

SUMMARY OF INFORMATION ON TIGER SHARKS  
RESULTING FROM A REEXAMINATION OF DATA  
COLLECTED BY THE 1967-1969 COOPERATIVE  
SHARK RESEARCH AND CONTROL PROGRAM

COMPILED BY

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Summary of information on tiger sharks, *Galeocerdo cuvieri*, resulting from a reexamination of data collected by the 1967-1969 Cooperative Shark Research and Control Program.

Category	No. Tiger Sharks
Hooked	275
Tagged and released	34
Lost or no information	26
Stomachs disgorged	6
Stomachs examined	209
Stomachs empty	27
Stomachs with bait only	9
Stomachs with natural food	173
Stomachs with turtles	22 (12.7%)
Stomachs with porpoises	9 (5.2%)

DLNR - 18% 8.8 out of 49  
 Weaver - 10.8 7 out of

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Area	Total no. tigers caught <i>food in stomach</i>	No. tigers containing turtles	% total no. tigers containing turtles
2 - Ewa, Oahu <sup>9</sup>	32	5	15.6 *
10 - NE Oahu <sup>8</sup>	14	1	7.1
11 - NE Oahu <sup>7</sup>	6	1	16.7
13 - Kailua, Oahu <sup>6</sup>	4	1	25.0
16 - S Oahu <sup>10</sup>	6	1	16.7
18 - W Niihau <sup>12</sup>	15	1	6.7
19 - E Niihau <sup>12</sup>	13	2	15.4
20 - SW Kauai <sup>11</sup>	18	2	11.1
24 - NE Kauai <sup>3</sup>	4	3	75.0
44 - W Maui <sup>2</sup>	5	1	20.0
56 - SW Maui <sup>3</sup>	9	1	11.1
72 - Kawaihae, Hawaii <sup>2</sup>	14	2	14.3
76 - Kailua, Kona <sup>1</sup>	9	1	11.1

14 FFS 148  
 15 PH 173  
 22  
 25  
 no size categories



Tiger sharks, *Galeocerdo cuvieri*, found to contain turtles during the 1967-1969 Cooperative Shark Research and Control Program. Compiled by G. H. Balazs, Hawaii Institute of Marine Biology, January 1978.

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Date	Area	ID No.	Sex	Total Length, cm	Bait	Stomach Contents (transcribed from raw data sheets)
7/6/67	2	031	M	140	aku	turtle, shark head and tail
2/1/68	2	419	M	260	aku	beef bone, turtle skull, fish eye, <i>Diodon</i> spines, squid beak
2/1/68	2	422	F	258	aku	octopus, <i>Fistulariidae</i> head, whale blubber, turtle skull
3/23/69	2	1151	F	334	akule	turtle (2'), small fish, <i>Diodon</i> remains
5/18/69	2	1325	F	420	kawa kawa	kawa kawa (bait), aku (2), turtle remains, tin foil, cardboard box, small fish fragments
1/7/68	10	386	M	357	aku	green turtle, fish fragments, 5 lb chunk of grey shark
1/26/68	11	410	F	328	aku-shark	kahala (30 lb), turtle (3'), grey shark parts, lobster, feathers
1/15/69	13	1044	F	410	aku	<i>Diodons</i> (2), cottage cheese carton (Foremost qt.), 16", 17" and 22" hammer-head, men's pajama plastic bag, turtle remains, several fish remains
11/15/68	16	990	M	265	aku	skull, vertebrae and pieces of porpoise, shark tail, turtle shell fragments
6/5/68	18	597	F	390	aku	slipper lobsters (4) up to 15" long, turtle remains, bird feathers
6/6/69	19	1360	M	244	shark	head of 5' <i>C. milberti</i> (not bait), turtle, <i>Diodon</i>

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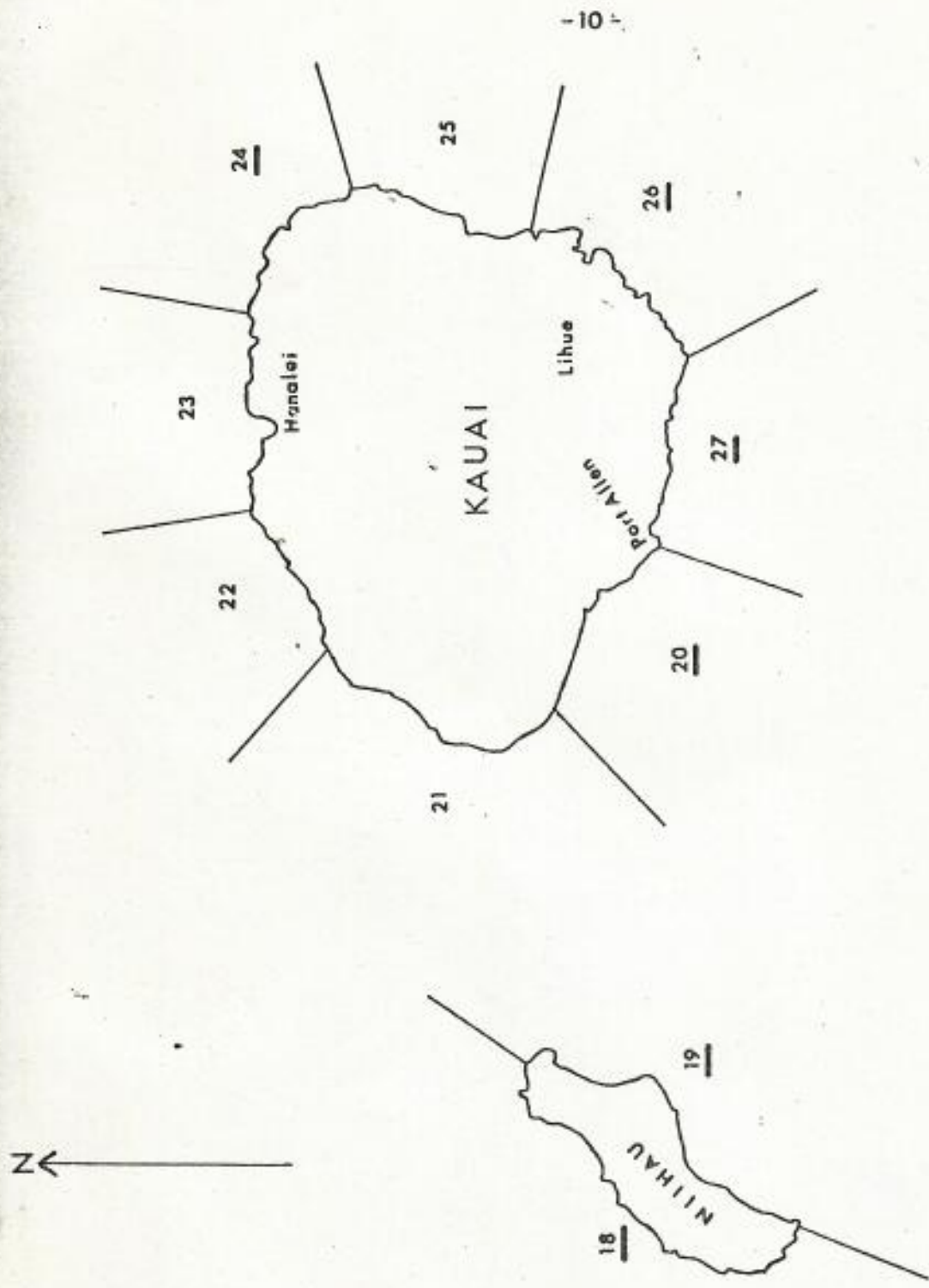
Date	Area	ID No.	Sex	Total Length, cm	Bait	Stomach Contents (transcribed from raw data sheets)
6/6/69	19	1372	F	318	shark	whole turtle, shark remains
8/10/67	20	158	F	277	aku	turtle skin, lobsters (3); mammal vertebrae, rear half of 5; <i>Carcharias</i>
11/21/67	20	354	F	239	aku	green turtle
2/15/68	24	441	F	303	aku	<i>Diodon</i> spines, turtle scute
2/15/68	24	443	M	340	aku	bird feathers, scutes of young green turtle (10 lb), large slipper lobsters (3)
2/15/68	24	445	F	371	aku	turtle scutes, ridge back <i>Carcharias</i> , feathers, skeleton of long-tailed mammal presumably dog
3/14/69	44	1100	M	365	shark	<i>C. milberti</i> (4') not bait, turtle scutes, porpoise jaw, squid beaks
7/8/68	56	655	M	323	cat	cat (bait), turtle, bird feathers
10/12/67	72	236	F	287	aku	green turtle (36 cm shell), alga from turtle
12/21/67	72	366	M	-	aku	mammal hair, turtle skin, sticks, fish vertebrae, aku (bait), female <i>C. milberti</i> (72 cm)
7/6/68	76	639	M	333	cat	cats (2) (bait), turtle (15 lb), Acanthurid (10')

Tiger sharks, *Galeocerdo cuvieri*, found to contain porpoise during the 1967-1969 Cooperative Shark Research and Control Program.

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Date	Area	ID No.	Total Length, cm	Stomach Contents (transcribed from raw data sheets)
1/26/68	11	408	309	portions of 5 grey sharks (2), sting ray (2'), antennae of big lobster, porpoise (fins, ribs, meat, skin)
4/16/68	72	500	314	slipper lobsters (3), porpoise skull and vertebrae, <i>Tetradon</i> , kawakawa skull and vertebra
6/5/68	18	595	364	ribs, backbone and entire head of porpoise, pectoral fin of <i>C. meniscomus</i>
9/10/68	37	819	400	entire porpoise skull, 4' shark remains, lobster antennae
9/12/68	43	843	344	shark (5'), cellophane, feather, porpoise fin, bait
11/15/68	16	990	265	skull, vertebrae and pieces of porpoise, shark tail, turtle shell fragments
3/14/69	44	1100	365	<i>C. milberti</i> (4'), turtle scute, squid beack, porpoise jaw
6/4/69	18	1347	329	bird remains, porpoise, lobster
6/22/69	18	1458	300	slipper lobster, shark (4'), seabirds (2), porpoise chunk, <i>Diodon</i> jaw





O Kauai  
 17

Fig. 4. Fishing areas (underlined) in the vicinity of Kauai and Niihau.

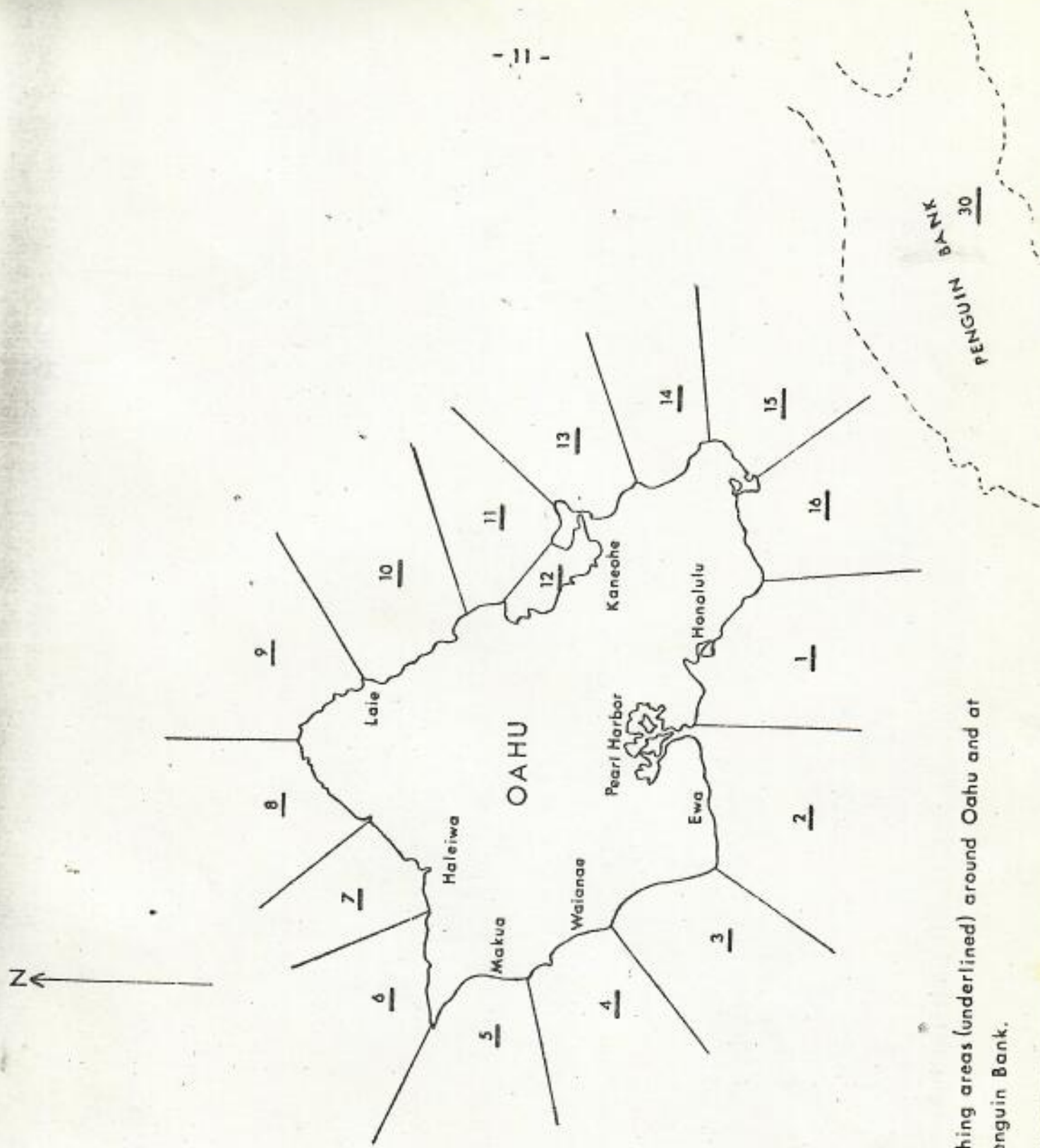


Fig. 5. Fishing areas (underlined) around Oahu and at Penguin Bank.



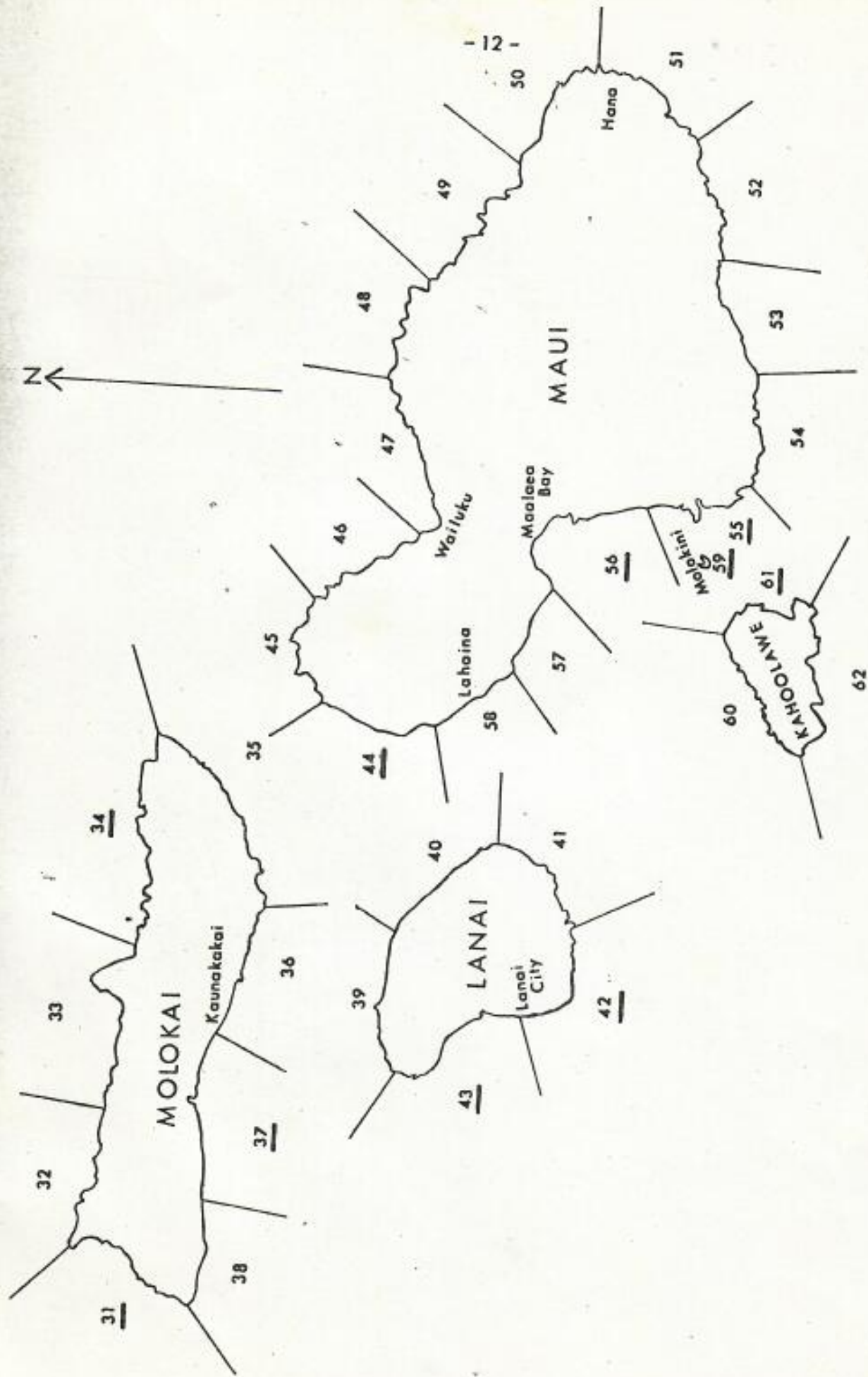


Fig. 6. Fishing areas (underlined) in the vicinity of Molokai, Maui and Lanai.

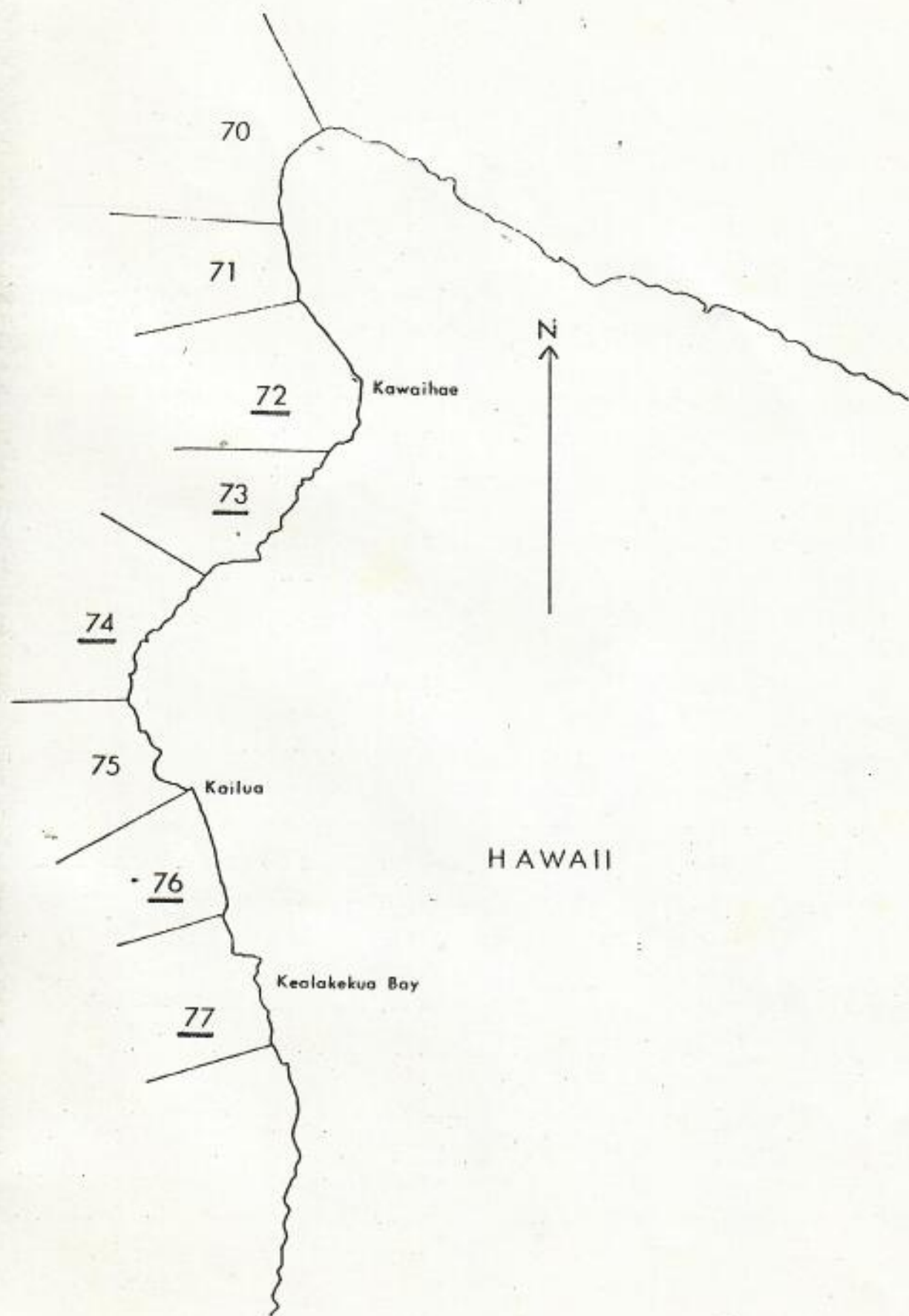


Fig. 7. Fishing areas (underlined) along the Kona coast of Hawaii.

