

FY 2006 Coral Reef Grant – Ulua Tagging Project, Neighbor Island Coordinator

April 1, 2007- September 30, 2007

During this reporting period, the Ulua Tagging Project, Neighbor Island Coordinator continued to assist the Hawaii Division of Aquatic Resources expand the project to neighbor islands by participating in state-wide fishing club meetings and tournaments and disseminating tagging kits to anglers and distributing HDAR tagging newsletters which provides commercial and recreational fishermen with information on the number of fish tagged, recaptured, days at liberty as well as growth between captures.

The Neighbor Island Coordinator also assisted HDAR staff in updating and maintaining the Ulua Tagging database, including data entry of information received from fishermen via data information cards and phone calls. When fish are tagged, information such as length, weight and capture location are recorded by the angler and submitted to HDAR. This information is then key-punched into a database along with the name, address and other contact information of each volunteer angler and the serial number of each individual tag issued to the angler. When tagged fish are recaptured, the information is again recorded in the database and used to generate summaries of growth, movement and other population parameters. Additionally, HDAR is now collecting information such as weather patterns, tide data, and other observations in order to identify patterns that may help indicate preferred environmental conditions/indicators for ulua species.

Fishermen who participate in the tagging program and tag or recapture fish are provided with reward items such as T-shirts, stickers and other prizes for participating. The Neighbor Island Coordinator assists HDAR in processing tagging information, verifying the identity of the angler and preparing and distributing reward packets. In addition, The Neighbor Island Coordinator assists HDAR in calculating the number of fish tagged by each individual angler. This information is listed in the Ulua Tagging Newsletter which provides a feedback mechanism to fishermen on how their information is being used by managers. (See attached Newsletter for 2007).

October 1, 2007- March 31, 2008

With funding provided by the CRFMPGP, the Council hired a contractor to be housed at State of Hawaii Department of Land and Natural Resources, Division of Aquatic Resources to assist with the Ulua Tagging Project. The project is a state-wide volunteer angler-based fish tagging program which utilizes fishermen to capture, tag and release species of carangid jacks commonly known in Hawaii as ulua or papio (juvenile). These species are a popular recreationally caught marine fish, however very little information is available regarding the status of these species. The program encourages fishermen participation in collecting vital information which assists fishery managers in understanding seasonal recruitment, growth rates, and movement patterns of these species. The primary tasks of the contractor was to assist the Hawaii Division of Aquatic Resources (HDAR) in their efforts to expand their Ulua Tagging Project to the islands of Hawaii, Maui, Kauai, Lanai and Molokai and assist in the analysis of mark/recapture data collected by fishermen.

Under this project, the Council supported travel the contractor to participate in fishing tournaments organized by fishing supply companies, fishing clubs and other organizations on the neighbor islands. The contractor distributed tagging kits, to major fishing and tackle stores, as well as DAR tagging newsletters providing commercial and recreational fishermen with information on the number of fish tagged, recaptured, days at liberty as well as growth between captures. Over the course of the project, a total of 75 *papio* tagging kits and 51 *ulua* tagging kits have been distributed to fishing tackle and supply stores in Hilo, Kona, Kailua-Kona, Kamuela, Wailuku, Lihue, and Kaunakakai.

In May 2006, the HDAR released its first technical report (No. 06-01) on the results of this project from 2000 through 2004. According to the report, the Ulua Tagging Program has recruited over 1,200 volunteer fishermen with 865 on Oahu, 60 on Kauai, 156 on Maui, and 166 on the Big Island. According to the report, over 22,000 fishes were tagged and a total of 2,900 fish recaptured (12.7%) with several individuals being recaptured on different islands.

With assistance of the Neighbor Island Coordinator, the Ulua Tagging Project has resulted in over 30,000 fish being tagged through December 2007 with approximately 3700 tagged on Hawaii Island (900 tagged in 2007), 5700 on Maui (460 tagged in 2007), 1000 on Kauai (218 tagged in 2007), 424 tagged on Molokai (21 tagged in 2007) 131 on Kahoolawe (14 tagged in 2007) and nearly 50 on Lanai (3 tagged in 2007).

In December 2006 a good friend of mine Kurt Kawamoto from NOAA Fisheries was bottomfishing 4 miles out of Waianae at night and captured some specimens of juvenile moi lili and goatfish when these came near the lights of their vessel (see photo). Note the interesting color pattern of the juvenile moi lili and oama in their pelagic stage.

When favorable conditions for currents, nutrients, and a good spawn exist, we have blooms in certain fish populations. Much like the aweoweo run in the summer of 2003, some of you may remember other blooms of fish in past years such as balloon fish, file fish, nehu, sardine, broomtail file fish, etc. This year it appears to be the year of the moi lili.



Moi lili and juvenile goatfish specimens note pelagic color pattern.

Photo by Kurt Kawamoto

Our nearshore waters are dependent upon favorable currents to transport larvae and nutrients to our islands that help nourish and replenish fish stocks (annual runs). The ocean rich currents around our islands bring life to our nearshore waters the same way rain brings life to our lands.

If you have seen unusual aquatics events such as the bloom of moi lili, aweoweo run etc., please let us know so that we can document these special occurrences and or events.

2006 Ulua Tagging Project Events

Statewide Ulua Tagging Challenge

We would like to thank Pacific Islands Fisheries Group (PIFG) for supporting and promoting tagging throughout the islands. In 2006 the PIFG group formed a partnership with various open shoreline tournaments statewide to sponsor a tagging category. The reason for sponsoring this category was to encourage tagging and reward tournament anglers for their tag and release efforts. Especially for those papio or ulua caught during tournaments that were not large enough to qualify for prizes. The tagging category also helped promote tagging project awareness statewide. Tournament sponsors felt this effort would help encourage anglers to conserve our resources. It is a win-win situation for everyone!

Tagging Category

At each tournament anglers were allowed to submit tagging data for up to 3 tagged papio/ulua. At the tournament weigh in angler names were put in for a random drawing for 3 places. We would like to thank Rodney Izuo for helping sponsor prizes for this category. We would also like to thank the following tournaments for their support:

S. Tokunaga Store Ulua Challenge, Hilo Casting Club Tournament, Pole Benda Invitational, Atlapac Weighmasters Tournament, Lihue Tackle Shop Tournament.

The names of all participating anglers from each tournament were put into a Grand Prize drawing. The winner received a beautiful koa framed gyotaku print donated by **Naoki "Catch of the Day"**. The print was made from a 40 pound ulua with an actual tag inserted in the print!



Howard and Darlene Yoshida receiving the PIFG Ulua tagging Challenge Award from our Mayor Mufi Hanneman. Photo by GT

Congratulations to the Grand Prizewinner of the Ulua Tagging Challenge **Howard Yoshida** from the Big Island! Both Howard and his wife Darlene flew to Oahu to receive the award from Mayor Mufi Hanneman on **October 8th at the "Hawaii Fishing and Seafood Festival"**. The event was co sponsored by PIFG and Hawaii Seafood Promotion.

Hawaii Fishing & Seafood Festival

The event was organized to bring all of Hawaii's fishing and seafood industries together. The event featured all sorts of fishing demo's and exhibits from the shoreline all the way to tour's on a longline vessel. Also present were government booths from National Oceanic and Atmospheric Administration (NOAA) and Department of Land and Natural Resources (DLNR). Representing the DLNR was a booth by Division of Conservation and Resource Enforcement (DOCARE) and the Division of Aquatic Resources (DAR) Ulua Tagging Project.

DAR's booth featured The Ulua Tagging Project and Tom Iwai from our Anuenue Fisheries Research Center's Moi stock enhancement project. Tom brought down a display tank that featured live tagged hatchery raised moi. Unfortunately we were not able to secure live papio for the display. All in all we had a great time and met many new people.



Big Mahalo to our volunteer taggers for taking the time to come out and help man our booth at the event. We would like to give special thanks to the following volunteers; John Kurahara, Ryan Olivares, Keith Sienkiewicz, Mark Rau, Alvin Shimizu, Norm Chun, Claire Borengasser and Keith Takemoto for a job well done! We appreciate their sacrifice and giving up a day of fishing to be a part of the event. They may not have fished that day, but they did manage to hook and land a total of 117 new taggers for our project. Awesome job!

Hawaii Fishing and Seafood Festival 2006 Photo by GT

Other 2006 Events

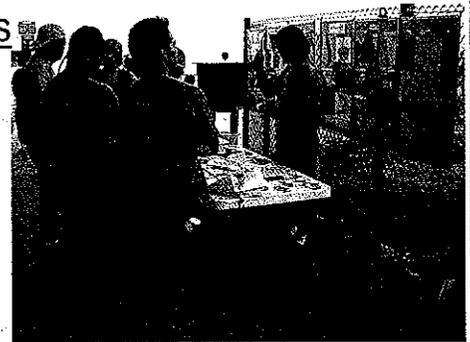
This year we were fortunate to have the opportunity to make more trips to the neighbor islands thanks to funding from the Western Pacific Fishery Management Council who generously contracted Richard Beebe to be our outreach and education specialist. At the events Richard instructed anglers on proper procedures to tag, measure, and release fish along with how to properly record tagging data. He also informed anglers about fishing rules and regulations. Some of you probably got to meet Richard at various tournaments and functions where we had our Ulua Tagging Project Display. We appreciate all of you who stopped by to check-out our display and those anglers who signed up to be volunteer taggers. We hope to see you next year at some of the tournaments.

Listed below are some of the activities of which we participated in this year. We would like to thank everyone for their hospitality and inviting us to be part of their event or function. Mahalo to all the sponsors!

Ulua Tagging Project List of Activities and Engagements

From January 2006 to present

- Feb. 2, 2006: *Presentation* - "North Shore Casting Club"
- Feb. 2006: *Presentation* - "Pearl City - Rotary Club"
- Feb. 6-7, 2006: *Display*- "Izuo Fishing Trade Show"
- Mar. 8, 2006: *Presentation* - "Sunrise - Rotary Club"
- April 21, 2006 *Display* - " Earth Day Molokai"
- April 22, 2006: *Display* - "Earth Day" at Waikiki Aquarium
- April 25, 2006: *School Display* (DLNR, Kalanimoku Bldg.)
- May 18-21, 2006: *Display*- "S.Tokunaga Shoreline Tournament."
- June 9-11, 2006: *Display* - "Pole Benda Invitational" Eddie Carvalho Jr.
- June 23-25, 2006 *Display* - "Atlapac Fishing Tournament"
- June 27, 2006 *Presentation* - "Moanalua High School Summer Fisheries and Resource Course"
- July 11-15, 2006 *Display* - "Hilo Casting Club" tournament
- July 22, 2006 *Display*- "Heeia Keiki Tournament"
- August 4, 2006 *Presentation* - "Honolulu Aquarium Society"
- August 13, 2006 *Display*- "Kaneohe Keiki Fishing Tournament"
- Sept. 17, 2006 *Display*- "Lihue Tackle Shop Tournament"
- Sept. 23-24, 2006 *Display* - " Hunting and Fishing Day"
- Oct 8, 2006 *Display*- " Hawaii Fishing and Seafood Festival"
- Oct. 26, 2006 *Presentation* - "Hawaii Action Team" NOAA (Nicole Bartlett)
- Nov. 4, 2006 *Presentation* - "Hawaii Aquatics Conference" (Kailua Kona)



2006 Waikiki Earth Day event at Waikiki Aquarium



Volunteer Tagger Glenn Oyamoto visited with us at the 2006 Lihue Tackle Tournament weigh-in.



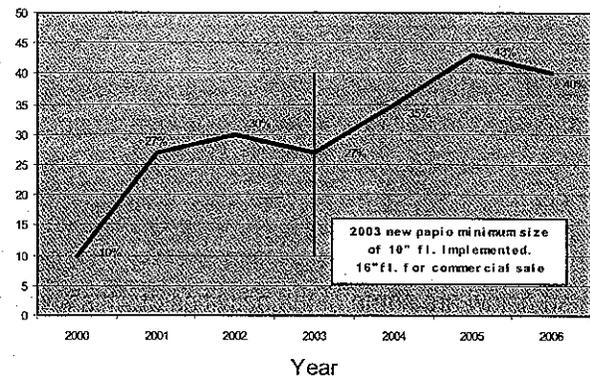
2006 S. Tokunaga Store Ulua Challenge

Tagging Trends

Larger Fish Being Tagged

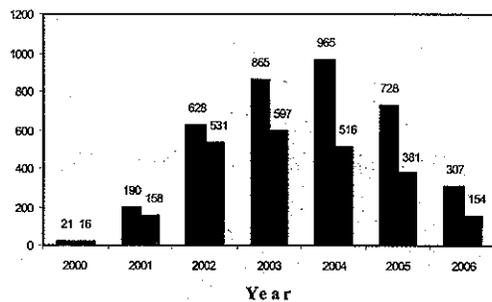
Over the years we have noticed that our taggers have been tagging more of the larger sized papio. Many of the papio tagged this year have ranged in size from 10" to 14" FL. This is great, since we have lacked tagging data on these bigger papio. From the start of this project we have seen a general trend where seasoned anglers are tagging larger fish each year. Great job!

Percent of Papio Tagged over 10" fl. per Year



More Tagged Fish Re-released

Total Number of Tag Recoveries & Re-releases per Year



■ Total Fish Recovered ■ Total Fish Recovered & Re-released

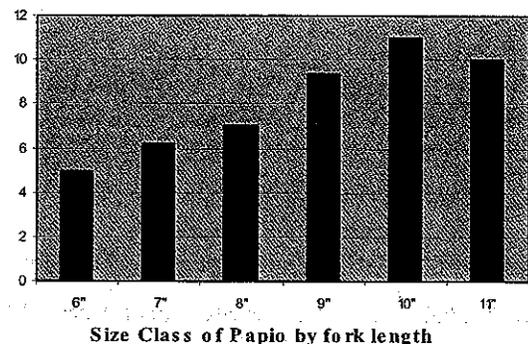
Not only have fishermen been tagging papio and ulua but they have also been re-releasing many of the tagged fish that they have been catching. **An average of 66% of all tagged fish recaptured have been reported and re-released.** Re-releasing tagged fish will give scientists more information by individual tracking the growth rates and movement of each fish which can be plotted over time with a number of re-releases. Even if you don't tag papio/ulua you can still help provide valuable information by reporting and re-releasing tagged papio/ulua. **The information that we need is the tag number, date captured, fork length (measurement from the nose to the V in the tail), time, and location of recapture.** We have had a few fish that have been recovered and re-released up to 5 times! There are many other tagged papio/ulua that have been re-released

Higher Recovery Rates for Larger Sized Tagged Papio

Since October of 2006 the data has shown a good number of papio recruits being tagged between 6" to 7" fork length. This seems to be the second recruit class for the year. **(If possible we would like to ask all of our taggers to refrain from tagging papio smaller than 7" fl. This is because upon analyzing our recovery data we find that papio smaller than 7" fl. show a lower percentage of recovery rates.** Remember to tag only strong healthy papio to improve survival rates.

If current trends continue through 2007 we could end the year with a bang especially if the smaller papio stick around. This could mean a good run of 10" to 12" papio this coming summer.

Percentage Rate of Papio Recaptured by Size Class as of 2006



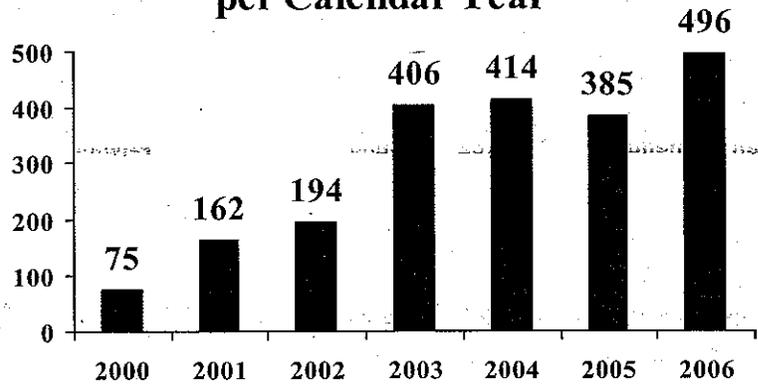
DA LIST!

"Da List"

Da List is back and growing! As we did last year we have printed the lifetime tagging totals for each angler that has tagged papio/ulua. This year we have calculated angler tag totals till the end of the year 12/31/2006. Along with each anglers tagging totals is the island from which they reside. We hope that we have reflected the individual tagging totals as accurately as possible. We apologize if we have missed any of our angler's name and totals. Remember each and every tag counts. Great job and keep up the good work!

Angler Categories	No. of Fish Tagged
Extreme Tagger	1,000 +
Master	300 to 999
Platinum Division	100 to 299
Gold Division	20 to 99
Silver Division	5 to 19
Bronze Division	1 to 4

New Volunteer Anglers Recruited per Calendar Year



EXTREME TAGGERS! (1,000 + Fish Tagged)

Hooheho Furushima	2,099	Oahu
Bob Takeuchi	1,662	Oahu
Edwin Fukuchi	1,522	Oahu
Capt. Jeff Rogers	1,238	Hawaii
Owen Barbee	1,238	Oahu

Charter Fleet

Capt. Jeff Rogers	1,238	Hawaii
Shane Sinclair	363	Maui
Capt. Guy Terwilliger	85	Hawaii
Capt. Clay Ching	65	Molokai

Capt. Chuck Wigzell	27	Hawaii
Capt. Dale Leverone	20	Hawaii
Capt. Tad Luckey	15	Maui
Capt. Paul Peretti	14	Kauai
Katie Conlan	10	Hawaii

Commercial Fishers

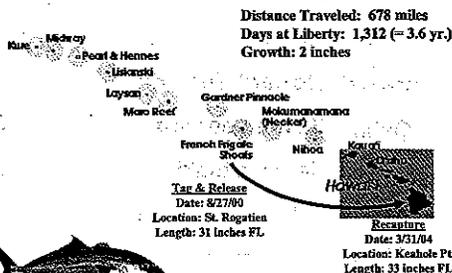
Capt. Gary Dill	136	NWHI/ MHI
Capt. Silas Naig	133	NWHI/MHI
Capt. Ed Timoney	123	NWHI
Capt. Bill Strickland	58	NWHI
Capt. Kenneth Corder	55	Molokai
Capt. Guy Ohara	38	NWHI
Capt. Jeff Walker	9	Hawaii

MASTER TAGGERS (300 to 999 Fish Tagged)



808 Mr. Papio	306	Hawaii
Derrick Fukushima	396	Maui
Edwin Watanabe	516	Oahu
Floyd Otani	479	Oahu
Jesse Haake	468	Maui
Joe Manaois	821	Maui
Jonathan N. Juan	380	Oahu
Keoni Walters	341	Hawaii
Kiki Ting	405	Maui
Kyle I. Nishioka	329	Oahu
Layne Nakagawa	801	Maui
Race Hozaki	446	Maui
Robert Kikuta	323	Oahu
Roy K. Nihoa	330	Oahu
Ryan Koshi	457	Maui
Shane Sinclair	363	Maui
Unhwa	581	Oahu

Inter-island Movement



Longest Distance Traveled

A Kahala originally tagged by F/V "Kaimi Kai" Capt. Guy Ohara, NWHI commercial bottomfisher at St. Rogation Bank and recaptured off of Kailua-Kona.

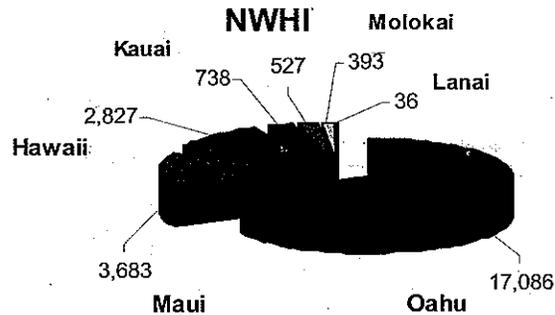


DA LIST!

Platinum Division (100 to 299 Fish Tagged)



Total Number of Fish Tagged per Island as of 12/31/2006



Alan Komagome	125	Oahu
Brealand Tam	111	Oahu
Brian Cornelius	182	Oahu
Clay Tam	265	Oahu
Don Saito Jr.	228	Maui
Edward Ohye	100	Oahu
Glenn Oyamot	249	Kauai
Henry Chinen	188	Maui
Joey Otani	120	Oahu
Joseph Carvalho Jr.	101	Maui
Keith Caldwell	142	Hawaii
Kelsey Ishizaki	161	Oahu
Makoto Toya	126	Oahu
Marcus Kaya	115	Oahu
Mark Takahara	124	Oahu
Miles King	242	Oahu
Paul & Nelson Nagamine	250	Oahu
Paul Murakawa	277	Oahu
Paul Yokoyama	149	Oahu
Phillip Munos	102	Oahu
Ross Tanoue	283	Oahu
Thomas Chow	119	Oahu
Tracy Tanaka	119	Oahu
Yutaka Chino	132	Oahu

GOLD Division (20 to 99 Fish)



Alan Mau	33	Oahu
Albert Cabatingan	43	Oahu
Alvin Naguwa	63	Oahu
Alvin Shimizu	28	Oahu
Arnold Lum	85	Oahu
Asa K. Kaulia	47	Oahu

Benjamin Fairbanks	22	Oahu	Derik Shogo Yoshimura	63	Oahu
Bob Takeo	40	Molokai	Doug Lum	42	Oahu
Brandon P. Fernandez	43	Oahu	Elden Doi	73	Oahu
Brandon Letoto	21	Oahu	Eric Kanemura	39	Oahu
Brent Duhaylongsod	90	Hawaii	Eric Kemper	32	Oahu
Brian Choy	27	Oahu	Eric Magarifuji	39	Maui
Brian T. Nakagawa	42	Oahu	Eric Tsukamoto	23	Oahu
Bryce Hanada	41	Maui	Eric Uchida	20	Oahu
Chad Rudias	50	Maui	Felipe Manangan	25	Oahu
Charlie Duvall	26	Oahu	Fred Nakagume	20	Oahu
Chris Gerken	28	Hawaii	Fumiya Nakano	28	Oahu
Corwin Tam	62	Oahu	Gary Kurosu	49	Oahu
Craig Moy	62	Oahu	Gavin Isobe	22	Maui
Dalton Wong	28	Oahu	Glenn & Isaiah Yamamoto	38	Oahu
Danny Hashimoto	57	Maui	Glenn Sakai	21	Oahu
DAR / AFRC Tom Iwai	41	Oahu	Glenn Yamamoto	55	Oahu
Darryl Arizo	20	Oahu	Greg Honbo	21	Oahu
Daryle Quitzol	36	Oahu	Guy Seiki	24	Maui
Daryn Kurosu	60	Oahu	Harriet Kahihikolo	40	Oahu
David Auld	46	Hawaii	Hoapili Dukelow	20	Maui
David Kira	30	Oahu	Howard Yoshida	42	Hawaii
David Nonod	40	Molokai	Jason Leonard	32	Oahu
David Williams	25	Oahu	Jason Misaki	29	Molokai
Davin Pang	33	Oahu	Jeffrey L. Mullins	33	Oahu
Dean Tokishi (KIRC)	86	Maui	Jennifer Dela Cruz	63	Oahu
Dennis Kelash	29	Oahu			
Derek Tsunehiro	75	Oahu			

DA LIST!**GOLD Division**
(20 to 99 Fish Tagged)

			Rody Dasalla	32	Hawaii	Alika Kahananui	5	Oahu
			Rory Kurosu	35	Oahu	Alika Sarne	15	Oahu
			Rosten Murakami	27	Oahu	Allen Aoki	17	Oahu
Jerek Jong	20	Oahu	Scott Oshiro	23	Hawaii	Anson Ichiyama	14	Oahu
Joe Arceneaux "PIRO"	38	NWHI	Sean Jensen	37	Hawaii	Anthony Lau	18	Oahu
Joe Naki Jr	63	Maui	Sean Niesz	30	Oahu	Arnel Data	9	Oahu
Joe Randall	33	Oahu	Sean Yamamoto	57	Oahu	Austin Eguires	11	Oahu
John A. Bellino	46	Oahu	Shaun Hayashida	22	Oahu	Barry Hattori	41	Oahu
John Kurahara	26	Oahu	Shaun Ribao	43	Maui	Ben Lara	5	Oahu
Jon Ciacci	20	Maui	Shawn Murukawa	30	Oahu	Bernard Lum Hoy	8	Oahu
Justin Yamagata	83	Kauai	Shayvis Kane	28	Oahu	Bernice Kaneshiro	5	Oahu
Kahana G.T. Itozaki	20	Hawaii	Shiloh K. Poopaa-Kuehu	36	Oahu	Bert Oshiro	5	Oahu
Keith Nakai	83	Oahu	Skyle Shimizu	34	Oahu	Brandon Goo	5	Oahu
Keith Robinson	46	Hawaii	Stanford Iyechad	74	Oahu	Brandon Shin	8	Maui
Ken Kamikawa	29	Oahu	Steve Huynh	56	Oahu	Brennan Hozaki	7	Maui
Keoni Isagawa	33	Oahu	Steve Kaneko	85	Oahu	Brent Robinson	17	Oahu
Kirk Murakami	69	Oahu	Steve Maeda	47	Oahu	Bruce Anderson	11	Oahu
Kris Giullermo	45	Hawaii	Steve Miwa	61	Oahu	Bruce Nagel	15	Oahu
Kurt Kawamoto	35	Oahu	Steve Sakaguchi	23	Oahu	Bruce Nakamoto	7	Oahu
Kydd Pollock	61	Hawaii	Team P.O.P.	29	Oahu	Bryan Akui	5	Oahu
Kyle Horimoto	33	Oahu	Terrence Fong	23	Oahu	Bryan Yoshida	17	Hawaii
Larren Tang	68	Oahu	Todd Hamamoto	71	Oahu	Bryson Wong	5	Oahu
Lester Lee	23	Oahu	Tracy Tatemichi	50	Oahu	Bull Dela Cruz	6	Molokai
Mark Gonsalves	68	Oahu	Tyler H. Nishioka	44	Oahu	Christian Damo	17	Oahu
Mary Camanse	20	Maui	Vincent Ogino	21	Oahu	Chuck Pezzillo	6	Maui
Michael & Kyle Roche	25	Oahu	Wayne Dang	25	Oahu	Cory Asato	17	Oahu
Michael Horii	71	Oahu	Wes Masuda	79	Oahu	Craig Ishizaki	15	Oahu
Michael Okuda	26	Oahu	Wesley Sawamura	35	Oahu	Craig Sato	12	Oahu
Michael Sakoda	62	Oahu	William Kennedy Jr.	31	Hawaii	Cullen Tsukimura	15	Oahu
Michael Wong	22	Oahu	Ziggy Muramoto	65	Oahu	Curtis Ginoza	13	Oahu
Mike Raphyen	21	Oahu				Cy Otsuka	7	Oahu
Milton Kinoshita	43	Maui				Dale Tomei	5	Oahu
Mitchell Taketa	29	Oahu				Danny Kimura	13	Oahu
Nathan Gima	30	Oahu				Darrell Asato	6	Oahu
Neil Kanemoto	36	Oahu	Aaron Chock	13	Oahu	Dave Furushima	5	Oahu
Nick Morris	52	Oahu	Agapito Mendoza	5	Oahu	Dave Ota	6	Oahu
Patrick Conley	32	Kauai	Akio Yoshiki	16	Oahu	David Aoki	13	Oahu
Ray Chun	51	Oahu	Alan Chang	13	Oahu	David Honma	7	Kauai
Robert Hironaka	71	Oahu	Alana Makana	8	Oahu	David Nottage	13	Oahu
Rodney Young	58	Oahu	Alex Gerken	10	Hawaii	Dean Kitamura	8	Molokai

Silver Division

(5 to 19 Fish Tagged)



DA LIST!

Silver Division (5 to 19 Fish Tagged)



			Jaron Bolosan	17	Oahu	Maui Ocean Center	9	Maui
			Jarrett N. Gabriel	7	Oahu	Max Bonk	11	Hawaii
			Jason Fujikawa	9	Oahu	Merril DeMello	15	Hawaii
Dean Shiota	12	Oahu	Jay Tabil	15	Hawaii	Michael Chun	8	Oahu
Denis Yamada	15	Hawaii	Jeff Irons	13	Kauai	Michael Hironaka	6	Oahu
Dennis Kamikawa	11	Oahu	Jeff Muir	9	Oahu	Michael Macalma	18	Oahu
Derrick Chun	10	Oahu	Jeffrey Fujii	7	Oahu	Michael Sueoka	17	Maui
Derrick Kameoka	13	Oahu	Jerry Nishihara	6	Kauai	Mike Bailey	5	Kauai
Des Matsuno	8	Oahu	Jerry Okada	7	Hawaii	Mike Sabate	18	Oahu
Dickie Tollefson	5	Molokai	Jesse Yonover	5	Oahu	Monroe Bryce	10	Maui
Dillion Wier	7	Oahu	John Fujiyama	10	Maui	Nathan Ching	17	Oahu
Dominic Bareng	6	Oahu	John Kamanuwai	18	Oahu	Nelson Aberilla	18	Oahu
Don Sakaguchi	6	Oahu	John Nonaka	8	Oahu	Patrick A. Noneza	8	Maui
Donald Castro	13	Oahu	Jon Kobashigawa	5	Oahu	Paul Chong	10	Oahu
Donevan Hao	7	Oahu	Justin Fukumoto	8	Oahu	Paul Ishikuro	8	Hawaii
Dustin Lopiccolo	11	Oahu	Kaholo Faulkner	18	Oahu	Paul Kuromoto	7	Oahu
Edmund Kawasaki	6	Oahu	Kala Clark	5	Oahu	Phil Sobrado	9	Oahu
Edward Tamai	11	Oahu	Katie Conlan	10	Hawaii	Phillip & Phlynn Pennington	11	Oahu
Elliot Aki	8	Oahu	Kawika Medrano	12	Maui	Randall Sakai	11	Oahu
Emmett Murphy	6	Oahu	Keith Kanuha	5	Molokai	Randy Honebrink	14	Oahu
Eric Honma	14	Kauai	Kelvin H. Otaguro	9	Oahu	Richard A. Beebe	8	Oahu
Eric Sangel	18	Oahu	Kenneth Gramberg	8	Oahu	Richard M. Taga	16	Hawaii
Ester Sasaki	11	Kauai	Kenneth R. Pineheiro	13	Maui	Richard Masicampo	18	Lanai
Garett Miyagawa	10	Maui	Keone Glory	9	Hawaii	Richard Sloggett	9	Kauai
Garrett Brown	11	Oahu	Kevin Fujita	9	Oahu	Rick Gaffney	5	Hawaii
Gilbert Hun	6	Oahu	Kevin Ishikawa	7	Oahu	Rita M. Palafox	15	Oahu
Glen Okura	10	Oahu	Kevin Kochi	6	Maui	Robin Koyama	10	Hawaii
Glenn Oshiro	10	Oahu	Kurt Lum	13	Oahu	Rocky Ishibashi	6	Hawaii
Greg & Lisa Ishikawa	5	Oahu	Kyle Hanagami	5	Hawaii	Roger Yamane	10	Oahu
Greg Ing	12	Maui	Kyle Narimasu	19	Hawaii	Roland Pacheco	6	Hawaii
Gregory Nada	11	Oahu	Lance Nishiura	14	Hawaii	Ronald Shiroma	10	Oahu
Gregory Terry	5	Oahu	Leonaka Mercurio	15	Oahu	Rory Day	14	Maui
Hansley Lau	5	Oahu	Les Goya	18	Oahu	Ryan Chun	8	Hawaii
Harold Tom	7	Oahu	Lloyd Ganot	11	Oahu	Ryan Moriguchi	8	Oahu
Haydn L. Kam	14	Oahu	Major Cockett	5	Maui	Ryan Oishi	7	Oahu
Ian Higa	16	Oahu	Marc Kawamoto	5	Oahu	Ryan Olivares	12	Oahu
Ian Tominaga	13	Oahu	Marc Mizumoto	16	Oahu	Scott Bulacan	11	Oahu
James E. Mapa Jr	13	Oahu	Mari Kuboyama	7	Oahu	Scott Shimabukuro	13	Oahu
Jane Harada	6	Oahu	Mathew Kailio	6	Oahu	Scott Shoda	7	Oahu
Jared Say	8	Oahu	Matt Okahata	7	Oahu	Scott Taba	5	Oahu

DA LIST!**Silver Division**
(5 to 19 Fish Tagged)

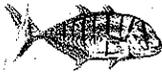
			Allan Yoshimoto	1	Oahu	Clayton Delos Santos	3	Maui
			Alli Akiona	2	Oahu	Clayton E. Gueco	1	Oahu
			Andrew Fukuba	3	Oahu	Clayton Yee	1	Oahu
Sean Benzine	7	Kauai	Andrew Okimoto	3	Maui	Clifford Ho	2	Oahu
Sean Sackett	9	Oahu	Andrew Park Sr.	3	Maui	Cody Mattos	1	Hawaii
Shaira Salvador	8	Oahu	Annette Tagawa	1	Oahu	Connor Dray	4	Oahu
Shawn Arakawa	5	Oahu	Austyn Kometani	1	Oahu	Corey Chun	3	Oahu
Shazdon Tacub	15	Oahu	Barry Sweet	3	Oahu	Coty Nakagawa	3	Maui
Sky Harris	10	Hawaii	Barry Takahashi	3	Oahu	Craig Matayoshi	3	Oahu
Steve Rapoza	5	Oahu	Blake Kushima	1	Oahu	Dakota Benzine	1	Kauai
Steve Reezes	7	Oahu	Brad Apo	3	Maui	Dale Tatemichi	1	Oahu
Steven Fukuda	13	Oahu	Brad Titus	2	Kauai	Dane Christensen	2	Oahu
Steven Heusser	5	Hawaii	Brandon Nakashima	2	Oahu	Dane Okabe	1	Oahu
Steven In	11	Oahu	Brandon Riley	3	Maui	Darren Nakamura	3	Oahu
Steven T. Oka	5	Oahu	Brandon Rosa	1	Oahu	Darren Park	1	Oahu
Stuart Biley	9	Oahu	Brandon Shitagi	1	Oahu	Darren Toyofuku	3	Kauai
Taryn Honma	19	Kauai	Brandon Tojo	3	Oahu	Darrick Iida	1	Hawaii
Thomas Schab	6	Oahu	Brent Graham	3	Oahu	Darrin Moon	3	Oahu
Thomas Y. Mckeown	12	Oahu	Brent Yamamoto	2	Maui	Dayton Wong	3	Molokai
Tracy Kubota	6	Oahu	Brett Fee	4	Oahu	Dean Kanuha	3	Oahu
Ty Takata	9	Oahu	Brian Akui	2	Oahu	Dean Tateyama	3	Oahu
Uyeda Brothers	16	Oahu	Brian Fernandez	1	Oahu	Del Saldajeno	4	Oahu
Verne Murakami	16	Oahu	Brian Funai	1	Oahu	Dennis Goo	3	Oahu
Wayne Sunouchi	9	Oahu	Brian Kimata	4	Oahu	Dennis Letrate	3	Oahu
Wayne Watanabe	9	Oahu	Brian Matsuno	1	Maui	Derek Ah Quin	1	Oahu
Wendell Kitsu	17	Oahu	Brian Sagawinit	1	Oahu	Derek Inaba	3	Hawaii
Wes Chang	11	Oahu	Brian Tachibana	4	Molokai	Derek Lau	2	Oahu
Wyatt Kanuha	13	Oahu	Brice Hara	2	Oahu	Derick Kim	3	Oahu
Xavier G. Sawa	17	Oahu	Bryan Oasay	3	Oahu	Dodge Watson	2	Oahu

Bronze Division
(1 to 4 Fish Tagged)

			Capt. Paul King	2	Maui	Donovan Keaulani	2	Oahu
			Carlene Nakamoto	1	Oahu	Duane Fukumoto	3	Oahu
			Chad Hanoa	3	Oahu	Dustin Lau	2	Oahu
Aaron Garcia	3	Maui	Chad Yamashiro	3	Oahu	Dwayne Mendoza	3	Oahu
Aaron K. Yamanaka	2	Hawaii	Chip Fogg	3	Oahu	Dwight Tanaka	3	Oahu
Aaron Takeuchi	3	Oahu	Chris Devera	2	Oahu	Dylan Komesu	1	Oahu
Adam Chang	3	Oahu	Chris Kadooka	3	Hawaii	Ed Tompkins	3	Oahu
Adriane Boone	2	Hawaii	Chris Ohta	2	Oahu	Eddie Carvalho	3	Hawaii
Alan Kaya	3	Oahu	Christian DiIullo	3	Oahu	Eddie Kishimoto	3	Oahu
Alex Ewart	3	Oahu	Christopher Hook	3	Maui	Eduardo Abellana	1	Oahu

DA LIST!

Bronze Division (1 to 4 Fish Tagged)



Edward J. Nelson	3	Oahu	James Inouye	3	Oahu	Kekai Edens	3	Kauai
Edward Pieters	3	Oahu	James Jackson	1	Oahu	Kelvin Ching	3	Oahu
Elgin Erdmann	3	Oahu	James Kula	3	Oahu	Ken Kawano	4	Oahu
Elijah Nelson	1	Oahu	James P. Bolilan	3	Oahu	Kendall Wong	4	Oahu
Elliot A. Kauai	3	Kauai	Jared Fujisaki	2	Hawaii	Kent Asato	1	Oahu
Eloise Tanoye	1	Oahu	Jason Fukumoto	3	Oahu	Kent Lindsey	2	Hawaii
Emerson Sangel	3	Oahu	Jason Gamiao	3	Molokai	Kent Nishioka	4	Kauai
Eri Hayakawa	1	Oahu	Jason Shiroma	1	Oahu	Kent Yamashita	2	Hawaii
Eric Okamoto	3	Oahu	Jason Yanase	1	Oahu	Kevin Akamine	1	Oahu
Eric Thomas Carbonell	1	Maui	Jed Shibata	2	Oahu	Kevin Faucheux	4	Oahu
Ernesto V. Cachero	4	Oahu	Jeff Moore	2	Oahu	Kevin Higashi	3	Oahu
Fely Abut	1	Oahu	Jeff Pollack	2	Maui	Kevin Kawane	3	Kauai
Fermin Baguio Jr.	2	Oahu	Jeff Tokunaga	3	Oahu	Kevin Kuwaye	3	Oahu
Francis Ganitano	1	Oahu	Jeremy Nakamura	1	Oahu	Kevin Muranaka	3	Oahu
Frolian Cayco	1	Oahu	Jesen Cayan	3	Hawaii	Kevin Nishimoto	1	Maui
Gabi Hollinger	1	Oahu	Jesse Funai	1	Oahu	Kimiya Nakano	1	Oahu
Galen Yoshino	3	Oahu	Jim Bell	4	Oahu	Kimo Abreu	2	Maui
Garrick Kanemitsu	1	Hawaii	Jim Bergstrom	1	Oahu	Kimo Geseke	1	Oahu
Garrison Gorai	4	Oahu	Joe Seifried	3	Hawaii	Kimo Smith	1	Oahu
Gary Kaneshiro	3	Oahu	Joel Yap	3	Oahu	Kirby Chang	3	Oahu
Gay Korenaga	3	Oahu	John Planas	3	Kauai	Kirk Togashi	3	Oahu
Gaylyn Kanada	2	Oahu	Jon Chee	1	Oahu	Kolu Hashimoto	1	Oahu
George Kea	3	Oahu	Jonathan Moribe	3	Oahu	Kyle Lum	3	Maui
George Kuramoto	2	Oahu	Jordan Kaholoa'a	1	Hawaii	Kyle Sparks	1	Maui
George Yanagi	4	Oahu	Jose Ramirez	1	Oahu	Lance Uchima	3	Oahu
Gilbert Nakama	1	Oahu	Joselito Macabante	3	Oahu	Larry Southerland	1	Hawaii
Glenn Ishizaki	1	Oahu	Joseph Sanchez	3	Oahu	Lauri Abe	1	Oahu
Gloria Kanemoto	1	Oahu	Joshua Reynolds	2	Oahu	Lawrence Yasumura	2	Oahu
Hayden Ferris	3	Oahu	Josiah Nelson	1	Oahu	Lon Tanigawa	1	Oahu
Henry Cabanoc	3	Oahu	Joy Shitabata	2	Oahu	Lucy Acain	1	Oahu
Henry Lau	3	Maui	Joyce Hiyane	3	Hawaii	Lyle Arakaki	1	Oahu
Henry Matsuo	1	Oahu	Jun Kadena	3	Oahu	Lyle Fong	3	Oahu
Holly Oakes	1	Oahu	Junior Tavale	1	Oahu	Maluhia Riley	3	Maui
Ian Williams	1	Oahu	Justin K. Morikawa	3	Kauai	Marc Spatz	1	Hawaii
Imiola Akutagawa	3	Molokai	Karl Kremeyer	2	Maui	Marcus Antonius	4	Molokai
Irene Matsuno	3	Maui	Karl Murai	3	Oahu	Mark Ishiki	1	Kauai
Jaime Garbo	1	Oahu	Kealoha Martin	3	Hawaii	Mark Ling	3	Oahu
			Keith Shishido	1	Oahu	Mark Nagamine	3	Molokai
			Keith Sienkiewickz	1	Oahu	Mark White	2	Kauai
			Kekahi Arakaki	3	Oahu	Marrissa Namihara	1	Oahu

DA LIST!

Bronze Division								
(1 to 4 Fish Tagged)								
Marshall Sacpanio-Baisa	3	Maui	NMEA - Dawn Miller	2	Maui	Ryan Tamaru	3	Oahu
Martin Karwowski	1	Oahu	NMEA - Eileen Schock	2	Maui	Rylen Kuboyar na	1	Oahu
Martin Romero	1	Hawaii	NMEA - Jeff Pollack	2	Maui	Sang Che Siou	1	Oahu
Marvin Manjiu	2	Oahu	NMEA - Rick Sewell	2	Maui	Scott Akamine	3	Oahu
Mathew Choy	3	Oahu	NMEA - Sue Sewell	2	Maui	Scott K. Yee	3	Oahu
Mathew Gorman	3	Maui	Nolan Omura	1	Oahu	Scott Kira	1	Oahu
Matt Comstock	1	Hawaii	Nolan Silva	4	Oahu	Scott Oshiro	3	Oahu
Matt Kimura	1	Oahu	Norm Chun	3	Oahu	Seth Frasier	1	Oahu
Mauricio Estcada	1	Maui	Onofre Abad	2	Oahu	Shane Shimamoto	3	Oahu
Maxie Ouitog	1	Oahu	Paka Largusa	3	Maui	Shannon Puaoi-Nava's	4	Molokai
May Okihiro	2	Oahu	Patrick Augustus	3	Oahu	Shaun Gomban	3	Oahu
Melissa & Robert Bihm	3	Kauai	Patrick K Cosmo Jr	3	Maui	Shaunne H. Souza	2	Kauai
Melvin Ikegami	3	Oahu	Paul Okouchi	2	Oahu	Shellee Suzuki	3	Oahu
Melvin Tam	3	Oahu	Paul Tojo	4	Oahu	Sherman Warner	4	Hawaii
Michael & Kyong McGiven	2	Oahu	Paul Vidinha	3	Kauai	Shirley Fernandez	3	Kauai
Michael Chang	1	Oahu	Paul Yasho	3	Maui	Sidney Baba	2	Oahu
Michael Donahue	3	Maui	Phillip Ongjoco	1	Oahu	Silverio Habon Jr.	3	Molokai
Michael Dowsett	2	Oahu	Primo	1	Oahu	Sonia Dorsey	3	Oahu
Michael Esona	3	Kauai	Priscilla Banis	2	Oahu	Stan Fujishino	3	Maui
Michael Fujii	3	Oahu	R.J. Galanto	3	Oahu	Stanley Wolshin	3	Kauai
Michael Jones	4	Oahu	Ralden Chang	3	Oahu	Stefan Riedel	4	Oahu
Michael Stock	1	Oahu	Reef Migita	3	Oahu	Stephen Chun	3	Oahu
Michael Tanoue	1	Oahu	Reid Nishioka	3	Oahu	Steve Erger	3	Hawaii
Michelle Clarabal	3	Lanai	Renee Morioka	1	Oahu	Steve Kwiat	3	Oahu
Mike & Terri OTS	3	Oahu	Rey Damo	2	Oahu	Steven Esona	3	Oahu
Mike Chalker	3	Oahu	Richard Wong	2	Oahu	Stewart Ooka	3	Oahu
Mike Napier	3	Maui	Richard Young	2	Oahu	Tani Tanoye	1	Oahu
Mundo Pacheco	1	Oahu	Robert Madrigal	1	Hawaii	Tim Morales	1	Oahu
Nate Garcia	1	Oahu	Robert Miguel	4	Oahu	Todd Balicki	1	Oahu
Neal Gima	3	Oahu	Roger Soria	1	Oahu	Todd Fuchigami	2	Oahu
Neal Hazama	1	Oahu	Ron Langley	1	Hawaii	Todd Onizuka	3	Oahu
Neil Sumimotot	1	Oahu	Ross Ohta	3	Hawaii	Tom Mori	1	Oahu
Nick Foth	1	Oahu	Ross Yamamoto	3	Maui	Travis Ikeda	3	Maui
Nick Foti	3	Oahu	Roxanne Yu & Thomas Somermeier	3	Maui	Travis Niederhauser	3	Oahu
Nickolas Iwamoto	2	Oahu	Roy Morioka	2	Oahu	Troy Camara	1	Oahu
Nicolai Barca	3	Oahu	Roy Murakami	2	Oahu	Troy Haspe	4	Hawaii
NMEA - Dan Van Ravenswaay	2	Oahu	Russ Miya	2	Oahu	Tyler Gerken	3	Hawaii
			Ryan Holderbaum	3	Oahu	Tyson K. Pagaduan	3	Maui
			Ryan Kurosu	1	Oahu	Urania Kahookele	1	Oahu
			Ryan Pearson	3	Oahu	Val Choy Foo	1	Oahu

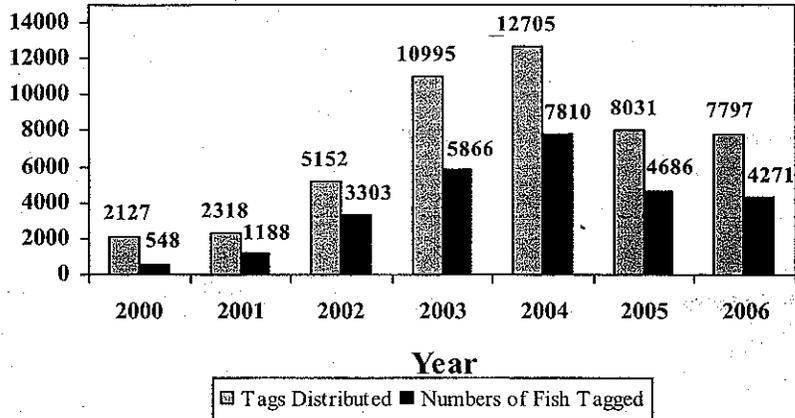
DA LIST!

Bronze Division (1 to 4 Fish Tagged)



Vincent Wong	1	Oahu
Wade Ferreira	1	Hawaii
Wade Takahashi	3	Maui
Walter Omori	3	Oahu
Wayne Kuwana	3	Hawaii
Wayne S. Kihara	3	Oahu
Wendell C. Meier	2	Oahu
Wendell Wong	1	Oahu
Wes Yamamoto	3	Hawaii
Wesley Mark	1	Hawaii
William Kennedy III	2	Hawaii
William King	2	Oahu
William Novida	3	Oahu
William Yung	1	Oahu
Won Garcia	4	Molokai

Tag Distribution and Numbers of Fish Tagged by Calendar Year



Kewalo Keiki Fishing Conservancy KKFC



KKFC - Alan Omura	1	Oahu
KKFC - Art Sabo	7	Oahu
KKFC - Brandon	1	Oahu
KKFC - Bryce	2	Oahu
KKFC - Bryson Tanicala	2	Oahu
KKFC - Corbin Morisada	16	Oahu
KKFC - Darin Miyamoto	1	Oahu
KKFC - Dave	5	Oahu
KKFC - Gavin Morisada	55	Oahu
KKFC - George Morisada	30	Oahu
KKFC - Jason Shitanishi	3	Oahu
KKFC - Jenna Okazaki	2	Oahu
KKFC - John Ide	3	Oahu
KKFC - Joshua Hari-moto	2	Oahu
KKFC - Kailee Mitsuyasu	3	Oahu
KKFC - Kalei Kaaiai	6	Oahu
KKFC - Keila	2	Oahu
KKFC - Kenny	2	Oahu
KKFC - Keo Owens	4	Oahu
KKFC - Kevin Akamine	1	Oahu
KKFC - Leighland Tagawa	15	Oahu
KKFC - Lily Ahuna-Kaaiai	1	Oahu
KKFC - Mathew Kimura	2	Oahu
KKFC - Nick Pfeiffer	2	Oahu
KKFC - Nickolas Iwamoto	3	Oahu
KKFC - Olivia	2	Oahu
KKFC - Paige Omura	7	Oahu
KKFC - Pat Yamamoto	3	Oahu
KKFC - Pono Keni	1	Oahu
KKFC - R. Tanaka	1	Oahu
KKFC - Raymie	1	Oahu
KKFC - Reece Mitsuyasu	7	Oahu
KKFC - Reyn Shitamshi	1	Oahu
KKFC - Rod Kimura	1	Oahu
KKFC - Sarah Chee	1	Oahu
KKFC - Thomas Morisada	27	Oahu
KKFC - Tiffany Hayler	2	Oahu
KKFC - Tony Buston	1	Oahu
KKFC - Tony Gentio	6	Oahu
KKFC - Tyler	1	Oahu
KKFC - Volunteer Staff	123	Oahu

Hanapaa!



Dakota Benzine from Kauai proudly holds his first tagged papio prior to releasing. Dad Sean Benzine has been an avid tagger and is now teaching his son to tag. Way to go, all in the family!

Photo by Sean Benzine

* All ulua/papio tagged by KKFC was done between 1/1/2005 to 6/1/2005. Thanks to all to the keiki's and volunteers who contributed their time in making this project a great educational success!

Mahalo to all Hawaii Anglers for your support!

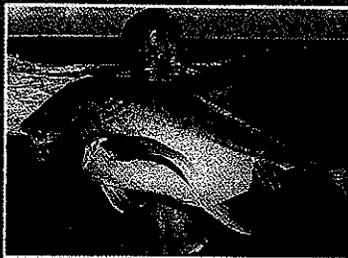
Total Number of Fish Tagged as of 12/31/2006

Species	Number of Fish Tagged	Size Ranges Tagged (Fork Length inches)	Number of Fish Recovered
 Omilu (Bluefin Trevally)	15,813	4 to 40	2,465
 White	7,532	4.5 to 58.5	842
 Kahala	2,109	6 to 65	190
 Menpachi (Bigeye)	623	6 to 26.1	43
 Papa (Yellowspot)	473	6.5 to 26.5	23
 Butaguchi	152	9.5 to 36.5	0
 Barred Jack (Ferdau)	115	5.75 to 21	28
 Paopao (Golden Trevally)	69	6 to 21	19
 Kagami	41	3.75 to 32	2
 Dobe	26	9.5 to 13	0
 Gungkan (Black ulua)	5	10.75 to 34.5	0
Misc. Jacks	469	6.75 to 24.5	40

Total Fish Tagged: 27,427

**Total Fish Recovered
As of 12/31/2006**

**3,652
(=13.3%)**



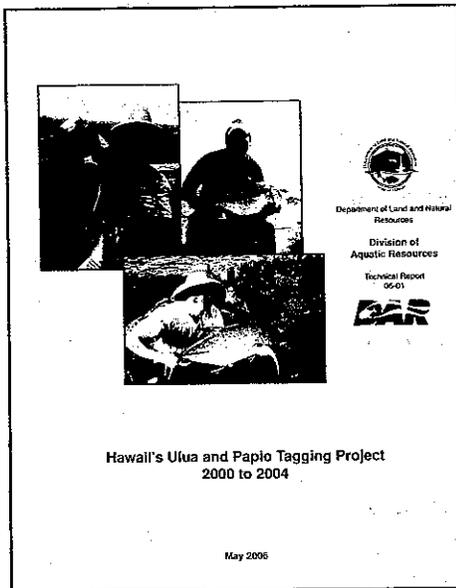
Keith Caldwell sent us this great Christmas card. The message read "No fish were hurt in the making of this card, it was 100% tag and release!" Mahalo to Keith and his ohana.



Howard Yoshida from the Big Island with a good size omilu that he tagged and released. Howard is one of many ulua fishermen that are now tagging large ulua. Fishermen of Hawaii have stepped to the plate willing to help conserve our fishery resources for generations to come. If everyone does their part it will be a win win situation for all.



Hawaii's fishermen are the greatest!



Ulua Tagging Project Technical Report

In May 2006 we published and distributed "Hawaii's Ulua and Papio Tagging Project 2000 to 2004" technical report no. 06-01. Copies of the report are available free through all DAR offices statewide and at some tackle shop locations on Oahu only (quantities are limited). For those of you with computers a **PDF file of the report is available on our DAR website at: <http://www.hawaii.gov/dlnr/dar/library/index.htm>** The report contains information on juvenile papio growth rates, travel, distribution and fish facts on popular carangid species. All of the tagging information contained in this report was gathered through our project volunteers statewide.

Recovered a tagged fish?

The most important action that anglers can do to assist any tagging project is to report all tagged fish caught.

Recovery information on tagged fish along with tagging data generates important information on growth rates and distance traveled by these jacks.

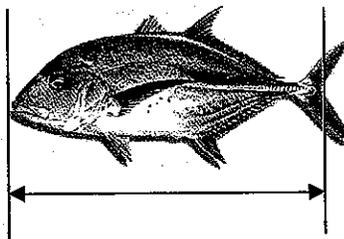
For each ulua/papio that is recovered we will generate a recovery letter for the angler and tagger with information on the number of days at liberty, distance traveled, and growth.

At the time of capture it is important to record the following information:

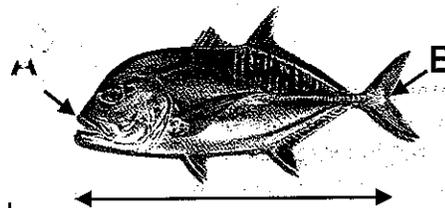
- 1) Date of capture
- 2) Tag number
- 3) Length of fish (fork length)
- 4) Species
- 5) Location
- 6) Time
- 7) Weight (optional)

All above information must be received in order to receive a t-shirt reward.

How to measure your Fish!



Fork Length (fl.) is the measurement from the **tip of the nose (A)** to the **fork in the tail (B)**.



Fork Length (fl.)

Recovery Options:

- A) **Re-release** of tagged ulua/papio, leave tag in fish, remove algae from tag, and record tag number along with above information. Then gently release the fish.
- B) **Fish to be kept;** remove tag and report the above information. (Please keep the tag to be returned to DAR, we will provide you with a self addressed envelope when you call our office).
- C) **Report tag fish recoveries to DAR at (808) 587-0593.** If we are not available please leave your name, address, and phone number with the required information. We will contact you as soon as possible. If you do not hear from us in a few days please call back.

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
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DEAN NAKANO
ACTING DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
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CONSERVATION AND COASTAL LANDS
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ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

January 2, 2007

Dear Volunteer Angler,

Thank you very much for all the time and effort you've put in as a volunteer angler for DAR's Ulua Tagging Project. Along with 2000 anglers statewide, you have shown that Hawaii's fishermen care very much about their fishery resources and are more than willing to help take better care of our ulua and papio fishery by gathering the information necessary for DAR to better manage these species for now and future generations. Because of all of our volunteer anglers' combined efforts, in only 6 short years, you've managed to help us gather a lifetime worth of data and information, some of which was previously unknown about Hawaii's ulua and papio resources. It is anglers like you that have made this one of the most successful volunteer angler-based tagging projects ever.

As of 2005 the Ulua Tagging Project has accumulated enough tag and recapture data to begin work on assessing the omilu (*Caranx melampygus*) populations. With the current level of volunteer effort, it has been determined that by the end of 2007, there should be enough tag and recapture data collected to assess the white ulua/papio (*Caranx ignobilis*) populations also. The stock assessments for these two species will assist DAR with updating its management regimen for the ulua and papio fishery.

We will continue to distribute tagging kits until December 31, 2007 in order to obtain the amount of data necessary to conduct a stock assessment for the white ulua/papio species. At this time DAR will no longer be acquiring any new volunteer anglers for the project. Tags will continue to be distributed on a limited basis to those anglers that already possess a tagging kit. All further tag and recapture efforts will be refocused toward helping us to monitor the ulua and papio fishery as we update management strategies for these species. We will continue to collect and process whatever tag and recapture data comes in after 2007 and honor all recaptures that are reported.

We truly appreciate all the aloha and generous support you've given to the Ulua Tagging Project and for your unique and valuable insight on Hawaii's ulua and papio fishery. We hope to use all the knowledge and information gained from this project to enhance our understanding on the biology of the ulua and papio species which will assist DAR in better managing the ulua and papio fishery for everyone. Again, thank you for participating as a volunteer angler and we hope that we can work with you again in some capacity on another future project.

Sincerely,

A handwritten signature in cursive script that reads "Annette Tagawa".

Annette Tagawa
Aquatic Biologist

	A	B	C	D	E	F	G	H	I
1		2001	2002	2003	2004	2005	2006	2007	
2	Oahu	636	2411	4034	5468	2944	2443	1709	19645
3	Hawaii	356	556	342	625	394	548	910	3731
4	Maui	52	173	1162	1145	1415	1349	460	5756
5	Kauai	6	61	95	309	182	217	218	1088
6	Molokai	35	40	125	124	33	46	21	424
7	Kahoolawe	12		4	22	67	12	14	131
8	Lanai	3	6	7	15	11	3	3	48
9	Niihau		4	3					7
10		1100	3251	5772	7708	5046	4618	3335	30830

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

February 14, 2006

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

To Whom It May Concern,

The Neighbor Island Outreach Coordinator position has been a tremendous asset to the Division of Aquatic Resources' Ulua Tagging Project. Mr. Richard Beebe has been under contract as the Neighbor Island Outreach Coordinator since December 2005 and has already increased DAR's capabilities in promoting Project awareness statewide. This is especially true regarding outreach and educational opportunities for the Ulua Tagging Project on the neighbor islands.

During the brief time we have had this position, it has brought many benefits to the Project. One of the most important aspects has been information outreach amongst tackle dealers and anglers statewide. The position brings much needed services and support for the volunteer anglers especially for our neighbor islands.

Mr. Beebe has opened the lines of communications with several tackle dealers on the islands of Maui, Kauai, and Hawaii. Some of these contacts have already started promoting the Project among their islands' anglers and a few have even started voluntarily distributing tag kits. These activities will help promote Project growth in terms of awareness and understanding.

Mr. Beebe has also been instrumental in developing educational materials to encourage the reporting of recaptured tagged fish. This is a vital part of the Ulua Tagging Project, since the recovery data provides critical information for determining growth rates, movement patterns, and other parameters important for assessing the ulua and papio fishery.

In addition, Mr. Beebe has been assisting Project staff with developing a species identification manual for anglers to aid in species identification of the Project's targeted Carangid species. Also an Ulua Tagging Project reward poster is being updated for display use in tackle shops, harbors and other areas to promote Project awareness.

This position has helped us to maintain quality service for our volunteer anglers by providing daily support in allowing us to respond immediately to all tag and recapture inquiries as well as expediting delivery of award items, assembly of tagging kits and other clerical duties.

The Neighbor Island Outreach Coordinator position has been a huge asset to our program and we hope for continued support for this position in the future.

Sincerely,

Annette Tagawa
Aquatic Biologist
Ulua Tagging Project