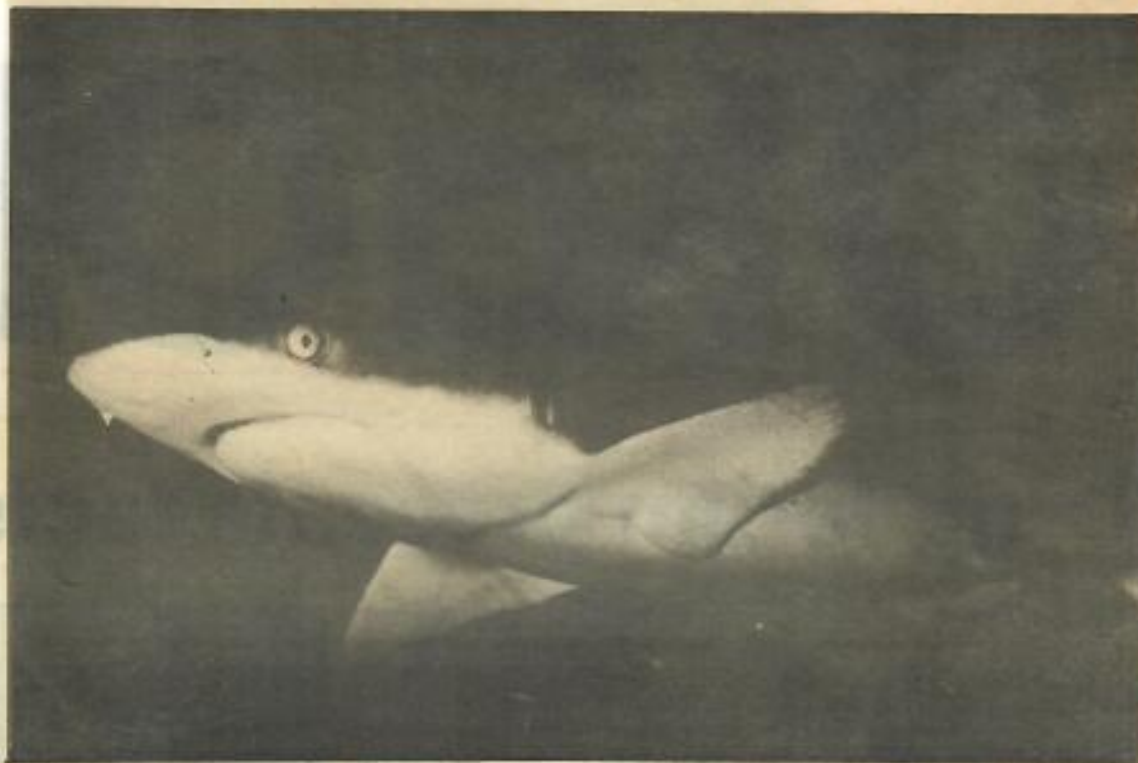
Why do sharks attack people? According to Naughton, most sharks don't go after people and those that do often "mistake surfers for turtles or are defending their territory."

The tiger shark, however, is an exception to this rule. Naughton said, "A tiger shark feeds on anything and would actually feed on people if it could." This is the type of shark Naughton believes was spotted at the HECO outflow on Oct. 15.

Naughton said, "During the Cooperative Shark Research and Control program conducted from 1967 to 1969, the tiger shark was the second most abundant shark caught. The first was the sandbar shark." Most tiger sharks, however, stay in deep water during the day and come closer to shore only at night.

Naughton pointed out that most shark attacks occur at night or in dirty water where sharks hunt, hoping to catch

increase in Hawaii's waters



A black-tipped shark prowls Hawaiian waters.

Courtesy of Waikiki Aquarium

fish by surprise.

Balaz said, "I wouldn't go swimming at night and transition times (sunrise and sunset), in murky water or areas where there is a drop off such as a channel entrance that leads outward to harbors.

What should you do if you see a shark? "Most sharks under five feet long don't harm people, but if you do see a shark, slowly swim in the opposite direction."

Naughton said, "If you start splashing, this just might excite the shark."

Balaz said it is important to remember that, with the bodies of shark attack victims, it is often hard to determine if the attack was the cause of death or if the victim was already dead when the shark attacked.

Most times, however, sharks will leave you alone. Naughton cited an experience where, "I was (in the

water) off Midway and was watching a seal when suddenly it darted into a cave. I was wondering why it had chosen to be afraid of us now since we had been observing it for 10 to 15 minutes. A few seconds later a large object passed overhead. At first I thought it was the Zodiac, but I didn't hear any engines. Then I looked up and saw that it was a great white shark that swam right over us."



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southwest Fisheries Center Honolulu Laboratory
2570 Dole St. • Honolulu, Hawaii 96822-2396

October 31, 1989 F/SWC2:GHB

Mr. Bob Hoffman
Bojac Dive Center
94-801 Farrington Hwy.
Waipahu, HI 96797-3193

Dear Mr. Hoffman:

Thank you for your telephone call last Friday requesting a current copy of my annotated list of shark attacks in Hawaii. In addition to the updated list, I am also sending you 1) the 1981 article that contained the original list, 2) a 1983 Honolulu Magazine article on the same subject, 3) 1981 and 1987 articles from Hawaii Fishing News, and 4) several other miscellaneous articles of possible interest.

As reflected by the above items, it is my opinion that the risk of shark attack in Hawaii remains very small, but nevertheless is a distinctly possible event. In those cases where a fatality occurred but no one witnessed the event, it is usually not possible to determine the primary cause of death. Even then, death may be from multiple factors. For example, in the 1958 case where a young man's leg was amputated by a shark, the cause of death was reported as blood loss, drowning, and shock. The shark was still in the vicinity of the body an hour and a half later, but no additional wounds were inflicted. There are many such reports of a shark inflicting a single bite on the victim.

In my view, the exceedingly tragic nature of each fatality, especially for friends and family, should greatly overshadow any immediate public debate as to cause of death. If no witnesses exist, and the Medical Examiner is unable to make a determination, then we will never know for certain exactly what happened. When the victim is devoured, the case takes on an especially gruesome nature. Society as a whole is repulsed by animals eating our deceased. This is particularly painful for family members who have no one to bury and bid final farewell, as part of the grieving process. These are serious considerations, and I believe they should not be detracted from by making reference to the shark as having been "merely feeding" when it devoured the person.

The criterion for inclusion on my shark attack list is that direct physical contact and injury (including being devoured) occur to a human. The annotated portion of the list, and the supporting literature documentation, show what is, and what is not, known about the cause of death and other pertinent factors. The reader is left to make his or her own speculative decision.



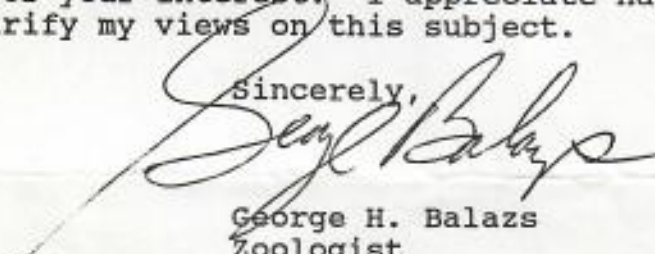
if they so wish. I stand by the use of the word "attack", or perhaps better phrased, by the inclusion of those cases on a "shark attack list" in which the primary cause of death is indeterminate.

As time permits, I intend to prepare an auxiliary list covering significant shark "incidents" in Hawaii, where direct bodily contact with a shark did not occur. This includes such documented cases as a surfer being knocked from the water when his board was struck from beneath by a shark (Kauai 5/85); a Hawaii State legislator being frightened by a shark and having a heart attack (Ewa Beach 10/70); and a kayak being bitten by what was most likely a large mako shark (Makapuu 6/87).

Lastly, I should point out that the list that I have been maintaining for the past 10 years is not part of a larger project sponsored by NOAA, National Marine Fisheries Service. It originated here locally on my own volition, in collaboration with Alan Kam, after discovering that shark control programs to guard against shark attack were being routinely conducted here without the benefit of a factual historical list of local attacks. My continuing objective is to fulfill a valid scientific need for the community, taking care not to overemphasize, or down-play, the information that comes to light. Obviously, this is not always an easy task since sharks, like snakes, are perceived in many different ways by different people. Copies of the information that I collect are regularly sent to the compilers of the International Shark Attack File.

Again, thank you for your interest. I appreciate having the opportunity to clarify my views on this subject.

Sincerely,



George H. Balazs
Zoologist

Enclosures

Shark perils divers trying to rescue body

By Christopher Neil

Advertiser Staff Writer

Fire Department divers yesterday found the body of a scuba diver reported missing off Kahe Point but could only watch as a huge shark attacked the corpse.

The diver, Ray Mehl of Kukumula Street in Waipahu, was reported missing Saturday night by friends who said they surfaced about 400 yards away from the Hawaiian Electric Co. power plant outflow and then lost sight of their 32-year-old companion. Fire rescue team searchers started looking for the missing man at about 6 p.m. Saturday but gave up at 10 p.m.

The firefighters started searching again at about 8 yesterday morning. Two Nansukuli firefighters began snorkeling where the missing scuba diver was last seen. The fire rescue team sent out boats and a helicopter.

Firefighters Albert Fernandez and Walter Falconer, swimming in water made murky by the runoff from the mountains during the recent rains, first found a speargun — cocked but unfired — and a scuba tank. Then they saw the diver's body, wedged between some rocks.

Fernandez said he was diving down to get the body, "but then I saw this shark come up and it was big — maybe 10 or 15 feet — and big and thick so we went back up again.

"It was going around us and under us and just watching," he said.

Falconer and Fernandez got back-to-back for protection in the murky water. Falconer held the loaded speargun at the ready while Fernandez began waving a rescue buoy at the rescue squad and the helicopter on the shore. Then the helicopter took off and hovered above the water where the two firefighters were keeping a wary eye on the shark.

Acting Capt. Aaron Young of Rescue Squad II dropped from the helicopter into the water next to Fernandez and Falconer.

"Imagine how I felt," Young said. "I didn't know what was going on down there. I never thought I would be afraid of a shark, but when I saw this guy I walked on water."

Young decided it was unsafe to remain in the water as long as the shark was there and had the helicopter come and pick them up.

Young noticed about eight people in a scuba diving class closer to shore and warned them to get out of the water. He also warned two divers by the HECO outflow.

After making sure all the swimmers were out of the water, Young and a rescue squad boat returned to the area where the shark was and dropped a buoy.

They watched as the shark thrashed around in the water.

When the shark came to the surface, Young and the others headed back to shore to get a police sharpshooter stationed there. But when they returned, the shark was gone. It was 11:15, almost two hours after Fernandez and Falconer first sighted the body in the water.

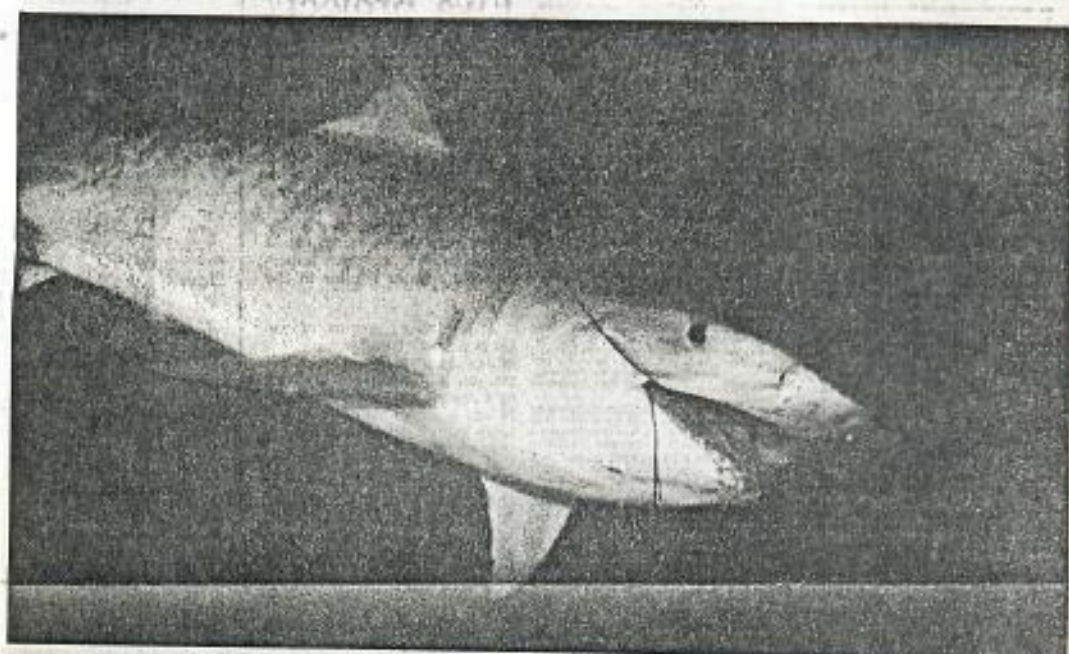
What was left of the diver's body were finally brought to shore. "There is no way we could find out if he got into trouble and he died or if he was initially attacked by sharks," Young said.

Young added that the diver's friends have positively identified the dive equipment retrieved by Falconer and Fernandez.

It was uncertain what kind of shark it was that attacked the diver's body. Young said tiger shark sightings are common in the area, perhaps because of the outflow from the HECO plant, but he saw none of the distinctive stripes that tiger sharks have.

"He was big, grey and had a

Missing
10/15/89
Sat.



This photo of a tiger shark was taken a few years ago.

Advertiser file photo

white underbelly, that's all I know. He was huge; I couldn't believe how big he was."

According to Lt. Teene Froiseth of the Department of Parks and Recreation's Water Safety Division, the recent rains may be the cause of several recent shark sightings.

"When it rains all the dead animals and mosquito larvae from the mountains are washed into the ocean," Froiseth said.

Froiseth said the larvae attract smaller fish and the smaller fish attract larger ones. "The whole food chain moves in," he said.

Additionally, the rains flood canals and carry fresh water fish to the ocean, where they die. The dead fish also attract scavengers such as sharks, he said.

The Waiānāi Army Recreational Center closed its beach at Pokai Bay on Oct. 6, 7 and 8 because of shark sightings, an Army spokeswoman said.

And Froiseth said a camper at Nanakuli caught a 6-foot sand shark in a net Friday. Other sharks have been spotted at Nanakuli Beach Park in the past week, he added.

Shark attacks on the rise in Hawaii, expert says

By Barbara Hastings
Advertiser Science Writer

Marine biologist George Balazs says shark attacks in the Hawaiian Islands have been on the increase.

Balazs, with the Federal National Oceanic and Atmospheric Administration's fisheries service, said there have been "an extraordinary number of cases in the past couple of years. I don't think it's (just) better reporting."

There have been six attacks this year alone, he said, three on Kauai, and one each on Maui, Molokai and Oahu.

During the 1980s, Balazs said, there have been 22 shark attacks in Hawaii waters. Counting this attack, Balazs said, eight people have died.

Marine researchers list any attack on a human, Balazs said

— those who may have drowned first and then were attacked by the shark and those who died directly of shark attacks.

During the decade of the 1970s, Balazs said, there were 11 shark attacks and three people died.

Balazs has gathered a list of 78 shark attacks since 1900.

The 1980s decade holds the record at 22. The 1950s were second with 14 attacks, he said.

In most cases, it wasn't clear what type of shark was responsible. The great white shark was implicated in some, he said.

Great white sharks have been spotted here now and again since the turn of the century, according to reports, but they do not make Hawaiian waters their home.

The tiger shark is the biggest local shark resident. It's also one of the most prevalent in Hawaii waters. Balazs said they are abundant in waters just past the dropoff — just past the wave action where the water gets deep.

Even though there are lots of them, Balazs said, they are rarely seen by divers. "That's probably because they mainly feed at night or at transition times — sunset and sunrise."

Bruce Carlson of the Waikiki Aquarium said they tend to come closer to shore at night.

Balazs said his colleague, John Naughton of NOAA Fisheries, did research on shark habits and found that when there's a lot of fresh water and debris running into the ocean following big downpours on the islands, there seem to be more tiger sharks around.

ALAN GRAVES 536-5369

Gilbert HATA

1946-1958

(1952 mid)

UNIVERSITY OF HAWAII • MAUI COMMUNITY COLLEGE

April 13, 1983

George Balazs
Hawaii Institute of Marine Biology
Coconut Island
Kaneohe, HI 96744

Dear George,

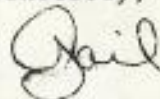
I read the current article in Honolulu Magazine related to sharks to which you contributed, and felt information I have might be helpful. I indexed the Maui News from 1900-1932, while on sabbatical a few years ago. I've located possible shark attacks listed amongst the total of eight shark entries on file. The entries are to be read as - Date Page: Column.

- shark bites off arm of Jap fisherman at Kalepolepo
10/12/07 2:2
- devour Ah Kim in opihi picking
acci 4/17/09 1:3
- eat Tamura in fishing acci
10/17/14 1:2
- half ton shark caught off
Kihei 2/8/18 1:2
- 1600 pounder caught off McGregor landing
5/26/26 1:5
- suspected at fault in disappearance
of Mrs. Hoewaa of Hawaii
at Hana 5/12/28 8:4
- hunting descr 1/23/29 1:4
- bites sailor off Lah 2/17/32 1:6

If there is other information you would like from the Index, please let me know. It should be out in published form this fall.

Regards from the Bartholomews!

Sincerely,



Gail Bartholomew

AN EQUAL OPPORTUNITY EMPLOYER

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Home →
572-9979

4-29-83
from Vic Lipman:

ALAN Graves

536-5369

Man. Rep:
mens clothing:

TED HATA

WAIUKU MAUI

younger brother
GILBERT HATA

VINEYARD ST. IN WAIUKU

CLOTHES BUSINESS

FISHED ON ROCKS (NEAR
BELOW CLIFFS (WAIUKU))

WAVE SWIFT OFF -

FISHED WITH HOOKS -
CAUGHT LARGE SHARK
GILBERT WAS

1946-1958

mid-ten (~1952)

MRS. HATA TOOK ^{OVER} BUSINESS

" " "
GILBERT'S = 244-4017
VINEYARD BLVD
on

Mrs. Gilbert Hata

21 Sept 1954

page 19
H S-B

10-foot shark is
Victim of 4
Kaneohe Marines

Shark bite
Blamed on Litterer
Adver.

Robert McCabe

Floyd



B I S H O P M U S E U M

P.O. BOX 19000-A • HONOLULU, HAWAII 96819 • 808 847-3511

March 25, 1981

Leighton:

Just tried calling you about your letter of March 8, but learned you'd be out for a week.

I don't know what the origin of the white shark mount was. It was in the Museum's "attic", battered and dust-covered without any label, when it was passed on to the Waikiki Aquarium. I asked Eddie Bryan if he could remember anything about it and he said he could not. I asked him if he knew of any records of white sharks from Hawaii. He professed not to know much about the fishes the Museum has, in general, but let me have a large box of all the clippings, etc. he's kept on fishes over the years. Arnold just went through these and found nothing on white sharks. I asked Anita Manning, our registrar, if she had any information on that mount, and she knew nothing about it and could find nothing in the records. She did not check on the records of our plaster casts. She asked me if the mount had original skin and teeth on it. I said I did not think so. You might call her if you believe it might be regarded as a plaster cast and she'll check these records.

In 1966 or so I was involved in the shark extermination program off Mauna Kea Hotel insofar as I handled the \$25,000 that Lawrence Rockefeller gave the Oceanic Institute for the shark fishing. I never got in on any of the fishing in Kona. We definitely did land one great white of about 12-13 feet, as I recall. I remember Georges Gilbert describing the way it fought on the line and how different it was from the tigers and other species. Vic Fauganan saw a set of jaws Alike Cooper had from this shark and said they were definitely the great white.

I asked Vic if he knew of any landing of great whites in Hawaii other than this. He said once at the Hickam Pier in Pearl Harbor some guys told him about a "maneater" that had been landed about 15 years before (this was about 1966 when Vic spoke with them. He presumed they meant great white, but on checking through newspaper files he came upon an article about a "maneater" landed at Pearl Harbor at about the correct time, but the photo was a tiger. However Vic said he saw jaws of a great white in the office of the guy who runs (or ran) the glass bottom boat at that pier in Kaneohe (also fuel dock, tackle store). He could not remember the guy's name and he doesn't know if the jaws were from Hawaii or not. But you might check on this.

Vic, by the way, asked if he could snip a small piece of skin from some of our shark specimens, including megamouth, to take close-up photos of denticles. I said O.K. (in the case of megamouth I said to take the skin from where the tail fell off). I said he should check with you on this before he wrote anything on this (for a revised edition for his Shark-O-Pedia). I told him I'd let you know he was doing this and that I did not think you would object.

Our Liopropoma color plates are being printed now and will be shipped directly to Araga for the Publ. Seto Mar. Biol. Lab. We simply must wrap up this MS and submit it.

P.S. John Earle, Arnold Suzumoto, and I are going to Fanning for a week beginning April 1.

Aloha,


John E. Randall

Coast-to-coast hoolaulea

In June we told about the second annual lei day celebration that former Hawaii residents organized in New York's Central Park. Hawaiian-theme hoolaulea apparently are gaining popularity from coast to coast. Former local boy Steven Hirohama files this report on the "1983 L.A. Hoolaulea," a two-day event held in July at Alondra Park in Los Angeles:

As the long line of young teen-age girls patiently waited their turn to purchase a "California Hawaiians" T-shirt, a well-tanned Polynesian walked past them sporting a T-shirt with large red letters emblazoned across the back: "No, I'm Not An Illegal. I'm Hawaiian."

There were several booths selling T-shirts, potted plumeria and pikake plants, as well as "No Ka Oi" license plate holders and Hawaiian bumper stickers. However, it wasn't the souvenir booths or the Hawaiian entertainment that seemed to draw the former local residents. Instead, they came for the abundance of local food, such as Korean-style barbecue ribs, rice, kim chee, macaroni salad, lau lau, kalua pig, manapua, andagi (Okinawan doughnuts) and, of course, shave ice.



"Legal" Hawaiians and Hawaiians-at-heart gather in Los Angeles.

Steven Hirohama

"I got up at 4 a.m. to drive down six hours from Mountain View (near San Francisco) this morning just to be here," claimed Andy Matayoshi, a former Kailuan who now makes computer chips in the Silicon Valley. "It's my day off," he explained. "I'll go back tomorrow. Better eat all this good food, 'cause when I get back to Mountain View, no can eat local food like this!"

Hawaiian music filled the hot, breezeless days; colorful dancers performed hula and Tahitian dances; the relaxed audience frequently reached for soft drinks and beer from oversized coolers in order to take the edge off

the heat.

"How many of you are of Polynesian descent?" asked an emcee at one point in the program. Hands shot up throughout the crowd. "I have a warrant for your arrest," the emcee commanded, to the audience's delight. "So that's why they get the sheriff's booth here," someone in the crowd shouted. (Actually, the Sheriff's Department was there recruiting possible applicants.)

It certainly wasn't Ala Moana Beach Park, but all those pitched awnings filled with hundreds of local folks enjoying local food made it seem like old times back home.

Oct '83
Honolulu

P106

Jaws IV—the first shark attack?

Several months ago we reported that the first shark attack ever recorded in Hawaii occurred off Lahaina in 1828. Since then we've learned that another attack took place some 50 years earlier. The place was Maluu, an old surfing spot on the Big Island, and according to Samuel Kamakau, 19th-century historian and author of *Ruling Chiefs of Hawaii*, the time was shortly after the death of Capt. Cook. (Cook was killed in 1779.)

The victim was a young surfer by the name of Nu'u-anu-pa'ahu, and Kamakau recounts the dramatic story this way: "When he saw that the shark was pursuing him, he steered his board for the crest of the wave. The shark saw him on the crest and pursued him there. Nu'u-anu-pa'ahu fled with the speed of an arrow. The shark passed under and turned to slash; Nu'u-anu-pa'ahu struck out with his fists and hit it in the eye. The shark dived downward; Nu'u-anu-pa'ahu turned toward a low surf, and as he rode it the shark passed under him. Again it turned to bite; he sped on and the shark missed. He struck at the shark's gills, his hand found its way in, and he grasped the gills and jerked them out of its head. The shark, wounded, left

him. Just as he was about to land, another shark that lurked near a stone appeared with open mouth. Nu'u-anu-pa'ahu struck out at it with his fists, hitting it back of the jaw. The shark turned and gashed him on one side of his buttocks. Then at last Nu'u-anu-pa'ahu reached shore. Chiefs and commoners shouted applause for his strength and congratulated him upon his escape from death."

Later that day kahunas who had

heard about the attack offered prayers. "Let these sharks die in a day," they prayed, "land on shore, be eaten by hogs and dogs, and their flesh stink in the sun."

Still, neither the kahunas' efforts nor the victim's valor could prevent Hawaii's first recorded shark attack from ending tragically. "Nu'u-anu-pa'ahu lay suffering great pain," wrote Kamakau, "until he died at Pololu, and there he was buried."



Boeth Upchurch

Cruising down Halloween Lane

Traveling the back roads in the old plantation town of Ewa, you may run across this spooky sign at the intersection of Haakei Street and Spooky Road. Then again, maybe you

won't see the sign, because most maps, including *Bryan's Sectional Maps of Oahu*, call it Renton Road. At first, officials from Oahu Sugar Company, which runs the plantation, said they had never heard of Spooky Road. (We didn't knock on the door of the nearest house because apparently no one was home when this photo was taken.)

After we inquired about the sign, Masao "Cranky" Watanabe, a consultant to Oahu Sugar, sent an employee to investigate the mystery. Watanabe reports it was just some pranksters who did "a real good job" of painting "Spooky" over "Renton."

Perhaps Oahu Sugar will wait till after October 31 to repaint the sign.

HONOLULU OCTOBER 1983

Jaws III



Last month we asked those readers who had information about shark attacks in Hawaii—other than the ones listed on pages 61 and 62 of our April issue—to let us know about them. The response has been gratifying; numerous

Olympic scam

The University of Hawaii Women's Athletics Department has received phone calls concerning a man who has been illegally soliciting funds to send UH volleyball star **Deitre Collins** to the Olympics. The UH Office of Intercollegiate Athletics strongly states that neither the university nor Deitre is in any way authorizing or sponsoring such a solicitation. "It is being done under false pretenses and is totally illegal," the office warns. "Anyone approached by this man should notify the police."

Any such contribution, therefore, can be considered a net loss.

people have written or phoned in to inform us of previously unreported attacks. A typical example is a letter we received from **Lauren Hogan** of Haiku, Maui.

"On June 13, 1982," she wrote, "Scott Shoemaker of California was windsurfing at Hookipa Beach Park, East Maui. Scott was about 100 yards beyond the waves when he fell off his board into the water. He felt two nudges, and then a shark grabbed onto his left thigh, inflicting a deep wound and severing the muscle. Scott pushed the shark away and luckily it let go.

"Scott then had to water-start his board and sail to shore. 'Water-starting' means he was sailing a sinker (a small board that sinks if you stand on it with no wind) and had to get

back into the water, position his sail and board until the wind caught his sail and lifted him back onto his board. No easy task with a shark wound!

"Scott made it back to shore and was taken to Maui Memorial Hospital where a team of doctors patched his leg and muscle with 120 stitches.

"At first Scott thought he had hit the shark when he fell, and maybe that had made the shark attack; but later he decided that he had not hit it at all.

"Perhaps this attack was so hushed up because Hookipa is the site of windsurfing contests and a 'shark scare' was to be avoided. Everyone knows there are lots of sharks on this coastline, but this was the first time one attacked a windsurfer. A lot of us stayed out of the water for a few days, but then it was back to normal up and down the coast."

Once again, to any readers who know of attacks, our shark lines are still open...

From: HONOLULU
Magazine
June 1983

es To Today

To Determine Contest In Competition

KNOWING about anything... contest in competition... the contest today...

Personal Mention

Mrs. Robert Thurston of Honolulu and her little son are visiting on Maui. They arrived at Lahaina on the night of May 8 aboard the R. H. Halekaha.

Ken Hollinger was a business visitor to Maui early this week. He came from Honolulu Tuesday night on the Halekaha and is making his headquarters at the Grand Hotel.

D. C. Lindsay, manager of the Haiku Pineapple Company, returned from a business trip to Honolulu last Tuesday night on the Halekaha.

Worth G. Alken was among the passengers leaving the Halekaha at Lahaina Tuesday night.

Y. H. Char, local contractor, came back from a business trip to Honolulu Tuesday on the Halekaha. He went to the capital city in connection with the bids for the construction of the new Paie-Haiku macadam highway.

W. F. Poole, who had remained over on Molokai after the rest of the Chamber of Commerce party had returned, was a homcomer on the Mauna Kea yesterday morning. The first two days of his visit he was a guest in the George P. Cooke home and thereafter of H. R. Hitchcock.

Mr. and Mrs. L. E. Arnold, Jr. and child were arrivals yesterday morning from Molokai where Mr. Arnold is superintendent of the Liberty pineapple interests.

W. H. "Pop" Patton, returned from Molokai on the Mauna Kea yesterday morning. He went over on the Chamber of Commerce excursion but remained to give some time to the various Boy Scout troops on that island.

Attorney James L. Cooke, former chief justice of the Supreme Court, was a business visitor to Maui in the early part of the week.

R. M. Yates, representative of the Fuller Brush Company is Hawaii, arrived on Maui Friday morning for one of his regular business visits.

Rev. E. E. Pleasant is back on Maui after a short business visit to Molokai in connection with his duties as moderator of the church on that island.

Ralph Wilson returned to Maui Friday on the Mauna Kea after a visit to Honolulu and Hawaii.

C. E. B. Burns, manager of the Pioneer Mill Company, was a business visitor to Honolulu in the early part of the week.

H. K. Fernandes, Honolulu showman, was among the arrivals on the Mauna Kea Friday morning. He came up to make certain arrangements in connection with the Eleventh Maui County Fair.

County Will Rent Pieces Machinery For Molokai Work

The date is not far distant when the territory will build a new approach to the Kaanaka Wharf on Molokai. That much was very evident last Wednesday morning when the Maui county supervisors received a communication from the American Sugar Company of Molokai asking for figures on the use of the county steam roller, rock crusher and asphalt heating machinery.

In the letter to the board the sugar company stated it would probably bid on the job and wanted to know how much the use of the machinery would cost.

There was considerable discussion back and forth on what would be a just charge. The sugar concern promised to return the equipment in good shape and it will use its own engine on the rock crusher for the county power driver is a mighty uncertain one right now. Finally it was agreed to let the three pieces of equipment for \$30 per day with the understanding the engineer in charge of the roller should be employed by the sugar company if it is the lowest bidder on the job. It was also stated that any other responsible concern can have the equipment at the same price.

Supervisors Want More Speed On New Public Golf Links

The new municipal golf links at Waieka come in for much attention at the session of the supervisors last Thursday afternoon and every one was anxious to see the work speeded up. County Engineer Paul Low asked what the board wanted to do about the cottage for the caretaker. He said a two-room cottage would cost more than the board allowed and it was finally decided to let the cottage off for another month and devote all effort to fixing up the water supply and getting the greens and tees in shape.

Chairman Sam Kahuna said Eddie Armstrong is making good headway with his work but right now the important question was the repairing and fixing of the road into the golf course so the county truck could haul material to the course. The board authorized the chairman to go ahead with the road and get the necessary materials in the course.

One Person, One Name Is Ruling

One at a time, please! In their rush and scramble to secure the prize for suggesting the best name for the new theater being erected by Maui Amusement Company on Market street, some of the writers of letters are sending several suggested names and some quite long lists from which the management can choose. That is not what is intended at all, Manager Ledward of the Maui Amusement Company says.

"What we asked for was a name," said Ledward Thursday. "We did not ask for lists of names and it was not contemplated by us that persons would send them in and consider it fair that they should do so. We shall confine a person to one suggested name at a time and throw out those who do not comply with that requirement. That does not mean that names cannot be submitted by several members of a family. Suggestions can be made in the name of Dad and Mom, big brother, little sister, uncle, aunt, grandpa and grandma, if desired but one name is to be suggested at a time."

Ledward says there is much interest being shown in the naming of the theater and advises those who have sent in a list containing several names to select from that list the one name they think best and mail that one to him as their former suggestions, where several names are given, are thrown out.

Lunas and Maui High Will Mix In Baseball

This afternoon at three o'clock an auspicious start will be made by Maui's two high schools in a department of sports that has hitherto been somewhat neglected. It is baseball and both institutions, Maui High and Lahainaluna are trying out some mighty fine talent for the affair.

In looking over the list of players one is impressed with the personnel of both teams. Lahainaluna has Oda, Kikredo, Yamamoto and Sakaki. All of them have figured in senior league baseball here and they are siffy diamond artists.

Maui High seems to have the edge with Takakura of the East Maui Japanese team, Maehara of the Kahului champions, Uyeeda, Sorayama and Takahama. This game may mean the start of an inter-school outfit that will one day take its place among the contenders for island honors, and fans who go to the fair grounds in Kahului this afternoon will see a real ball game and plenty of action plus the school color that gives athletic competition an added zest.

Mrs. Horimoto Leads In Race

Going from sixth to first place in one jump is a wide leap. Mrs. Tokiko Horimoto negotiated this trip and leads today in Maui News Subscription campaign, having voted 415,000 votes to bridge the gap. Miss Miriam Crabbe moves from eighth to second place, while Miss Asporia and Miss Rogo are tied in third place. Miss Mary M. Robinson is still anchored in sixth place. Miss Eva Easonette and Miss Kathryn Skim also register vote gains, but do not move up the line in the ranking.

Table with 2 columns: Name and Votes. Includes Mrs. Tokiko Horimoto (1,108,000), Miss Miriam Crabbe (1,087,000), Miss Asporia O. Asporia (1,081,000), Miss Freer Rogo (1,082,000), Miss Mary M. Robinson (1,087,000), Miss Grace Bailey (1,082,000), Miss Mary Kalamara (1,082,000), Mrs. Eva M. Robinson (1,077,000), Mr. Marion Campbell (732,000), Miss Eva Easonette (617,000), Mr. Stanley Mamamoto (582,000), Miss Kathryn Skim (532,000).

Hana Fishing Party Turns Into Tragedy

A fishing party that started out from Hana Wednesday morning turned into a tragedy. Three women had come down to the shore to gather oysters at a place where a 50 foot cliff juts out into the ocean and the surf is high. While searching among the rocks, one of the women, a Mrs. Hoeyama from Hawaii, wandered off in the opposite direction from her two friends.

When time came to return home, Mrs. Hoeyama could not be found. Police were called, but the only trace they could find of her were the street clothes she had discarded when changing into her beach outfit. Sheriff Crowell was notified and ordered the search continued, but without results. The waters in this district are infested with sharks, and it is feared that the woman slipped, lost her balance, and fell into the ocean where she became their prey.

BANQUET PLACES

Those desiring places at the banquet for Admiral Wiley and the Flag officers of the fleet who have not made applications will have to do so this morning to secure accommodations. They should telephone G. D. Luffkin, chairman of the banquet committee, Waieka 62 before noon. Reservations for non-members as well as members of the Chamber of Commerce may be made.

MEETING NOTICE

The monthly meeting of the Industrial Accident Board for the County of Maui will be held in the office of the Board, Wadsworth Building, High and Wells Streets, Waieka, Wednesday, May 16, 1928 at 1:30 p. m. All persons having business with the Board are asked to be present.

F. S. WADSWORTH, Secretary.

BAD STRETCH FIXED

The stretch of unpaved road from Makawao corners to the top of the hill has finally been fixed and last Thursday afternoon District Overseer Parrado and his Makawao workmen completed the job.

MEETING IN JUNE

The special and the regular meetings of the board of supervisors for the month of June follow in rapid succession. The special meeting occurs on June 3 and the regular meeting convenes the following Wednesday, June 6.

Coming Events

- May 12 - Fruit Committee of Eleventh Maui Fair will meet at Agency Building, Fair Grounds, at 2 o'clock.
May 12 - Baseball at fair grounds, Kahului, Maui High versus Lahainaluna at three p. m.
May 12 - Baseball at Fair Grounds Kahului at 1:30 P. M. East Maui vs. Canco; Amable vs. Canco.
May 12 - Maunapoua Dance for Kahului school at school house.
May 12 - Girl Scout Day: morning program by Brownies at Fair Grounds; afternoon program, a health display by scouts, at Kahului Theater.
May 12 - Benefit Lulu and Dance by the Hamakapoko Sunday School at the Pala Pavilion 8 p. m.
May 12 - Important meeting of members of fruit committee for Eleventh Maui County Fair at fair grounds at 2 p. m.
May 12 - Baseball at Pala, Canco versus East Maui Japanese at 3:30.
May 12 - Baseball Maui High School versus Lahainaluna at fair grounds, Kahului at 3 p. m.
May 12 - Finals Maui News Flying Contest at Lahaina.
May 12 - Baseball at fair grounds in Kahului. First game 1:30 Canco versus East Maui; Second game Canco versus J.A.C. Waieka.
May 12 - U. S. Fleet arrives off Lahaina.
May 12 - Meeting of Home Economics department of Woman's Club at home of Mrs. W. Phillips, Kula; 8 p. m.
May 12 - Dinner, reception and dance for Fleet Flag Officers at Grand Hotel at 7:30.
May 12 - Volleyball Alexander House vs. Camps West and Central Maui versus Halekaha.
May 12 - Meeting of Maui Industrial Accident Board in office of Board, Wadsworth Building, Waieka, 1:30.
May 12 - Court of House for East Maui and Central Maui Districts, Kahului Community House at 8 p. m.
May 12 - Benefit bridge party at Pala Community House under auspices of 101 no. hole, 1:30 p. m.; tickets \$1.00.
May 12 - Dance at the Pala Pavilion given by the Altar Society, Show orchestra.
May 12 - Production of light opera Maile by children of Waieka School at Town Hall, Waieka at 8 p. m.
May 12-13 - Scoutmasters' Outing at Makoa, Maui Council, U.S.A.
May 12 - Meeting of Members Maui Chamber of Commerce at Territorial Building 5 o'clock.
May 25 - Maui Players to present "Seven Chances" at the Kahului Theater.
May 26 - Annual Scout Meet, Kahului Fair Grounds, 1:30 p. m.
May 26 - Maui Players to present "Seven Chances" at Pioneer Theater, Lahaina.
June 2 - Junior Traffic Officers' Picnic.
June 6 - Meeting of Grand Jury at Circuit Court Building.
June 12 - Trial Jury convenes for session of second circuit court.

Classified Column

FOR SALE—Ford Coupe 1927, A-1 condition. See Klester, care Maui News.

FOR SALE—Two of the choicest lots on Sandhill. Lots 18 and 21, 9,000 and 14,500 sq. ft. Right on the highest spot where you can have an all-around view of Valley, Ocean and Mountains. Apply A. H. Rice & Co., Ltd., Phone 222, Waieka.

BUICK ROADSTER FOR SALE—1924 Master Six. Fine condition. Owner leaving, will sacrifice for \$250. Worth \$550. Write Box 191, Waieka.

FOR RENT—Cottage, phone 222-A, Waieka.

FOR SALE—House and lot, 3 bed rooms, Valley View, Waieka, beautiful location, always cool. Apply A. H. Rice & Co., Ltd., Phone 222, Waieka.

FOR SALE or RENT—High grade upright piano. Apply C. D. Luffkin, Bank of Maui, Waieka.

FOR SALE—Beach lots near Waieka, good view, cool, good climate, sanitary location. Apply George Taaka.

FOR LEASE—Two-story, six bedroom house in Makawao. For further particulars apply to A. F. Tavaras, Pala, Maui.

FOR SALE—Vacant lot, 125x63, Amer. Tract, Waieka. Apply A. H. Rice & Co., Ltd., Phone 222.

FOR SALE—Completely furnished 2 bedroom house at Oheo, 1 acre of land, fireplace, running water, etc. Phone 119-A, Pala, after 5 p. m.

FOR RENT—Cottage on Vinard street near Church street. Phone Waieka 100-B. (12)

FOR SALE—Eves Teuring car, 1923 model; good running condition. Write M. Wilkinson, Lahainaluna, Lahaina. (May 8-21.)

FOR SALE—Servo tube, Console Model, A. C. Dayton Radio Set. Excellent condition. See A. L. Moss or V. F. Richards at Palmater Electric Shop. (21)

WANTED—Filipino sugar plantation waste overseer of Portershoe property to supervise irrigation on 7500 acres. Applicants should state experience and salary desired. Address P. 1 care Maui News. (12)

FOR RENT—Furnished two bedroom house of High Street in Waieka to couple without children. Phone 190-A, Pala. (12)

LOST—A tire and rim, 35x3.0. Reward for return to Cooper, Camp 1 store.

See the F... For the accommodation of Meet to great U. S. Navy Fleet in comfort, the Charles Aki at Lahaina will be open... Reasonable rates. For tickets apply to the Judge Kanohi residence, Lahaina.

MAUI THEATRICAL Wailuku Hipp... Saturday, May 12th. Matinee at 2:30 P. M. "METROPOLIS" Produced by Eurypod's Master Marie Makers.

NOTICE TO STOCKHOLDERS MAUI LOAN & INVESTMENT CO., Ltd.

4/17/09 1:3

WAILUKU, MAUI, H. T., SATURDAY, APRIL 17, 1909

Jackson Wins Trespass Suit

Jury Finds In Favor Of Plaintiff.

A civil suit of considerable interest before the Circuit Court terminated Thursday morning and the plaintiff was given the land she claimed and Seven Hundred and fifty dollars damage.

The suit in question was one against the Wailuku Sugar Company for trespass and was closely fought out by Judge R. P. Quarles for the plaintiff and M. F. Prosser for the defendant company.

Attorney Prosser had left for Honolulu on Wednesday and Attorney D. H. Case appeared for the defendant and moved for a new trial on the ground of excessive damages and on the ground that the verdict was contrary to the law and the evidence.

Immediately after the verdict of the jury the Court thanked the jurymen for bringing in a verdict. He pointed out to the jury that in arriving at the amount of damages it was necessary for the jury to come to a compromise, and that it was their duty in such cases to do so. He said that none should agree to anything contrary to the dictates of his conscience, but that a miscarriage of justice is more frequently the result of a mistrial than the result of a compromise.

Thursday was taken up in an attempt to get a jury in the Onaopio case.

Judge Quarles represented the defendants in this case and moved for a separate trial for Ma Fong and Solomon Kenohia from the other two. He filed affidavits setting forth reasons for his motion which was denied by the Court.

Devoured By A Shark

A Woman Loses Life Near Pauwela.

Last Saturday, the 10th, Ah Kim, a young woman nineteen years of age, while gathering opihis along the rocky seashore at Pauwela was swept away by the waves and devoured by sharks. Such is the story as related by Pauwela people.

It seems that there were two women collecting opihis that afternoon, Ah Kim and a neighbor, but the latter being busily engaged lost sight of the former around a point of land and later supposed she had returned to her home.

On returning herself to the village she discovered that her recent companion was missing and a search was immediately instituted but no purpose. On Sunday morning another search was made and some of the party saw a large shark devour what appeared to be a portion of the body of the missing woman.

The police upon being notified investigated the matter but could find no trace of Ah Kim.

No coroner's jury being possible Deputy Sheriff Edgar Morton took the statements of various persons having knowledge of the sad affair.

Ah Kim was part Hawaiian and was the wife of Yum Ki Chong, a clerk in the Pauwela store of Akiona.

On Easter Sunday the morning service at the Makawao Union Church of Paia was largely attended, every seat of the auditorium being filled.

The church was profusely decorated with beautiful calla lilies and violets, and the music by the quartet. Mrs. Nicoll, Miss Mattison, Mr. Murdoch, and Mr. D. C. Lindsay, and by Mammaolu Seminary

Enterprising Legislators

Do Profitable Graft Business Under Assumed Names.

Honolulu, April 15.—Certain honorable members of the House of Representatives are alleged to be involved in a petty graft that casts discredit upon the whole body until they are singled out by name so as to clear the other members from the taint of suspicion. Under assumed names, it is alleged, they have been increasing their earnings by translating into Hawaiian bills introduced in the House in English.

This "graft," it is said, will be publicly exposed in the House by Representative Long unless some adjustment of the difficulty over the pay and perquisites of the stenographer is reached. At least, such is the startling threat that is being freely made in the lobby.

The number of useless and impracticable bills introduced in the Lower Chamber—bills that there was no possibility of passing, or of the Governor signing if they were passed—has for some time been a matter of comment among those who have kept track of House proceedings. No other reason for their being introduced being apparent, it was but charitable to attribute them to the foolishness or inexperience of certain of the House members. But it now appears, according to corridor conversation, that there may be ulterior motives behind the introduction of certain measures. The pay of a Legislator is only \$400—considerably less than that received by most of the clerks, the Sergeant-at-Arms, and other House officials. And so some of the honorable gentlemen, according to the member from the Fourth District, have been pad-

DOCTORS

Legislators Seem Turkish Battles Strombol

HONOLULU, April 15.—Sugar 96 deg. test 3.8 drawn and a substitute al Graft charges in the nothing doing.

The Portuguese cruise HONOLULU, April 15.—California will have the a Court of Hawaii.

CONTANTINOPLE, commander of a battleship is loyal to the young turki enpitol.

CHICAGO, April 16.—1877. Bread will be advan

WASHINGTON, April 15.—Congress today dealing with th a bill designed to aid the b

Stone in the Senate in for the Philippines and a g fifteen years.

PARIS, April 16.—Mo tion and the inhabitants in

ROME, April 16.—Six here on Sunday to witness

SAN FRANCISCO, April 15.—Louis Glass a new trial.

HONOLULU, April 15.—Iridation of the survey and la head with a salary of \$5,000

Governor Frear nomina W. Hyde, Rice, of Kanai, V Hawaii.

There is still graft talk tigate.

HONOLULU, April 15.—ed and confirmed as treasure

BALTIMORE April 15.—

Supervisors Want More Speed On New Public Golf Links

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One Person, One Name Is Ruling

One at a time, please! In their rush and scramble to secure the prize for suggesting the best name for the new theater being erected by Maui Amusement Company on Market street, some of the writers of letters are sending several suggested names and some quite long lists from which the management can choose. That is not what is intended at all. Manager Ledward of the Maui Amusement Company says:

"What we asked for was a name," said Ledward Thursday. "We did not ask for lists of names and it was not contemplated by us that persons would send them in and compete in that way. We do not consider it fair that they should so we shall confine a person to one suggested name at a time and throw out those who do not comply with that requirement. That does not mean that names cannot be submitted by several members of a family. Suggestions can be made in the name of Dad and Mom, big brother, little sister, uncle, aunt, grandpa and grand-ma, if desired but one name is to be suggested at a time."

Ledward says there is much interest being shown in the naming of the theater, and advises those who have sent in a list containing several names to select from that list the one name they think best and mail that one to him as their former suggestions, where several names are given, are thrown out.

Mrs. Horimoto Leads In Race

Going from ninth to first place in one jump is a wide leap. Mrs. Tokiyo Horimoto negotiated this trip, and leads today in Maui News Subscription campaign, having voted 415,000 votes to bridge the gap. Miss Miriam Crabbe moves from fourth to second place, while Miss Asperanza O. Aspurla and Miss Irene Rego are tied in third place. Miss Mary Mookini moves up from seventh rank to fourth, and Mrs. Eva M. Robinson is still anchored in sixth place. Miss Eva Enomoto and Miss Kathryn Shim also register vote gains, but do not move up the line in the ranking.

Walhee	
Mrs. Tokiyo Horimoto	1,162,000
Kula	
Miss Miriam Crabbe	1,097,000
Spreckelsville	
Miss Asperanza O. Aspurla	1,092,000
Waialuku	
Miss Irene Rego	1,092,000
Lahaina	
Miss Mary Mookini	1,067,000
Lahaina	
Miss Grace Bailey	1,082,000
Pala	
Miss Mary Kalaupa	1,082,000
Waialuku	
Mrs. Eva M. Robinson	1,077,000
Hana	
Mr. Marion Cabral	722,000
Kahului	
Miss Eva Enomoto	617,000
Waialuku	
Mr. Stanley Masumoto	582,000
Waialuku	
Miss Kathryn Shim	532,000

Hana Fishing Party Turns Into Tragedy

A fishing party that started out from Hana Wednesday morning turned into a tragedy. Three women had gone down to the shore to gather oysters at a place where a 50 foot cliff juts out into the ocean and the surf is high. While searching among the rocks, one of the women, a Mrs. Hoewaa from Hawaii, wandered off in the opposite direction from her two friends.

When time came to return home, Mrs. Hoewaa could not be found. Police were called, but the only trace they could find of her were the street clothes she had discarded when changing into her beach outfit. Sheriff Crowell was notified and ordered the search continued, but without results. The waters in this district are infested with sharks, and it is feared that the woman slipped, lost her balance, and fell into the ocean where she became their prey.

BANQUET PLACES

Those desiring places at the banquet for Admiral Wiley and the Flag officers of the fleet who have not made applications will have to do so this morning to secure accommodations. They should tele-

BAD STRETCH FIXED

The stretch of unpaved road from Makawao corners to the top of the hill has finally been fixed and last Thursday afternoon District Overseer Furtado and his Makawao workmen completed the job.

MEETING IN JUNE

The special and the regular meetings of the board of supervisors for the month of June follow in rapid succession. The special meeting occurs on June 2 and the regular meeting convenes the following Wednesday, June 6.

Coming Events

- May 12 — Fruit Committee of Eleventh Maui Fair will meet at Agronomy Building, Fair Grounds, at 2 o'clock.
- May 12 — Baseball at fair grounds, Kahului, Maui High versus Lahainaluna at three p. m.
- May 12 — Baseball at Fair Grounds Kahului at 1:30 P. M. — East Maui vs Canco; Asahis vs Canco.
- May 12 — Masquerade Dance for Halehaku School at school house.
- May 12 — Girl Scout Day: morning program by Brownies at Fair Grounds; afternoon program, a health masque by scouts, at Kahului Theater.
- May 12 — Benefit Lulu and Dance by the Hamakuaoko Sunday School at the Pala Pavilion 8 p. m.
- May 12 — Important meeting of members of fruit committee for Eleventh Maui County Fair at fair grounds at 2 p. m.
- May 12 — Baseball at Pala, Canco versus East Maui Japanese at 3:30.
- May 12 — Baseball Maui High School versus Lahainaluna at fair grounds, Kahului at 3 p. m.
- May 12 — Finals Maui News Flying Contest at Lahaina.
- May 12 — Baseball at fair grounds in Kahului. First game 1:30 Canco versus East Maui; Second game Canco versus J.A.C. Waialuku.
- May 14 — U. S. Fleet arrives off Lahaina.
- May 14 — Meeting of Home Economics department of Woman's Club at home of Mrs. W. Phillips, Keahua; p. m.
- May 15 — Dinner, reception and dance for Fleet Flag Officers at Grand Hotel at 7:30.
- May 15 — Volleyball Alexander House Gym. Champs West and Central Maui versus Haleakala Ranch for championship island.
- May 15 — Meeting of Maui Industrial Accident Board in office of Board, Wadsworth Building, Waialuku, 1:30.
- May 17 — Court of Honor for East Maui and Central Maui Districts, Kahului Community House at 8 p. m.
- May 18 — Benefit bridge party at Pala Community House under auspices of Hui na helu, 2:30 p. m.; tickets \$1.00.
- May 19 — Dance at the Pala Pavilion given by the Alter Society. Enos orchestra.
- May 19 — Production of light opera Malle by children of Waialuku School at Town Hall, Waialuku at

Classified Column

- FOR SALE—Ford Coupe 1918 condition. See Kieater, Maui News.
- FOR SALE—Two of the best lots on Sandhills. Lots 17, 9,000 and 14,500 sq. ft. on the highest spot where can have an all-around view Valley, Ocean and Mou. Apply A. H. Rice & Co. Phone 322, Waialuku.
- BUICK ROADSTER FOR SALE 1924 Master Six. Fine condition. Owner leaving, will sacrifice \$350. Worth \$550. Write 191, Waialuku.
- FOR RENT—Cottage, phone Waialuku.
- FOR SALE—House and lot, 4 rooms, Valley View, W. beautiful location, always Apply A. H. Rice & Co. Phone 322 Waialuku.
- FOR SALE or RENT—High upright piano. Apply C. I. Kin, Bank of Maui, Waialuku.
- FOR SALE—Beach lots near luku, good view, cool, good site, sanitary location. George Tanaka.
- FOR LEASE—Two-story, 8 room house in Makawao further particulars apply to Tavares, Pala, Maui.
- FOR SALE—Vacant lot, Amori Tract, Waialuku. A. H. Rice & Co., Ltd., Phone 322.
- FOR SALE—Completely furnished 2 bedroom house at Olu. acre of land, fireplace, runner, etc. Phone 119-A, Pala 5 p.m.
- FOR RENT—Cottage on V street near Church street, Waialuku 100-B.
- FOR SALE—Essex, Touring 1923 model; good running condition. Write M. Wilkins, Lahainaluna, Lahaina. (May 8-31.)
- FOR SALE—Seven tube, Model A. C. Dayton Rad. Excellent condition. See Moss or V. P. Richards at tier Electric Shop.
- WANTED—Filipino sugar tinner wants overseer of guava ancestry to supervision on 7000 acres. Applicant should state experience necessary desired. Address P. Maui News.
- FOR RENT—Furnished 2 room house off High St. Waialuku to couple without rent. Phone 100-A, Pala. (11.)
- LOST—A tire and rim, Reward for return to Camp 1 store.

ention

tion of Honon are visiting ved at Lahai May 8 aboard as a business this week. He Tuesday night is making his Grand Hotel. manager of the company, return- trip to Hono- light on the Ha- was among the the Haleakala night. al contractor, business trip to on the Halea- trip to Hono- the bids for the new Pain-Haiku had remained ter the rest of ommerce party homecomer on erday morning. of his visit he e George P. hereafter of H. E. Arnold, Jr. ivalis yesterday al where Mr. ndent of the erests. ition, returned he Mauna Kea He went over Commerce ex- d to give some s Boy Scout nd. . Coke, former Supreme Court. itor to Maui in e week. resentative of the any in Hawaii, Friday morning ular business ant is back on business visit to ction with his e of the church. rned to Maui na Kea after a d Hawaii. manager of the ay, was a busi- nolulu in the eek. Honolulu show- arrivals on the morning. Eddie certain arrange- tion with the ty Fair.

Rent Machinery okai Work

ar distant when ould a new ap- akaskal Wharf

Lunas and Maui High Will Mix In Baseball

UNIVERSITY OF HAWAII • MAUI COMMUNITY COLLEGE

April 13, 1983

George Balazs
Hawaii Institute of Marine Biology
Coconut Island
Kaneohe, HI 96744

Dear George,

1933- ?
I read the current article in Honolulu Magazine related to sharks to which you contributed, and felt information I have might be helpful. I indexed the Maui News from 1900-1932, while on sabbatical a few years ago. I've located possible shark attacks listed amongst the total of eight shark entries on file. The entries are to be read as - Date Page: Column.

have X
- shark bites off arm of Jap have
fisherman at Kalepolepo
10/12/07 2:2

- devour Ah Kim in opihi picking occurred 4/10/09, SATURDAY ✓
acci 4/17/09 1:3

- eat Tamura in fishing acci have Apparently not valid, but
10/17/14 1:2 worthy of mention

- half ton shark caught off have
Kihei 2/8/18 1:2

- 1600 pounder caught off McGregor landing have
5/26/26 1:5

have X
- suspected at fault in disappearance NOT VALID, BUT WORTHY
of Mrs. Hoewaa of Hawaii OF MENTIONING
at Hana 5/12/28 8:4

- hunting descr 1/23/29 1:4 have

- bites sailor off Lah 2/17/32 1:6 have

If there is other information you would like from the Index, please let me know. It should be out in published form this fall.

Regards from the Bartholomews!

Sincerely,

Gail

Gail Bartholomew

Ex-UH lab chief the nightmare of

"I clearly and distinctly remember the shark swallowing my forearm," said Mike Degruy, who was attacked during a 1978 dive in Micronesia.

Degruy, former manager of the University of Hawaii marine research lab on Enewetak, remembers watching as the shark clamped down on his right arm, bit midway through his bicep, then slid its jaws down to his forearm and started shaking him. Then the shark jerked the top off Degruy's forearm and swallowed it.

Degruy lived through something that other divers, swimmers and surfers don't want to think about — the possibility of being ripped apart by a shark. It's a fear that even experienced divers, such as Roger Nakasu, say is "part of the job."

Although there have been only 56 documented shark attacks in Hawaii since 1886 — 21 of them fatal — fear of sharks is widespread. The stories of people such as William J. Goins, whose remains were recovered from the body of a 12.5-foot great white shark in 1926, have become part of island lore.

and sick animals and keeping the ocean ecologically balanced. Leighton Taylor, recognized as an international authority on sharks, said, "We are cursed with a one-dimensional view of sharks that they are out to bite our asses. They could be of help to us."

He said that Hawaiians "realized they were dangerous but understood that they were good for the reef community." Many Hawaiian families adopted the shark as their *aumakua* or guardian and left offerings to particular sharks, which would then protect members of the family when they went fishing.

Sharks and shark gods were — and in some cases still are — so highly regarded that Skip Neftel said that during the 1976 shark abatement program he got letters from people warning him against offending the shark gods.

survived the sea



from the sea

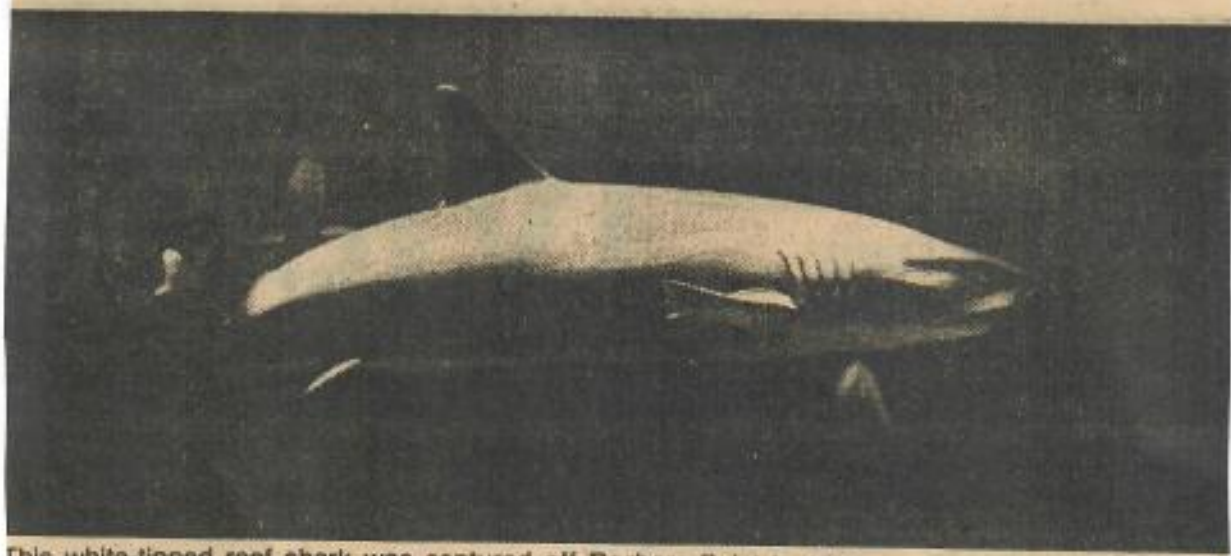
mike markrich

Because of the high cost of shark control programs (\$200 per shark in 1971), the state has no plans for future shark eradication but will respond to emergencies such as the one at Barbers Point last year.

Some people who fish think one way to control the shark population might be to redevelop the commercial fishery for sharks in Hawaii.

But what some scientists and people who fish object to is the killing of sharks just for the sake of killing them.

Roger Nakasu said: "I believe in live and let live. Lots of people get excited when they see a shark, but the sharks are there all the time."



This white-tipped reef shark was captured off Barbers Point in 1973.

Surfers have been mauled and sometimes killed by sharks. Last year, the beaches at Barber's Point Naval Air Station were closed after three people were injured in shark attacks.

The state has implemented seven shark eradication programs since 1958, when 15-year-old surfer Billy Weaver was killed by a tiger shark off Lanikai Beach.

The eradication programs have caught many sharks, but scientists and people who fish disagree on the long-term effect of shark eradication.

National Marine Fisheries biologist John Naughton was diving off Mokumanu Island when Weaver was attacked and still remembers his parents' concern that he could have been the one hurt. Naughton has done extensive research on sharks, working as a graduate student on Dr. Albert Tester's shark research and control program from 1967 to 1969 which caught more than 1,727 sharks.

"We found that there is a possibility that you can do more damage by fishing out sharks than by not doing this. After about a year (of the program), we started getting complaints from akule and opelu fishermen that more sharks were damaging their gear. We were culling out the natural predators of the smaller sharks and they were increasing in number," Naughton said.

Sharks, like wolves, are credited with preying on weak

There is a widespread belief among scientists and people who fish that most sharks are man-eaters and attack only in self-defense. There are dangerous wide-ranging pelagic sharks — such as the great white shark — that have been known in extremely rare cases to attack small fishing vessels, but most sharks, as diver Nakasu says, "don't normally bother scuba divers."

Degrug said that his attack could have been avoided. He saw the gray shark was posturing so its back was arched into an s-shaped curve with its pectoral fins forward and was swimming in strange wobbling up-and-down motion. "If you see this position, more often than not the shark will attack," he said.

But Degrug also saw that the shark had deep tooth scars on its underside and thought the shark was so injured that he could take an underwater photo with a strobe light and not get hurt. He was wrong. But the shark did not attack him or his partner when — with Degrug hurt and bleeding — they left the area.

This is one example of why many scientists think some sharks are territorial and why they are considered easy to fish out.

Many scientists and divers think the shark's instinct to protect its territory has been the cause of most of the attacks. They think that the increasing numbers of people using the water have encroached on their food supply. The greatest number of shark attacks have been recorded off Oahu. None has been recorded off Lanai or Niihau.

A rose by any other name



BUT MADAME, I AM
YOUR FIRM'S
SOLICITOR...

OUT!!

rough

A woman walked up to our front desk and thrust a rose under our receptionist's nose. She then began a flower-selling pitch.

"We don't allow soliciting," our receptionist interrupted.

"I'm not soliciting—I'm peddling!" the woman replied.

A good year for golf

When **Kathy Whitworth** sank a 30-foot putt on the 18th hole to win the Women's Kemper Open on Maui in March, she became the second golfer this year to win a major tournament in Hawaii with a dramatic final shot on national TV. Just five weeks earlier **Isao Aoki** had become the first Japanese player ever to win a PGA tournament with his now-famous 128-yard eagle in the Hawaiian Open at Waialae. Whitworth's birdie putt was worth \$10,400. As Kemper Open winner she earned \$30,000; second-place finisher **Dale Eggeling** earned \$19,600.

Aside from Whitworth, another winner at the Kemper was the island of Maui, which, when it counted, put its best climatic foot forward. The tournament's first two days, which were not televised, were unusually cool, with rain squalls and gusty winds that played havoc with the golfers' scores. "The wind is a factor here," said **Barb Bunkowsky**, a young pro from Ontario, Canada, playing in only her sixth LPGA tournament. "At home the wind does not blow like this. It's tough even to keep your balance over your putts." But by the weekend, the weather had changed. The wind had died down, the clouds had cleared, the temperature was in the 80s, and a Mainland TV audience was treated to two days of fine views of the **Robert Trent Jones Sr.**-designed Royal Kaanapali North Course, complete with Maui sunshine.

"It's beautiful here," said sixth-year pro **Judy Clark** from Jupiter, Florida, who felt the only course on the LPGA tour that could compare scenically with the Royal Kaanapali was one in Denver, where the backdrop was not Lanai and Molokai, but the Rocky Mountains. The only drawback to playing golf on Maui, said Clark, was "a tendency to want to go to the beach."

A particular gallery favorite was local girl **Jeannette Kerr**. A graduate of Roosevelt High School, Kerr, 24, was easily distinguished during tournament play by her brightly colored skirts,



Hawaii's Kerr: \$3,195 for four days' work.

which she designs herself, and the flower in her hair. Now in her fourth year on the LPGA tour, Kerr tied with **Vicki Tabor** for "most tournaments played" played last year (31 out of a possible 34) and earned more than \$32,000.

This is the second year Maui has hosted the Kemper Open, and Kerr says the tournament is well liked by the golfers. "I think its reputation is good," she says. "The prize money [\$200,000] is really good, and anytime you get to go to Hawaii for a tournament, everyone likes it. But there are a few girls at the bottom of the money list who can't afford to come all the way out here. They know that the plane ticket and the hotel and the food are expensive. So some of them are upset that they can't come. They'd love to, but they just can't make it."

Interestingly, Kerr's main sport at Roosevelt was not golf but tennis; she was a state-ranked tennis player her sophomore and junior years before switching to golf. "I thought there was more for me in golf," she says. Her decision may not have been a bad one. At the Kemper, on a par-73 course, she shot a 74-75-74-72, tying for 14th place, and earning a cool \$3,195 for four days' work.

Just when you thought it was safe to go back in the water

Last month's HONOLULU contained a long (and somewhat grisly) list of all recorded shark attacks in Hawaii—61 to be exact.

Make that 62.

While pouring over an old history book recently, University of Hawaii marine biologist **George Balazs** (who, along with biological technician **Alan Kam**, had compiled the shark attack list) came across another attack.

This one took place off Lahaina in 1828—58 years before the earliest attack Balazs and Kam had previously documented. The attack was witnessed by a number of Hawaiian chiefs. The description was brief: "A man out riding surf at 'Uo was killed by a shark which bit off his limbs and left his body floating."

If anyone has ever heard of any shark attacks in Hawaii, other than the ones covered in the list appearing on pages 61 and 62 of our April issue, please let us know.

Just when you thought it was safe to go back to the discotheque

In case anyone doubts that the '60s are over, consider the change in the names of popular musical ensembles. The "love generation" grooved to the sounds of rock bands with such happy, wholesome handles as The Lovin' Spoonful, the Mamas and the Papas, The Righteous Brothers, Paul Revere and the Raiders, Spirit, and the Beach Boys. Food names were popular (Bread, Moby Grape, Electric Prunes, Cream, and Captain Beefheart) as were animal names (Turtles, Monkees, Beatles, Animals, and Three Dog Night).

Punk and New Wave music have brought new sounds not only to popular music but also to the titles of the combos themselves. One recent week, New York pulsed to the pounding rhythms of the following musical groups: Stranglers, Heart Attack, False Prophets, The Whore Lords, The Members, Sex in Miami, The Loners, Undead, Nig-Heist, No Thanks, Slow Leak, Urban Blight, The Mutants, Jailbait, Turncoats, The Dark, Major Conflict, Necros, Black Flag, Red Razor, Broken Bones, Uh-Oh, Talon, Insane Element, The Lie, The Pseudos, Dirty Looks, Squirm, and Reagan Youth.

HONOLULU

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By Alan Waldman

Con artists and smooth salespersons help unplug the wallets of hundreds of Hawaii residents each year. Here are more than 70 such setups along with a lot of good advice on how to avoid being taken.

58 THE MAUI MAGNETISM

By Pat Pitzer

The Valley Isle's top industry is rocketing along at a record pace, thanks in part to shrewd cooperative marketing of its considerable charms.

On the cover: Kaanapali seen from the air. Photographed by Bob Mohr.



Interview

43 MARY BITTERMAN

By Alan Waldman

The widely respected head of Hawaii's Department of Commerce and Consumer Affairs discusses utility rates, the plight of small business and what she's been doing to whip her bureaucracy into shape.



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Some gossip about rumors

Memo from Victor Lipman, Associate Editor

May 4, '83

George -

Just passing this along... I
guess you could contact the girl about
the date of the attack, which she has
evidently mistyped.

- Vic

P.S. Also, in case he has not yet reached you
or left a message, a man named John Bansey
also called me to report an attack off Maui in
the '40s... His phone number is 845-2255 ext. 60.

5-6-83 telephone interview;

John Bansey saw it - he
lived next to

Makawao

School Hospital
Maunaloa School

Army
22nd Hospital

JUNE
1942-44

Soldier shorts

and arms

in shark caught at Maunaloa

May 1, 1983

Brian Nicol, Editor
HONOLULU MAGAZINE
P.O. Box 80
Honolulu, HI 96810

Dear Mr. Nicol,

I have another shark attack for you that was not listed in the article that appeared several months ago in HONOLULU. This attack occurred at Hookipa Beach Park on Maui and was not reported in the newspapers or any other media at that time, as far as I know. The only article I have seen on the incident appeared in WINDSURF magazine, "Shark Defense" by Diane Schweitzer, November 1982 Issue.

82? - On June 13, 1982 Scott Shoemaker of Pacific Palisades, California, was windsurfing at Hookipa Beach Park, East Maui. Scott was about 100 yards beyond the waves when he fell off his board into the water. He felt two nudges then the shark grabbed onto his left thigh, inflicting a deep wound and severing the muscle. Scott pushed the shark away and luckily it let go.

Scott then had to water-start his board and sail to shore. Water-starting means he was sailing a sinker (small board that sinks if you stand on it with no wind) and had to get back into the water, position his sail and board until the wind caught his sail and lifted him back onto his board. No easy task obviously with a shark wound!

Scott made it back to shore in a matter of seconds and was taken to Maui Memorial Hospital where a team of doctors patched his leg and muscle with 120 stitches.

At first Scott thought he had hit the shark when he fell and maybe that made the shark attack but later decided that he had not hit it all.

Perhaps this attack was so hushed up because Hookipa is the site of windsurfing contests and a "shark scare" was to be avoided. Everyone knows that there are lots of sharks on this coastline but this is the first time one attacked a windsurfer. A lot of us stayed out of the water for a few days but then it was back to normal up and down the coast.

Hogan

Lauren Hogan
Haiku, Maui
159 W. Kuiaha Rd 96708
575-2315

Tel. her 5/4/82
husband - Vince Hogan

5/5/87 " " "
Shawn Neen
Diane's Daughter-in-law
669-5724

published in CA
Shawn remember the
case well.

Leighton George

Here are the copies you wanted,
except for:

Check against
GARL J.'s
List done

5/17/09	p1
5/12/25	p2
9/12/25	p2

5/12/28 8:4

These were not on these pages or
on nearby pages.

Have a good speech making.

Denise

I NEWS

... Hawaii, as second-class matter. ... the Interest of the People. Saturday.

Company, Limited. Publishers.

... on pertinent topics. Write only ... will be held confidential if desired.

... per Year, \$1.50 Six Months

Editor and Manager

OCT. 12, 1907

... last Sunday that it may ... It was the day of the opening ... of a good series of games. ... al players and the public is ... shown by the gate receipts in

... every prospect of a fine set of ... being the result players were ... me language indulged in and ... a row

... a player who may lose his ... could not but when those who ... deeds such as were indulged ... ever.

... knowledge a good play on the part ... for what he or one of his

... good sport and if he is a true ... day when made by a member ... ch a play is made by a mem-

... r favorite teams but they are ... of they see good playing than ... through errors of the oppos-

... is agreed to and enforced by ... sport on the grounds during ... to end long before the season

... ent that the Federal Govern- ... charge of the leper settlement ... unfortunates on the island of

... dvantage of the people segre- ... it is the purpose of the Gov- ... mping ground for all persons ... se in the Territory but those

Bites Off an Arm.

On Tuesday of this week a Japanese fisherman at Kalepolepo, on the sea side of this island, was attacked by a monster man eating shark and had his arm bitten off at the elbow.

It was about nine o'clock in the morning when the affair happened. The fisherman was looking down through a box with a glass bottom to see whether any fish were in his net and seeing that there were some he dived down to close the net and bring up the fish. No sooner had he gotten down than a large shark seized his arm at the shoulder and stripped the flesh off the arm to the elbow and twisted the arm off at the joint and went with the arm.

The wounded man bled freely and it is a wonder he did not bleed to death. He was brought to Wailuku and reached here about one o'clock the same day, and was taken at once to the Mahalani Hospital where his arm was amputated near the shoulder by Dr. R. H. Dinagar.

As the man is a native of the northern part of Japan and but few Japanese here are able to speak the dialect of that part of Japan it is impossible to get a full account of the affair.

The man is doing nicely and will recover although he had but little blood in his system at the time he was operated on.

Queer Doings Over in Koolau.

Growing out of the attack of young Henry Pabia on John Faya with a pair of handcuffs at Kaneohe last Tuesday, there may be an investigation of the actions of District Magistrate Aikoe. Henry Pabia is a son of Deputy Sheriff Frank Pabia. The other day while drunk he attacked without provocation John Faya, with a pair of heavy handcuffs, striking Faya over the head and body and inflicting serious wounds, so serious, in fact, that Faya may die and the charge against Pabia may be murder.

When news of the assault reached Honolulu the Attorney General immediately directed Deputy Sheriff Pabia to arrest his son. This the Deputy Sheriff refused to do. Thereupon Deputy Attorney General Whitney and Deputy High Sheriff George Sen went to Kaneohe last Tuesday and arrested the man them selves.

The arrest was made and Pabia

garding the government officials, and from his libel suit filed on Saturday against G. A. Somma, the barber, who made the statement that Wallach had stolen his leprosy receipt from him.

Wallach is now claiming to be able to cure bubonic plague and the hook worm disease which he says most doctors diagnose as consumption. This latter famous remedy, he volunteers to give free of charge to the Board of Health.

This morning Charley Notley, leader of the Home Rule party, who is trying to make Wallach and his demands a basis for a plank in his party's platform, called upon Governor Frear. The nature of his interview was not given out, but Notley stated before entering the Governor's presence that he was still backing up Wallach. "Why none would believe in the Savior when he was on earth, but they have come to it now. Why should they laugh at Wallach?"

When it was suggested that he did not mean to place the female rock doctor on a plane with Christ, he shrugged his shoulders and was non-committal, saying quien sabe, or words to that effect.

Philippines may be a Territory.

The Manila Cablenews has the following special:

WASHINGTON, September 2.—Confirming my cablegram to the Cablenews to the effect that the Philippines would figure prominently in the debates of the next Congress, I am able from the most reliable source, to add that there is every reason to believe that the political feature of the islands will be settled by the Congress meeting on the first Monday in December, 1907.

I was informed today by a statesman, whose name I cannot mention, but whose position is one of high authority, that President Roosevelt and Secretary of War Taft, had, after a conference with the Republican party leaders, and with the Cabinet some weeks ago, determined to put the question to the test of debate in Congress, and to demand that

only complete collection of monuments in existence. Even torial Archives has not a collection. Mr. Babbitt has cases been able to secure copies of these reports for tion, as is a number of insta is only one copy known to t ence. In these cases he has report typewritten so as to the collection. The Archi ed him the material from copy in one or two cases, other cases he had to g sources.

These reports contain m of exceeding interest. As of this it is shown that in schools of the kingdom cont six hundred teachers, and pupils. On the Island of L were in that year, and employed.

Superintendent Babbitt studying these reports as a history of the school Hawaii.—Advertiser.

HOOLOHA AKEA

E ike auanei na kanaka ap Joseph, N. Uahinu o Kaunak pani o Molokai, Teritori o Hawaii, o na Mokuupuni Huiia o kai ame Lanai.

E like me ka la i ke awake au e hoike ae nei imua o kuu imai ka puka na a ka la ma. K hiki aku i ka mole oia o Lehu Aloha oukou a nui.—Ma Okatoba 1907, ke ku ae nei au imua o kuu mau hon makauin kuu aoso kalaisina i ku ai no hiki ehiku oia noka aoso "Ka Rula."

A hiki i kem la, ke hoike ae akea, eia au ma ka Aoso Kalaisina i keia la, a e like me ka iloko o ka aoso kalaisina "Ka Rula" oia hoie hooiolo aha, ka pono, ka lamakila, ka hoie ke ola o ka aoso "Kuokea He A oia mau kulana a u ihana pono o ka mahe kulana. A hana ai no ka pono, ke ola, ka me ka pomakai o ka Aoso Ka pabalika. Oia ma keia la i na aha hoie au i ka aha Re he Republika au i keia la, au o kuu pono a hiki i ka poli oia

10-12-1907

High Hawk is...
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 er now than they

down into some of those mud holes and apparently there wasn't any bot...
Will Be Easy on Settlers.
 We are going to do everything we can to help those homesteaders. They have had a hard time, and the struggle isn't over. We shall work right with them to help them succeed, and as long as they are in earnest, they are going to get mighty lenient treatment in the matter of their payments to the government."
 The pineapple fields are badly grown up with weeds, owing to the weeks of incessant rains, but most of the farmers are already busy cultivating and weeding, and preparing new land for planting.

S. E. Kalamia was chosen campaign manager, at the County Committee's meeting, and has arranged for a tour of the whole county, which will begin this afternoon. The candidates will leave for the Haiku district, by way of Ulupalakua, stumping as they go along, and working back by the windward side, through Nabiku and Keanae. They expect to get back to Wailuku about next Saturday.
 As a result of the County Committee meeting with the candidates there is full assurance that harmony will be the watchword among the republican candidates. The campaign is to be fought out shoulder to shoulder, in full realization that the best interests of Maui depend upon a united delegation's going from Maui to the Legislature next February.

ing filed.
 A. T. Longley, superintendent of the Marketing Division, addressed the meeting. He spoke of the success elsewhere of such associations as the one that was proposed, and of the advantages that would be gained through organization—such as economy of labor in the hauling of large loads; better transportation rates on large shipments; more satisfactory returns for produce because of better grading, packing and more uniform supply; the quicker adjustment of claims through the association's agent; and the saving through buying supplies at wholesale.
 He spoke also of the work the Association might do to improve farming practice, to make country life more enjoyable, and to lighten the work of the women in the homes by encouraging the improvement of the country home and introducing labor saving devices there.
 Some time was then occupied in general discussion and in translating what had been said.
 The following officers were then elected: President, J. Vincent, vice-president, Isobe Moloda; secretary-treasurer, Edwin C. Moore; agent, George Copp. Additional members of the board of directors—Robert G. von Tempky, Yoshihara Suyekichi, Manuel De Rego.
 The board of directors was then instructed to draft a constitution, after which the meeting adjourned.
 A meeting of the board of directors was held Tuesday afternoon. Mr. Vincent offered his resignation, stating that the association was not organized along the lines he believes to be best and that he therefore wished to withdraw. The resignation was accepted. At this meeting the board considered the draft of a constitution which had been prepared and discussed methods of handling the produce.

ir Body ng Boy

Sharks Eat Unfortunate Fisherman

id Disappeared
 posed to Have
 avas Floating

Japanese Supposed to Have Been Washed From Rocks Where Others Had Met Like Fate—No Sign Of Body Found.

for three days...
 appearance of...
 Mr. and Mrs...
 was noted...
 when search...
 body floating in...
 several six or...
 time. The child...
 clothes, not...
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Washed from the rocky ledge from which he had been fishing, and his body decouped by sharks, is supposed to have been the fate of Tamura, a Japanese laborer on the Kipahulu plantation, last Monday night. The man's failure to return led to a search being instituted by his friends, with the result that his clothing and torch were found near where he is supposed to have met his death.
 The place where the tragedy is thought to have occurred, has a sinister reputation in the community, as it is stated that no fewer than four others have met death there within almost as many years.
K. of P. Grays to Give Blues a Banquet
 Because they lost by an attendance contest, held in the two points, the "Gray" team of Aloha Lodge No. 2, Knights of Pythias, will set as here, instead of guests of the "Blue" contingent, at a banquet to be given in Lahaina, next Sunday evening, October 21st. The contest, which lasted for several months, was a spirited one, and a great deal of rivalry developed, particularly towards the

Herd Campaign, Says Crockett.
 Returning candidates from Molokai report a rather strenuous time in making some of the landings. At Kealahou a small skiff in which several members of the party attempted to make a landing from a launch, nearly capsized in the breakers. The passengers were drenched, and barely managed to get back to the launch. Later they were hoisted up by means of a derrick on the shore. W. F. Crockett declares that his nerve is hopelessly shattered, as a result of his harrowing experiences.

PLANS FOR CHURCH FAIR.
 The annual fair of the Catholic Ladies' Aid Society will be held this year on Saturday, November 21, in the Wailuku Armory. The sale of fancy articles will begin at 4 o'clock, and will be followed by dancing later in the evening. According to plans being made by the ladies, the affair this year will far exceed any previous event of the kind ever given in Wailuku.

VOCATIONAL TRAINING OUTSIDE SCHOOL HOURS

Order Reaches Maui Which Nullifies New Branch of Instruction Pro... Said Not to H...

Maui News
 10/17/14 P1

"Vocational training" last Legislature approved after a good deal of debate. public discussion, has had a knock out blow. It is an order which reached Maui about a week ago, this part to the superintendent is...
 ...to far as the school time is con...

...not represent the real...
 Teachers are divided on the matter. The fact that promotion in the... is now dependent upon the quality of

al Colony
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... his clothing and torch...

SAVE THEIR SAKE

That It Is Necessary Laborers
Should Have Their Bones
Regularly

APPEALED TO FOR SUPPORT

The Japanese American Citizen's Association, with headquarters at Honolulu, has joined hands with the Japanese merchants in their efforts to prevent any prohibition legislation which may be enacted in respect to this territory. The former is appealing to the business and commercial organizations of the islands for support, and on Wednesday the secretary of the Chamber of Commerce received the following resolution regarding the matter:

RESOLUTION
WHEREAS, the question of the prohibition of all alcoholic drinks is being agitated in the Territory of Hawaii;

(Continued on Page Eight.)

Sharking Party Lands Very Big Fish

Much of Waialua fishing boats, headed by Barry Gesner, landed a fourteen-foot shark off the coast last Sunday. They went out Saturday night, and early in the morning something on their line was pulling it in until very close to the boat. The big fish was harpooned, and successfully landed. It was the largest shark caught here in a long time, weighing, perhaps, one and a half tons.

A sharking party has also been done off the coast of Maui, as the result of a city paper early in the week will show.

On Friday night before the first of the three big sharks was hooked, the sampan was off the coast of near Makana. Here the sharks were reported to be very plentiful, but apparently not very hungry, as bundles of them swam about the sampan before the bait was taken.

One of the sharks brought in by the Maru weighed 530 pounds, and was twelve feet long and two feet from the base of the snout to the tip of the snout. Before the shark could be pulled in near the sampan it had to weigh 410 pounds.

The sharks were skinned upon the mainland for an experiment in making leather from them. In drying the meat for use in practical use for the fish.

being absent, some of the boats were deferred.

The communication of the Hiwa Insurance Company, requesting that fire protection be observed on Maui, was taken up and considered. Finally Messrs. C. D. Luffin, R. R. Berrin and D. T. Fleming were appointed a committee to look into the matter.

The letter of the Hiwa Board of Trade, requesting a place in the Civic Convention program, to be pulled off here in September, was taken up, and it was voted that the request be granted.

Miss Couch Entertains At Dinner And Bridge

Miss Mary Couch entertained at dinner a number of her friends at the High School teachers' cottage, Hamakua-poko, Friday evening.

Among those present were: Mr. and Mrs. Engle, Mr. and Mrs. Chillingworth, Dr. Fitzgerald, A. W. Collins, D. C. Lindsey, Mr. and Mrs. W. S. Beeman, Miss B. Mast, Miss M. Barton, Miss MacLaren, Miss A. Karrer, Mr. and Mrs. McPhoe, Mr. and Mrs. E. E. Boyum, Miss V. Gardiner, Miss Ina Woodhouse, A. Taylor and Mr. Watkins.

Auction bridge was the order of the evening with an occasional dance interspersed; and a very enjoyable time is reported.

MISS ROSECRANS HONORED

A surprise shower was given Miss Garnie Rosecrans at the home of Mrs. J. T. Pantom, Spreckelsville, Saturday afternoon, about sixty ladies being present. The invitations were to a card party, so that the main feature of the afternoon came as a complete surprise to the bride-to-be.

BASEBALL TOMORROW

The High School baseball team will have their second go at the team from St. Anthony's school tomorrow morning. The game will be played on the grounds at Waialua.

MARRIAGE LICENSES ISSUED

Shosen Ishihara, Japanese, Puunene, 30; Ushi Uyschi, Japanese, Puunene, 29.

KAHULUI SHIPPING

The steamer Iris, one of the vessels chartered to the Matson Navigation Company, arrived at Kahului Monday from San Francisco via Honolulu. She took a full load of sugar and left again Wednesday afternoon.

The Lurline will be expected at Kahului about the last of next week, although there is nothing certain about it.

county at once.

The chairman was also instructed to send the Malohai road tent back to Malohai, together with a spreading wagon for use on the roads.

The district overseer of Makawao was instructed to set aside some of the laborers on the roads for the purposes of repairing the road leading from the upper homesteads road to Kaomaha homesteads.

The same overseer was instructed to repair the stableman's cottage at Makawao.

The clerk was instructed to write to all school principals that hereafter no live stock should be allowed on school premises. The principal at Kaupu was permitted to leave the school yard gate unlocked, as one of the school cottages is occupied by teachers.

The district overseer of Hahaione was instructed to rent to the Kipahulu Sugar Co., all of the county rails in the Hahaione district, except such as may be needed for the Makalala job, at a rental of \$5 a month; the rails to be returned to the county when needed.

The matters of railroad crossing and the damage done to roads by flume water in the Hahaione district were referred to the county attorney.

Pia Cockett was appointed trustee for Napahu Elna, an indigent of Kihai, with an allowance of \$5 a month.

The county attorney was instructed to draft an agreement between the trustees of the Honolulu and the county of Maui relative to the water supplied by the ranch to the Kahana pipe line.

WEDNESDAY AFTERNOON

The supervisors met at 2:40 p. m., all members being present. Almost the entire session was taken up with the reading of minutes, communications and reports, action on which was, in almost every case, deferred to later sessions.

Certain minor repairs at Kaeleku and Keabus schools were authorized. The chairman was authorized to purchase lumber for a care-taker's cottage at Iao waterhead.

Tennis Stars Coming Early In March

The tennis stars from the coast and the Honolulu players will be here shortly after March 1, according to the latest obtainable schedule, coming from Hilo. The coast players will be Roland Roberts, Claude Wayne and Nat Browne. In addition there will be a bunch of Honolulu players, ladies and gentlemen, but no ladies from California.

The tournament in Honolulu will begin in Honolulu tomorrow and will continue on there throughout the Carnival. The party will sail by the Mauna Kea on the 27th for Hilo.

An investigation has been conducted regarding identification of transport carried away lost. The crew... to the survivors... condolences to American...

Honolulu—The Veterinary and Forestry to catch of goats on the island of goats should be only at Honolulu and sold to the other meat but could be sent to the Honolulu...

Wm. T. Rawlins rec Krueger, Kealii and Lan cities in April, and his... The log of the Retri... three islands steamers... three steamers passed... wife was aboard. The... whatever.

The Honolulu Iron... the Philippines, with a... a duplicate of the Cal... Manila.

BANKERS
Washington—Thousa pledges to Secretary Mc... for investment in certifi... this institution are at your many wins. Several other thing in this bank except t... (Con...

WIRELESS M SESSION 10:30

- Ewa Plantation Company ...
- Hawaiian Commercial & Sugar ...
- McBryde Sugar Company ...
- Oahu Sugar Company
- Olaa Sugar Company
- Pioneer Mill Company
- Waialoa Agricultural Company ...
- Honolulu Brewing & Malting ...
- Mineral Products Company ..
- Honolulu Consolidated Oil Co ...
- Engala Copper Company ...
- Mountain King Mine
- Hawaiian Sugar Company ...
- Onomea Sugar Company ...
- Hawaiian Pineapple Company ...
- Oahu Railway & Land Comp... ..
- Mutual Telephone Company ..
- San Carlos
- Honokaa
- Montana Bingham
- Madera

1 d 21/8/2
New News

Shark fishing -
not an attack

Wednesday, May 23, 1926
 of the Maui News
 Mary and Louise
 To the Editor
 Wednesday, May 23, 1926
 U. S. A. T. C. C. C. C.
 Taft.

KU, MAUI, T. H., WEDNESDAY, MAY 26, 1926.

Puunene Grind Near High Mark

The Hawaiian Commercial and Sugar Company bagged 53,565 tons of sugar in this year's grind. That is equivalent to 44,250 tons of 96 percent sugar and makes the crop for the year up to within 2,750 tons of the record grind of last year.

Another feature of the grind this year was that it was finished in the shortest time on record and that the grade of the crop on the H. C. & S. Co. plantation is better than 96 percent.

Water Is Needed In Hana District Board Learns

Large Crowd Greets Supervisors At Open Air Meeting Of Citizens On Friday Night

Water was the big cry that met the members of the board of supervisors on their trip to Hana and at the meeting on Friday night they were greeted by several hundred people of the district who had gathered at the coast house yard to meet the county officials. They were told in the beginning by former representative Kahookela, who presided at the meeting, that the supervisors had come to Hana to hear about the complaints of the people if there were any and to also learn their wants.

In the audience at the court house were residents from Keupo, Kapehala and Nahiku as well as Hahaione and they had one demand to make—water, pure water and plenty of it.

From the Nahiku district came one resident who asked the board to give the people a new pipe line to get a pure water supply. He contended that typhoid fever was now prevalent in the district and that

Maui Fishers Get Giant Shark After Hours Of Struggle

A shark 14 feet long and weighing 1,600 pounds was caught off McGregor landing last Sunday morning and that is no fish story either. The "catchers" in the party consisted of a number of reputable persons and the witnesses to the affair came near getting into the bad grace of the traffic police by parking their machines along the road and going down to the scene of action. Furthermore, Lyman Tucker, contest editor for Maui News, was there with his graphex and he took pictures and the pictures do not sb. If there is still any doubt as to the matter, Attorney John Brown, of the offices of A. E. Jenkins was on the spot and he can draw up a list of sworn authentications that will stretch from the court house in Wailuku to McGregor Landing to prove the contention.

The shark started in the mind of one Harry Weight, salesman for the von Hamm-Young Company except on Sundays. He gathered together a number of fishing enthusiasts consisting of Dr. Sturgis, Merton Brown, Atty. John Brown, Clayton B. Thomas, Charles E. Hutchinson, Louis Bequeira and Jack Linton.

They baited their line with a toothsome mako and stretched it. That was about 6:30 o'clock in the morning. Then they stretched another line with three hooks right outside the bait line. It was in this line that the shark wrapped himself into knots after he had taken a bite out of the bait. He broke the hook that caught him and then while celebrating his "kidding of the humans" tangled himself up in the line like a fly in molasses. On the rocks above him Merton Brown and Weight were pumping lead into the shark and they finally captured the big fellow and tied him up.

Tourist Bureau Is Carrying Out Pact

School Gardeners Show Labor Fruits In Annual Exhibit

Track and field events were not the only things going on at the fair grounds in Kahului last Saturday. Over in the agricultural building youngsters from the public schools were showing what they can do in the way of gardening and they stood silently by while their potatoes, cabbages, onions, lettuce, cauliflowers, peaches, beans, eatable canna, corn, (sweet and popped) tomatoes, parsley, beets, melons, carrots and flowers told the story of their prowess.

There were not as many school gardeners in the show this year as last and it is believed by some of those in charge that the lack of competitive honors this year had something to do with it. Another big feature entering into the calculations was that there has been a long spell of dry weather and still another is that the exhibit was held to near the close of school.

Brighter Future However, H. F. Willey, who was master of ceremonies on Saturday at the agricultural building says that next year the exhibit will be held earlier than usual and the result will surprise everybody. In the exhibit this year the schools having place were: Keokea, Ulupalakua, Paia, Kahua, Makawao and Hamakuaapoko.

The Keokea school kids had a fine display of healthy looking vegetables, some peaches and some fine flowers. Makawao also had a very pretentious display and Hamakuaapoko was not far behind. Paia also was well represented both as to volume and as to class and after the show was over the products were sold and the money turned over to the school kids who watched their products from the planting of the seeds until they changed hands at the agricultural building last Saturday afternoon.

How They Stand

Willey and Frank Cameron have completed their rounds of the school gardens and this is the way they make their recommendations for the prizes offered the schools

Officials Name Teacher For Maui School

Dyson Goes To Cooley Exchange Skinner As Principal Makawao School

Maui's roster of teachers for the term of 1926-27 will be changed by about 10 and there are important changes in the staffs according to the action taken by the officers of the Board of Education at its last Monday meeting.

Clarence B. Dyson, principal of Waihee, goes to Kahului and Miss William E. is transferred to Waihee. H. Cooley, principal at Kahului, is transferred to Makawao and Frank Skinner, principal at Makawao, is transferred to Kamehameha. Skinner has also been with the staff of the big Lahaina school and Mrs. Cooley takes over at Makawao.

Lahaina is regretting the departure of Mr. Cooley but for the sake of health he had to leave school on the west side of the island. Mr. Skinner while on his way to the Valley Division made good as principal at Makawao and his promotion to the big school on the other side is a recognition of merit.

Still Undecided

There is one more school principalship to be filled and that is at the new school at Spreckelsville. It has been appointed to the position as yet although four teachers have been named.

Although the list is by no means permanent the following is the assignment of teachers as upon by the educational committee to date:

Central Maui Schools: Mr. A. Case, Supervising Physical Education; Mr. William E. Skinner, Supervising Music; Mrs. Van Keuren, Primary Supervisor; Mr. James O. Kapohaku,

Shark fishing - not an attack

Maui News
 5/26/26 p. 1

placed on the market by the Maui Sugar Company one of the most attractive building plots on the entire island. It is the strip of land located between the boundary of the golf course and the fairway. Adjoining the new macadam highway that leads to the golf course (now under construction), the plot contains a little over 20 acres varied from flat plane to elevated knolls that command a certainly magnificent view of sea and mountain.

Monday morning the writer took a walk with Manager H. B. Penballow on his rounds of the Waiehee tract and the conversation talk turned towards the Waiehee Public Golf links and at a benefit they would be to the Maui and surrounding districts.

A Real Play Center
Manager Penballow then visited the possibilities were contained in the golf course idea. "It can be made into a splendid course an excellent bathing beach can be added up for the general public in connection with the caddy pavilion and club house," he remarked.

It was then, the plantation manager told of opening up the adjoining plot of some 20 acres. "It will not be next month, maybe in a few months from now will be thrown open; but it will be ready," he said.

Can Be Beautiful
A beautiful residential district is not hard to vision as the land at the plot with its rolling knolls turning back to the mountains. Right along the macadam road is a pond of Waiehee. Manager Penballow pictured this as the center of an attractive residential district with drives mounting up the hills and then winding out of sight between the knolls. It does not require much imagination to crown the expanse with five 365 day residences, every one nestling among shades of green their roofs of green standing in harmonious blend with the trees that adorn the sides of the estate. From every home there will be view of both mountain and sea, and the trade winds will keep the place cool and comfortable.

Further advantage of such a development is the fact that it is just a few minutes from Walluku. The development can be made up of permanent residences, not mere beach properties. **Not Selling Real Estate**
Manager Penballow let it be known that the plantation was not in the real estate business, but that the plantation officials would like to place a very desirable tract in which to build homes for "practical purposes," he said.

It will be called an addition to Waiehee. We have not determined in what manner we will lay out the tract, possibly we will turn it over to an agent to handle with conditions as to building, selling rights-of-way for all to be built. When we get ready to build the tract, we will construct and furnish it with a water supply and the like. It can be made into a very beautiful residential district."

hee, Pala and Hamakua. The party will then go through the H.C. & S. Company mill at Punnene and the California Packing Corporation plant at Kahului.

Tonight and Wednesday night Mr. Head will be a guest at the home of Mr. and Mrs. H. A. Baldwin.

Thursday morning will be devoted to sightseeing and in the afternoon the distinguished visitor will be a guest at the annual meeting of the Chamber of Commerce. Thursday night a number of prominent people on Maui will have a chance to meet Mr. Head at the dinner and reception at the Grand Hotel.

Review At Fair Grounds
From the standpoint of the scouts of Maui, the biggest event in connection with the visit of their leader to the Valley Isle is the review and address at the fair grounds on Friday morning.

"Hutton says that educational authorities in Honolulu have ordered that all scouts will stop school work on that day in honor to their national Scout masters over the island. He whipped the lads into shape for the event and expects to be a great day. A review is set for 10 o'clock and will be followed by an address of Mr. Head.

At the review, Mr. Head will speak for Lahaina where he will meet the headquarters of the organization. He will meet Mr. and Mrs. C. E. until his departure for Honolulu.

The first time in the history of Maui, that a president of the organization visited the Valley Isle from being leader of a district that aims at the cultivation of manhood among a thousand of American youth. Head is prominent in the eyes of the nation. Despite his age he is but 49 years old, a directorate of some of the prominent business concerns of the nation and is considered one of the ablest business men of the country.

HE HAS LOW OPINION FOR TOURNEY

English is the winner of the competition for the Maui Golf Club. In his third hole the diminutive golfer's section faltered but he came home at the 72 holes with a net score just enough to finish first of the heap.

The most interesting staged event of the Maui Golf Club since its inception is the annual tournament. The proverbial hats are off to the law and his committee for the number participated in the event. Full handicaps were given and from now until the month Bshaw and his will be busy revising the rules downwards.

A more detailed account of the play will be printed in the Saturday issue of Maui News together with the prizes awarded for the various stages of the play and the

form of an enabling act so that the combined gas and weight tax would be adopted by the counties and the city and county only if officially enacted into law by the several boards of supervisors.

Shark Hunt Sequel In District Court

The old days of shark hunting on Maui were in the memory of several of the district court judges.

When West Avey and his proposed hunt finally ended in the court of the Lahaina District Magistrate with Harry Gessner being placed under suspended sentence by the court for creating a common nuisance or something like that.

The funny part of it was that Gessner was acting in good faith all the time and during his visit to the island endeavoring to revive the old favorite pastime for which he had become famous.

Some years ago Harry was the champion shark hunter of these parts and his week-end shark hunts were about the last word in such affairs. When he departed for other fields, the sport was taken up by Bert Aiken and after Bert left, Harry Weight, now of Hilo came to the front. With the departure of Harry Weight things fell down badly and shark hunts have been few and far between.

Recently Gessner came back to Maui for a visit, saw the sport he had fostered for years falling into oblivion, and he determined to revive it.

About a week ago he planned to stage a comeback. West Maui was his selection and he bought a mule for bait. The mule was led to the point of slaughter and the place of the shark hunt and duly dispatched. Just about then an accident happened. In throwing the mule over the cliff, calculation went wrong and the mule landed on the rocks below and not in the water. The shark hunt was off for the day and Gessner, according to the story of Deputy County Attorney Frank Crockett left, orders for some one in Lahaina to burn the animal. The job was not done and as a result Gessner was brought into court on the nuisance charge.

There is a favored beach resort right near where Gessner elected to hunt sharks and on the day following the failure of the hunt, a party of scouts went to this place. They did not stay long as the odor of a decaying mule is not conducive to a good time. A complaint was filed against Gessner and last Monday he was hauled into the district court of West Maui. In the meantime the carcass of the mule had been burned and the court suspended sentence.

There is where the matter rests right now, but it has not dampened the ardour of Gessner for shark hunting. Next Sunday he is going to stage a comeback at MacGregor Landing and this time there are going to be no accidents about getting the bait into the water.

KAISER GIVES RECEPTION
Wilhelm, former Kaiser of Germany, will celebrate his 70th birth

their yellow-brown leaves withering under the elements, a sort of far cry from the energetic sprouts of green that their heads towards the sun. The rice to produce their grain, and the luscious fruit.

The corporation, the farmers owning, leasing or renting the pineapple field faced strenuous work for weeks or even months in the process of getting it ready for the harvest. The old plants had to be shifted and they turned into the ground with the plow and harrow to add more humus to the soil. The main thing, however, is that the shredder has stood the test for several weeks. Its inventor has given it the hardest sort of work with no more serious damages to the machine than a chip here and there knocked off the hammer.

Pineapple experts have given the proposition considerable study, and it looks as if it took a Maui man to solve the problem for all time.

Meets Every Test

Not very long ago W. A. Baldwin in charge of the pineapple experimental station on Maui, announced that he was ready to try his new pineapple shredder and at once those interested in the industry of the island gathered to witness a demonstration. It was a most satisfactory one and this new machine literally chewed its way through the waste fields, beating into pulp the sturdy plants so firmly and deeply rooted in the soil. Expressions of satisfaction were plentiful, general, but the inventor of this new agricultural instrument had a false idea about his machine.

Although only a demonstrative machine, Baldwin elected to put it to the severe test of daily work and he tried it out in the fields of Hakala Ranch and also with Libby McNoil and Libby.

Hitched to a tractor, which once furnished it traction and motive power, it did a most thorough job in every field it was tried in and there were no tests that did not meet. There were no breakdowns in the machinery and there were no fields where the plowing was too rough.

When Hammers Fly

The plant annihilators of the shredder are sling hammers. There are 12 discs on the demonstrative machine and connecting these discs are six horizontal bars. In the eleven places between the discs are sling eleven hammers to each bar. 66 in all. Turning at a speed of 900 revolutions per minute the sling hammers just wipe the old plants into little piles of pulp and rocks or other obstacles in the way are smashed aside as so much straw. Ten acres per day of such fields is considered a fair day's work for the machine and after it has finished its task it is a matter of choice with the owner of the field whether or not he elect to run over the area with a rake and pick the rubbish in wind-rows and burn them over into the soil to eventually become so much humus. Agricultural experts advise the later method.

The main thing, however, is that the shredder has stood the test for several weeks. Its inventor has given it the hardest sort of work with no more serious damages to the machine than a chip here and there knocked off the hammer.

Shark Hunt Sequel
in district court
Maui News
1/23/29
p. 1

Mau News
2/17/32 p. 1

The organization which has for its purpose the social welfare of the Japanese community, has a membership of over 300. New officers of the club who were elected this month are: president, J. Tokunaga; vice-presidents, Dr. O. K. Takafuji and K. Watanabe; treasurer, I. Okawa; secretary, G. Kawabata; and auditors, G. Mizra and S. Yoshizuka. Directors are: R. Shibano, S. Saito, K. Sekine, H. Yamamoto, S. Sorotani, T. Muraoka and K. Takafuji.

BEVINS IN TOWN FOR CONFERENCE

County Attorney Meeting With Attorney General Hewitt

County attorney E. R. Bevins left for Honolulu Sunday night to attend the conference called by Attorney General Harry Hewitt Monday morning.

County attorneys from all parts of Hawaii met with the attorney general this week, together with newly appointed public prosecutor John C. Kelley of Honolulu and Harold T. Kay, deputy attorney general, for the purpose of discussing laws passed by the special session of the legislature.

Others attending the conference included county attorney Bevins, W. H. Beers of Hawaii; A. G. Kallakou of Kauai.

GROVER LOENING HERE FEW HOURS

Well Known Airplane Man Arrives Saratoga, Sails Malolo

Mau had an interesting visitor for a few hours Friday in Grover Loening, famous maker of amphibian planes.

Loening came to the islands as a guest of the U. S. Navy on board the airplane carrier "Saratoga," which arrived off Lahaina that morning.

The plane man took the Inter-Island Sikorsky to Honolulu that afternoon and sailed Saturday for the coast on board the Malolo.

REJECT FOUR YEAR TERM

The house of representatives has voted down the attempt to extend the term of representatives from two to four years. The vote was 12-6 on the proposal to amend the constitution regarding the length of the term of office of members of the lower house.

The Makawao Parents Teachers Association held its regular meeting at the Makawao School on Thursday evening at 7:30 p. m., about 50 parents attending. The teachers in their talk stressed the importance of the parents to see that the children get to school early and also the co-operation of the parents with the teachers.

An hour of entertainment and two reels of picture shown will be given free of charge on Thursday, February 18, at the Makawao theater by the Parents Teachers Association and the children in honor of George Washington. We want everyone to come.

We had with us for the evening Dr. F. G. Krause from the University of Hawaii, and his talk to all of us was most interesting. Mr. Ambrose and Miss Gago were also with us and spoke of forming a farmers club. All interested in farming will please attend the first meeting to be held at the Makawao court house on Thursday evening, February 25.

TO FORM NEW STATE

Press dispatches from Mukden are to the effect that Chinese leaders in Manchuria are assembling at that city in the near future to complete plans for the formation of a new and independent state in Manchuria.

PREPARE FOR BATTLE

Fully 85,000 men are under arms in Shanghai sector today. The Chinese with 50,000 are preparing a defensive against the 25,000 well equipped Japanese preparing for an assault against the Chinese city.

SAILOR FROM THE SARATOGA HAS CLOSE SHAVE WITH SHARK IN THE LAHAINA ROADSTEAD THIS SUNDAY

Here's the latest man-eating shark story in Hawaiian waters:

On Sunday afternoon about 1 o'clock a sailor from the Saratoga, airplane carrier of the U. S. fleet thought we would take a plunge into the inviting water about a mile off Mala wharf in Lahaina Roadstead. While refreshing himself in the cool water he felt a sudden painful sensation—like the deep scratch of a tiger's claws.

A sampson carrying Pete Ponsen, manager of the Waikuku branch of the American Sanitary

Admiral R. H. Leigh, commander of the battle force, was confined to his quarters on account of illness and unable to meet the delegation of Maui businessmen. Later in the day, according to flagship reports, Admiral Leigh was removed to the hospital ship Relief.

C. S. Childs, chairman of the fleet committee of the Maui Chamber of Commerce, made arrangements with C. E. S. Burns, manager of Pioneer Mill Company, to go aboard the California Saturday morning to discuss entertainment plans with fleet officials. Accompanied by C. E. S. Burns, William Walsh, H. B. Penhallow, C. D. Lufkin, William H. Eagle, D. T. Fleming, E. J. Walsh, Rev. E. E. Pleasant, E. L. Damkroger and J. A. Morrow, Childs visited the California shortly after 9:30 o'clock Saturday morning.

The Maui committee was received by Admiral Taussig and briefly Childs mapped out the program set by the local committee for the stay of the fleet here.

Shore leave was granted to several thousand of the men on Saturday afternoon and by Sunday morning Commander Lovette and E. L. Damkroger had baseball, and volleyball well under way.

Train rides for the men over the Pioneer Mill Company plantation had been provided for Sunday by C. E. S. Burns and assurance given Admiral Taussig and members of his staff that such rides would be available for the several hundred (Continued on Page 5)

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Thursday morning scores of the fleet left Harbor on the Saratoga to the submarine base a critique. They will next day, when the force moves out for practice. The battleship Pennsylvania is slated for a long run during the week.

To Other Islands After February 22 ships will go to Hilo points and the men will leave on Hawaii.

SUPERVISORS MEET TODAY OPENING OF

Routine Business To Monday; Brief

Mau supervisors closed their mid-month meeting today, taking up matters of business, disposing of pending reports and committees and the like.

Both morning and afternoon sessions were kept very brief and adjourned at 2 o'clock again this morning.

Due to come up today matters not settled in January appropriations bill on several jobs.

CHAMBER TO MEETING TODAY

Mau Chamber of Commerce will hold its regular February meeting at the territorial building grounds on Tuesday, February 23.

President David C. Ponsen requests that one member of the standing committee be present to represent that group in the meeting before the chamber closes.

Hackellar, J.S. (1968) Hawaii goes fishing.
Charles E. Tuttle Co, Publishers, Japan 160pp

12

The Hawaiian Shark

SHARK! For most people the very word carries a sinister thrill. Immediately it brings a picture of the great fish as it prowls the sea with unhurried power, the warning dorsal fin just grazing the surface of the water. One thinks of the cruel, down-curved mouth hidden back under the brutish snout, the tough, sandpapery skin, the jaws like a guillotine blade. The shark is the villain of the sea. It has provided material for some of the most exciting sea-adventure stories that have ever been written. Horror, tragedy, or at the very least, high suspense, are synonymous with this most dramatic of all fish.

Since this image of the shark is common to seagoing people both in the warm South Pacific and in colder oceans, it is striking to find that the Hawaiians should feel quite differently from the rest of the world about the shark. While others have fled in terror, the Hawaiians have wooed the shark. While others have hunted and killed it, the Hawaiians have protected and cultivated this fearsome fish. Why? This attitude is the result of a curious cycle of thinking which is not uncommon to people whose lives have been intimately related with the raw forces of nature.

The first Polynesians inevitably had numerous encounters with sharks as they fished, swam or navigated their canoes across the spaces of the Pacific. These en-



ANCIENT FISH POND
STILL IN USE ON KAUAI

Hawaii Visitors Bureau Photo

counters, which sometimes ended in escape, sometimes in disaster, were described in tales which became a part of their folklore. Like everyone else, the Polynesians enjoyed making a good story better, so these folk tales were enhanced as they were retold through the years. As the actual events faded into antiquity, they acquired mystical aspects. The shark was frequently believed to be a god in disguise. Heeding the warnings which these legends seemed to convey, the Polynesians cautiously began to identify every shark as a creature of supernatural powers. It was only a short step from there to actual deification. Rituals were evolved to insure the favor of the shark-god. It was worshipped and finally considered a friend and guardian of all faithful followers. Thus the fish which had once been a source of terror and sometimes tragedy was transformed, in the minds of the Hawaiians, into a symbol of benevolence.

Gods and Guardians

At one time the island of Molokai had a particularly famous and dreaded shark-god named Moaalii. Many temples were built on coastal promontories to Moaalii and to him went the first of the fishermen's catch. Whenever it was decided that the shark required a sacrifice, the Hawaiian priests obtained a human victim for him. Anyone who had the bad luck to cross their path at that time they snared and strangled with a rope. The body was then cut into pieces and thrown to the shark. In order to catch a victim the priests sometimes had to resort to such tricks as hiding and uttering piteous cries like someone wounded or sick. Whoever was attracted to the spot was seized and killed.

Each section of Island coast had its own patron shark whose name, history, place of abode and appearance were well-known to everyone who lived there. Each of these sharks had a *kahu* or keeper who was responsible for its care and worship and from time to time offered it a pig, chicken, *awa* or some other token of devotion. The work of a *kahu* was handed down from parent to child for many generations or until the family became extinct. According to reports, the relationship between the shark and its keeper was of a most confidential and intimate nature.

Certain families, particularly those of fishermen who depended on the sea and felt a kinship with all of the life within it, believed that the shark was their *aumakua* or family god. Paradoxically, often the shark *aumakua* was regarded as having human parentage and was thought related by ties of kinship to these families. Several of the highest *alii* families worshipped the shark as their family *aumakua* and claimed to be descendants of the shark-gods.

The fishermen believed to some extent in transmigration and often threw their dead into the sea so that the sharks which devoured them would be animated ever after by the souls of those persons. Killing a shark or eating shark meat was therefore strictly *kapu*. It would have been like killing one of the family. Even today many a Hawaiian mother of a newborn son will have the baby's umbilical cord cast into the sea for the shark. This, she believes, will insure the child's safety when he is old enough to go out in the sea for, from this offering, he will always be recognized as a friend by the shark. There is also a belief, by some inverted process of identification, that the child will acquire something

of the strength and invulnerability of the shark to whom this homage is paid.

The shark was the *aumakua* of King Kalakaua and his family. It is said that when Queen Liliuokalani lost her throne in 1893, the *kahunā* of the kingdom interpreted it as a symbol of the displeasure of the family *aumakua*. He advised her to tour the Island waters, beginning at Niihau, and to make offerings to all the shark gods. She did not do so. The reason is not known: whether it was an indifference to the old Hawaiian belief or some other. But the humiliation of the proud queen who was taken prisoner two years later by the white men is history today, and is interpreted by each person according to his own background.

Many Hawaiian families have stories, treasured like heirlooms, of ancestors who were protected or saved from danger in the sea by a shark *aumakua*. This one, related not long ago by a young *kapa-haole* woman, is typical.

"My Hawaiian great-grandfather was an expert fisherman," she said, "and used to go far out to sea for certain kinds of fish. One day when he was out alone a fierce storm came up and, as the canoe was tossed about, he was thrown out and knocked unconscious. When he came to his senses again, he found that he was only a few yards from shore. The canoe was gone and he was all alone. He couldn't imagine how he had got there until he noticed a great, gray shark near him. It turned and headed slowly back out to sea. Then he knew it was his *aumakua* that had saved him." The young woman gave a smile that made it hard to guess how much of it seemed true to her today. "He told this to the family because he believed it," she said, "and it has been handed down as part of our family history."

4 July 1953 O. C. C. Keolu Beach not taken
 Dec 3, 1952 G. Solano Hali, Bch, Oahu
 fatal attack → the story

Man-Eaters or Mice?

The sharks in Hawaiian waters do not seem to be as fierce as those in other localities such as the West Indies where they have justly earned their reputations as man-eaters. Although sharks have mutilated bodies of drowned persons, there are only four authenticated records in Hawaii of a shark attacking and killing live persons. The most recent victim was a Filipino sampan captain who was in the water, setting nets to catch a school of small fish about a mile off the leeward shore of Oahu on July 4, 1953. His assistant saw a shark, which he estimated to be about twenty feet long, take one bite and then another of the captain's arm. The water turned red with blood. The struggling, injured man was dragged up into the sampan and a tourniquet applied but he died of hemorrhage and shock. The experts' explanation of the attack is that the shark was probably after the bait which had been scattered on the water to attract the school of fish, and bit the man "in a feeding frenzy." The chances of getting bitten by a shark in Hawaiian waters, says Vernon Brock, head of the territory's Division of Fish and Game, are akin to those of being struck by lightning. Still, the possibility always exists whenever swimmers are outside the reef, and particularly if they have dead or bleeding fish with them.

Spear fishermen know this all too well from the sharks they have found trying to thief their catch. Usually the shark circles the spearman cautiously, looking for a chance to snatch the string of fish and flee. The spearman knows that the shark is interested primarily in the catch, not himself, as a meal, although in his hunger the creature might make a mistake. There are several

alternatives in this situation. The prudent will immediately head for shore, towing his catch line, but leaving plenty of distance between himself and the catch. The bold will attempt to frighten the shark away. This they say they can sometimes do simply by loudly thrashing the water. If the shark doesn't respond to this, the next step is to jab him with a spear. Some spearmen say that if you throw the shark a fish or two, he will be satisfied and leave. Others say that this will only establish a permanent pest and you will be unable to do any more fishing. Some Hawaiians will not continue to fish when they see a shark. To them it is more an omen of bad luck than a potential danger. Most spearmen avoid attracting sharks by throwing their catch into a boat or a bucket, instead of dragging it on a line.

Gottfried Seitz tells a not unusual story of a spearing adventure at Waiānāc. One day he went out with a young Hawaiian who promised to show him some fish holes. They had good luck and after a couple of hours there was a fine string of fish on their catch line, a piece of piano wire attached to a block of wood. As they were returning to shore, the Hawaiian, who was holding the catch line, let out a loud oath. "That such and such (those were not his exact words) shark just took off with our fish." Seitz could think of nothing but getting to dry land as fast as he could, but the Hawaiian swam back leisurely, cursing all the way. He was particularly sore about losing the piano wire, which was a hard-to-get item. The shark had swallowed the line of fish, block of wood and all. Later Seitz asked the Hawaiian if he had seen the shark before it snatched the fish. "Oh, sure," the Hawaiian replied. "I saw him first thing when we went out, but I took a chance he wasn't hungry." He scowled. "I was wrong."

The many strange objects that have been found in sharks' stomachs when they were cut open have contributed to the fearsome yet curious reputation of the great fish. In one shark caught at Makaha, fishermen discovered half an *utua*, several tin cans, two horse's hoofs and the frame and handles of a valise. Another shark was found to have swallowed a small anchor. Belt buckles, shoes and soldier's identification tags found in shark's stomachs have added to their fame as man-eaters. Yet there have been hundreds of instances in which humans have not been molested in shark-infested seas. Pilots of downed planes, shipwrecked sailors and marathon swimmers have been among those who described the sharks which came near them as "only curious, not savage."

Some Islanders have had encounters with sharks which bordered on the amicable, such as this one described by Emil A. Berndt. One day when he was a boy, he and several friends were swimming at the old Inter Island dry dock which used to be at the foot of Kakaako Street. They climbed up on the clusters of piles and then dove into the bay for pieces of white crockery to see who could go the deepest and stay down the longest. The boys noticed a shark cruising up and down the harbor channel but were not concerned. When it came Berndt's turn, he dove for the chip and picked it up. As he began to rise to the surface, the shark swam between his legs. He found himself riding on its back. When his friends on the piles above saw what had happened, they jumped into the water to try to frighten away the twelve-foot creature. As the shark rushed to escape, Berndt toppled off. Later he said, "When I got on the dock again, the insides of my legs were severely chafed from the roughness of the shark's skin. However, I'm still convinced that

the big boy was scavenging for food thrown overboard and was perfectly friendly."

The early Hawaiians distinguished five kinds of sharks: the *mano kihikihi* or hammerhead shark, the *lalakea* or white-fin, the *mano kanaka* or man shark which was revered as the family *aumakua*, the *mano*, a large white shark, and the *niuhi* which was the largest and fiercest of them all. The *niuhi* was greatly feared by the Hawaiians who said they could see it a long way off at night by the greenish light of its eyeballs. The capture of one of these sharks was a great event. The following description was written in 1897 by a Hawaiian woman:

Preparations consisted of catching many of the common shark and cooking their livers, together with a little of the flesh, in *ti* leaves in underground ovens. Large quantities of *awa* root were pounded and mixed with water to make a highly intoxicating liquor. Then the cooked meat and *awa* were put in gourds and loaded into fifty to a hundred of the largest single and double canoes. This fleet sailed many miles out to sea where the *niuhi* was known to appear frequently. When they had arrived at a comparatively shallow place, the canoe in which the *kahuna* for the expedition rode, cast anchor. The meat and baked liver were thrown overboard, a few bundles at a time, to attract the shark. After a few days the grease and scent of the cooked meat spread through the water many miles in radius. The *niuhi* would almost always make its appearance on the third or fourth day. Bundles of meat were thrown to it as fast as it could swallow them. After awhile

Great white

the shark became comparatively tame and would come close to the canoes to be fed. Then bundles of the liver soaked with *awa* were given to it. When it had become not only satiated but stupefied with the *awa*, a noose was slipped over its head. The fleet raised anchor and started for home, the shark following, a willing prisoner. The people of the nearest canoe carefully continued to feed it the *awa*-soaked liver from time to time. When they reached land, the shark was led into shallow water, stranded, and killed. The body was carefully divided among all the participants. Apparently the value of the capture of the *niuhi* was entirely psychological. It was believed that whoever owned any fragment of its skin or bones became endowed with great courage. The man who slipped the noose over the head of the shark was supposed to be victorious ever after.

Shark fishing was considered a great sport by the ancient *alii*. The bait used was human flesh, which, according to one authority, was cheaper than pig and equally acceptable to the shark. Besides, it gave the chiefs an opportunity to dispose of anyone they disliked. The victim was killed two or three days in advance of the fishing expedition and the flesh cut up, placed in a calabash and left exposed to the air to decompose.

On the day of the event the royal party set out with the human bait tied to the outrigger of the canoe in such a manner that it would leave a trail of blood and oil on the water. At the shark grounds, hooks of bone or wood a foot in length were baited with chunks of the flesh. The chiefs showed great skill and courage in

capturing the sharks for this feat was considered a measure of their stature as *alii*. Kamehameha I was very proud of his title as a great shark hunter. He penned his victims close to the *keiau* of Mookini near Kawaihae, Hawaii.

In shark fishing, as in other things, the *haoles* brought progress to the Islands. Their advances consisted of using harpoons instead of oversized fish hooks, and horses instead of humans for bait. According to one old account, a dead horse was tied to the stern of a boat and the belly slashed so that it bled freely and the entrails spread through the water. This attracted the sharks so that they came quite close to the boat where they were easily harpooned. In one day of such sport the catch was three yellow-green sharks and one with indistinct stripes like a tiger.

Noosing a shark while it slept with its head in a cave in the reef was once a popular technique with the Hawaiians. A fisherman would dive down and gently slip a noose around the tail of the shark, then return to the surface and climb into his canoe. The line was pulled in and the shark hauled up and killed. Dangerous as this sounds, it is not at all impossible, for fishermen have found that the shark's active strength is in its tail. When the shark is lifted tail first out of the water it seems to be paralyzed by the weight of its body pressing downward on its head and can make only feeble movements. While hanging thus it may be killed without difficulty.

Today shark hunting is no longer a sport, although sharks are sometimes caught with a hook and line by fishermen casting for *uluu*. Gill nets stretched across channels and harbors often entangle small hammerheads. The shark is the only fish which may legally be killed

with firearms. This is for protection, not sport, and is done chiefly by big game fishermen when they see a shark after their catch. Many fishing launches carry pistols or rifles and if a shark follows a boat too closely or attempts to molest the catch, the skipper may dispatch it with a shot in the head.

The Enigma

So much fact and fancy have been woven together about sharks that it is hard to separate the two. The Hawaiians call the *haoles* "shark bait" because they say that sharks prefer "white meat" to that of the dark-skinned local people. While a fish which swallows anchors, tin cans and valises would hardly appear discriminating enough to care, still the saying has a basis of truth. During the war, when the Air Force was developing a shark repellent to use on life rafts, it was found that sharks have a negative reaction to dark colors but are attracted to white. Shark repellents are therefore made of a black dye combined with a copper acetate which dulls the smell of the shark.

The shark is such a tempting subject for tales of the heroic that, thanks to the movies, a kind of tradition has grown up that no South Sea native is really worth his *poi* if he doesn't occasionally meet and kill a shark in underwater combat. There are also a number of references to shark wrestling, and to heroes who fought and killed sharks, in some of the old books on Polynesia. But Hollywood and legends to the contrary, it is impossible. The skin of a shark is almost impenetrable to a hand-wielded knife. Even on land it takes full strength to puncture and rip the shark's grainy, tough hide. In

a moving, underwater battle, with no footing, a human would be a pitiful match, no matter how strong or agile as a swimmer.

The shark is comparatively slow-moving and clumsy, and its mouth is inconveniently located quite far behind the snout. To take a bite from a large object the shark must roll to one side. This has given many a would-be victim a chance to play the courageous tricks which probably form the basis for the shark-wrestling stories. One shark hunter, it is alleged, carried with him a stout stick or a piece of pipe sharpened at both ends. When a shark opened its mouth to bite him he thrust the stick in vertically so that its mouth was propped open and the gape-jawed creature was helpless. Another fisherman is reputed to have thrust a fish into a shark's mouth when it lunged for him. The satisfied shark bothered him no more. Many Islanders have escaped from encounters with sharks because of their "cool head, main thing," not because they were victorious in underwater combat.

The shark will probably baffle men and excite conflicting stories always, for its inconsistency of behavior under different circumstances defies a pat definition of its nature. Sometimes it appears a man-eater of blind ferocity, other times a cowardly scavenger. In Hawaii it has achieved the unique status of an ocean god, regarded with mingled admiration, fear and affection. Its controversial character remains one of the most fascinating aspects of sea life.

A Fisherman's Luck

FISHERMEN are probably the most superstitious of all sportsmen. No matter how scientific they may be when it comes to caring for an automobile, treating an illness or handling their jobs, when they set out for the sea they immediately become involved in doing certain things in certain ways, not because there is any direct effect on the fishing, but because it seems the "right" way to do them and somehow should bring luck. They are fantastically willing to believe almost any stray tid-bit of information about fish and their preferences, which probably accounts for the vast array of lures, hooks and baits used by fishermen. The implication is that not only is a certain lure attractive to fish, but besides, it seems to bring with it "good luck." The fish not only seize it if they see it, but this particular hook or lure just always seems to be where the fish are. In a cold recounting of facts the modern fisherman may deny that he has ever felt, much less relied on, such feelings. But when he is wearing his favorite fishing clothes and civilization is far away (in his mind at least) and there is only the clean smell of the sea around him, plus his hopes for contact with some now-unaware fish blithely swimming not so far from where he stands—as the eagerness of those hopes climbs almost to a peak of prayer, let him *then* deny that there is such a thing as being

her tears fell. Nor was she pleased to have her enemies act according to their own will. She therefore wrote to the chiefs of Maui, Hawaii, and Kauai to come together in Honolulu, and some of the church people also accompanied Mr. Richards. A council of chiefs was held at the king's home at Pohukaina above the house of Ka-lani-moku to decide whether Mr. Richards was guilty or not. They were ignorant of the English law in the matter. They knew that when a man committed murder he forfeited his life. If Mr. Richards were now to die for this crime it was a pity. For two days they deliberated but could find no way to save Mr. Richards from being put to death, since both John Young and Boki had pronounced against him. The government had at that time no constitution ensuring a legal trial with witnesses presented on both sides to decide such a question, hence their uncertainty.

At noon of the day following David Malo and Ka-na'ina [father of King Lunailo] met Ka-'ahu-manu, Hoa-pili, and Ka-ka-ulu-ohi in secret in one of the rooms of the Council House, which they entered by a private entrance. Ka-'ahu-manu addressed David Malo while her tears flowed, saying, "Alas! I see no way to save our teacher. Young and Boki both say he is guilty of writing to America." Malo replied, "Is that what he is accused of?" "Yes." "How these foreigners contradict themselves! [Malu exclaimed] They say it is wrong to worship God, but all right to learn writing, and now they say it is all wrong for Mr. Richards to write a letter." Again Malo asked, "Suppose you had a spoon stolen and some one should inform you who had stolen it, who would be to blame, the one who stole the spoon or the one who told you who was the thief?" "The one who stole it." "You were Kamehameha's wife and Ka-nihonui forced you to sleep with him. Luaheluhe informed Kamehameha. Now, I ask, which of the two did Kamehameha execute? Was it Luaheluhe?" "It was Ka-nihonui." "Is there any country in the world where the wrongdoer is commended and the informant against him pronounced guilty?" "Nowhere!" Light was fast beginning to break in upon the chiefess' mind. Malo continued, "Why should Mr. Richards be convicted and Captain Buckle who committed wrong go free?" "It is plain to me that Mr. Richards is in the right and we have been very ignorant," Ka-'ahu-manu replied. She then went before the chiefs and presented her views.

The next day the king, Boki, Manuia, Ke-ku-anao'a, the British consul, and Captain Buckle presented themselves all dressed in gold-trimmed uniforms. When Manuia urged Mr. Richards' imprisonment within the fort, and Boki and the consul also urged this upon the Council, Ka-'ahu-manu spoke up and said, "The chiefs have consulted about the charge against Mr. Richards, who has been brought to trial by the British consul because of an alleged wrong committed against a British subject within

the kingdom of Hawaii. This is our decision: Mr. Richards is not guilty of the charge made; he is innocent and we release him."^{*}

The queen by this decision made enemies for herself of the consul and the foreign merchants and of Boki and Manuia of her own people. Manuia and the consul went out shaking their heads and waving their swords in the air, and the captains retired crestfallen. The two captains who had fired on Lahaina became Ka-'ahu-manu's worst enemies. The consul beat up one of her keepers who had chased away the consul's cattle which roamed at large all the way to Pawa'a and were eating Ka-'ahu-manu's plantings at Kapaka'oma'oma'o in Manoa. This man, Kane-kualine, was roped about the neck by the consul and dragged behind his carriage, tossed up and down all along the plains, his chin and ribs broken, and was only saved from being killed by getting his hand inside the noose. Englishmen are certainly oppressive to the weak! It was not the missionaries alone who suffered but the Hawaiians much more. . . . I have seen with my own eyes the heads of the New Zealand chiefs dropped into the sea at the wharf near Kapapoko. In Mr. John Jones' store Mr. George Wood, the husband of Ka-maunu, threw the water in which those heads had been washed at the people who came to look at the chiefs' heads. A very cruel act!

On March 30, 1828, a three-masted ship anchored in the harbor bringing a second reinforcement of missionaries together with some Hawaiians who had been educated through the kindness of the American people. The missionaries included the Rev. E. W. Clark (Kalaka), the Rev. P. J. Gulick (Kulika), the Rev. Jonathan S. Green (Kerina), the Rev. Lorrin Andrews (Aneru), Mr. Gerrit P. Judd (Kauka), a physician, Mr. Shepherd (Kapaki), a printer, their wives, and a single woman, Miss Maria Ogden. There were others who later went as missionaries to the Rocky Mountains in Oregon. The Hawaiians were John Palu, Haia, Ka-la'au-lana, 'Ukahi-moa, and Ka-lima-hana.† Some of these assisted the missionaries and others lived like any of the people. John Palu became a favorite with Boki and married the daughter of George Holmes and Mrs. Pale.

A few months later the king, accompanied by his chiefs, Boki among them, his Hulumanu, and sailors, went to Hawaii on his warship *Ka-mehameha*, attended by other vessels, for his first visit to that island since leaving it for Honolulu. At Lahaina they were well feasted and met Nahi-ena'ena, Ke-kau-onohi, Hoa-pili, Ka-hekili, Kau-kuna, and all the other chiefs of that place. Here they witnessed a tragic occurrence; a man out surf riding at Uo was killed by a shark which bit off

* This story is by Dibble 10, pp. 197-198, and Remy 27, pp. 217-225.

† *Ka Nupepa Kaho'ola*, June 6, 1868.

The Kamehameha Schools Press
Honolulu
1961

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king, yet unpaid, all of which had with interest accrued reached the sum of \$150,000 to \$200,000, were alone to be included in the indebtedness of the kingdom. Of this debt the greater part was owed to American merchants. There was a rumor that the kingdom was to be taken over by the United States. This might have happened had not a constitutional form of government been declared and government revenues conserved so that its debts could be paid in full. Certain of the foreign teachers who loved the Hawaiian people, the chiefs, and the whole nation, were taken into the government, and it became an easy thing to pay these debts and deal with other abuses that had been heaped upon the government. But Boki when he heard what Ka'ahu-manu had said about his paying his own debts said, "This is strange! I thought that the king was mine, that the government of the whole group was under my control, and that whatever I thought right would be accepted by the king, the chiefs, and the whole people! . . . The woman who is so fond of God said that one should disregard things of the body and think upon things of the spirit. I thought she cared for spiritual riches and looked upon earthly wealth as trash. Here is a proof of it! She went to Hawaii to dismantle Hale-o-Keawe, had the chiefs' bones burned, the house broken down, and the hidden bones of the chiefs brought out and shown publicly. Perhaps if she knew where Kamehameha was buried she would have his bones too made public. I know that the kings of England take excellent care of the bones of their fathers, and so were the bones of our ancient chiefs cared for. They were hidden under eath by a trusted person."

The year 1828 is notable for the visit of Ka'ahu-manu to Hawaii to fulfill a vow that she had made to attempt the recovery of the bones of Liliuoe on Mauna Kea where her body was said to have lain for more than a thousand years in a well-preserved condition, not even the hair having fallen out. Others deny this and say her body was too well-hidden ever to have been found. Her offspring count from Hua-nui-i-ka-la'ia'i; she was the ancestress of ruling chiefs, and from her line was born 'Uni-ka-lani [father of the Mahi family on Hawaii], son of Keawe-nui-a-'Umi by Ho'opili-a-Hae. It is said that Ka'ahu-manu did not find the bones of Liliuoe, but only those of Liloa, Lono-i-ka-makahiki, Kaunohia, and Lole at Waipi'o, and these she removed to Ka'awaloa. She also removed to Ka'awaloa the bones of all the chiefs up to the time of Ka-lani-ope'u and Kiwala'o which had been netted into baskets (*ka'oi*) and which completely filled the Hale-o-Keawe, and she destroyed the remaining bones with fire. It was this act which embittered Boki further against her.

Another cause of complaint against Ka'ahu-manu arose when Ka-ika-o-ewa, finding himself deep in debt to Mr. French and other foreign merchants, was arranging to pay his debts by giving over the lands of

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his limbs and left his body floating. At Hilo the party met but a poor reception. Here were Pi'opi'o, his wife Ma'alo, and other chiefs, but they gave nothing but cooked food, held onto their lands, and did not offer them to the king as was the custom . . . Boki gave the district of Hilo to the king to divide among his followers and thus uphold his dignity at this place, but the other chiefs were not pleased at Boki's action. The king went with his sister Harriet Nahi-ena'ena and others to pay his first visit to the volcano and spent the night at Wai'owe'owe' above 'Oma'olaulau some distance *maha* of Kapu'euhi. He was preceded, by two days, by a black man (*lascar*) by the name of Kinikona who had made an oath to leave his hair in the keeping of Pele and who had then joined the king's party.

Soon after the king's return to Oahu one of his ships, the *Mikapaka*, arrived from Borabora bringing home the high chief Ke-'aki-lawa, his wife Ka-hope-kahu, and a chief from Tahiti named Paraita, one of the company of Ta'i, grandfather of Ninito, who had given Tahiti to the French. The ship brought back coconut oil in barrels and bamboo joints, and many other valuables all of which were placed in the hands of Boki. Another of the king's ships, the *Ke-makole-lani* under Captain Paul Sumner, arrived with Carlos Maun, younger brother of Paula, who brought back another wife, a chiefess of the Wallis (Uvea) islands, a group situated near the cannibal islands of Fiji. The ship brought also the wife's parents and Lohi'au, former wife of Carlos Maun. This was the first time that any Wallis islanders had been seen in Hawaii. They appeared to be somewhat civilized as they wore dresses woven like cloth, and outside of their outer garment both men and women wore another reaching to the feet and gathered at the back. The little fingers of the hands were amputated. The ship also brought mother-of-pearl, sponges, sea shells, and many other articles of value for the king. The ship itself was condemned as unseaworthy, and a two-masted boat was constructed at Pakaka and turned over to Carlos Maun to return to the Wallis Islands, accompanied by some Hawaiians. There he was made ruler, but he made the people work too hard constructing forts and wooden houses for himself; and the chiefs and his father-in-law, William Ka-nu'au, who had come to Hawaii with him rose up and killed him and ten Hawaiians. . . .

When Ka'ahu-manu and the higher chiefs heard how Boki had divided up his lands in the district of Hilo among the chiefs and the king's men, they suspected him of conspiracy, for they held that the lands were really under their control. They therefore agreed not to hold the government responsible for debts contracted by him or Kaimi Liliia his wife, but to consider them his personal indebtedness. The old debts contracted in the time of Kamehameha I and II and those of the ruling