

GB-2 May 1975
adult female, TMR, Waikiki
Codium edule - 90%
Ulva fasciata - 8%
Acanthophora spicifera - Tr
Pelecypods - Tr
Strap-like fibrous material - 2%

MAIN HAWAIIAN ISLANDS
ALL SAMPLES COLLECTED BY
G. H. BALAZS HIMB
IDS BY DENNIS RUSSELL
PREPARATION BY
ALAN K. H. KAM

GB-9 28 July 1977
Tag 2329, Bellows
Codium arabicum - 80%
Ulva fasciata - 20%

489



GB-12 2 August 1977
Tag 2339, Bellows
Ulva fasciata - 99%
Acanthophora spicifera
Codium phasmaticum
Enteromorpha sp.
Hypnea chordacea
Laurencia sp.

GB12

GB-23 26 September 1977
Tag 1737, 2402
Codium phasmaticum - 90%
Ulva fasciata - 10%

GB23



GB-25 August 1977
In-shore, Bellows
Codium phasmaticum - 80%
Codium edule - 10%
Ulva fasciata - 10%

GB 25

GB-28 22 November 1977
Wong Dock, Kailua Bay
Codium edule - 99%
Pterocladia - 1%



GB-28 22 November 1977
Wong Dock, Kailua Bay
Codium edule - 99%
Pterocladia - 1%

GB-29 28 October 1978
Kinsey mortality, Kaneohe Bay
Hypnea musciformis - 80%
Codium edule - 10%
Graeilaria bursapastoris - 10%
Acanthophora spicifera - Tr
Ulva reticulata - Tr

Oct. 28, 1978
Kinsey-green
Complete missing



GB-30 25 November 1977
Juvenile TMR, Kanohe Bay
Gracilaria bursapastoris - 80%
Ulva fasciata - 15%
Hypnea cervicornis - 5%
Pterocladia - Tr
Rosenvingea orientalis - Tr

GB-31 11 January 1976
Fish & Game B
Pterocladia capillacea - 50%
Ulva reticulata - 50%

6826



GB-31 11 January 1976
Fish & Game B
Pterocladia capillacea - 50%
Ulva reticulata - 50%

GB-34 11 September 1977
Fish & Game A
Codium arabicum 50%
Codium edule
Gelidiella acerosa 40%
Gelidium pusillum
Amansia glomerata - Tr
Animal - 10%
(*Chondrosia chucalla*)



GB-38 28 July 1977
Recovered feces, Bellows
Codium edule - 95%
Pterocladia sp. - Tr
Terrestrial grass - 3%
Animal - 1%
(*Chondrosia chucalla*)
Strap-like fibrous material - 1%

GB 38

GB-40
Kawailoa collection
Codium edule
Codium arabicum
Laurencia sp.
Porolithon gardineri

GB 40

GB-40
Kawailoa collection
Codium edule
Codium arabicum
Laurencia sp.
Porolithon gardineri

GB-41 30 November 1977
V/S juvenile, Kaneohe Bay
Ahmfeltia concinna - 95%
Codium edule - 1%
Ulva reticulata - 1%
Animal - 3%
(*Chondrosia chucalla*)



6941

GB-118

GB-118 15 March 1978
Recovered feces, Bellows
Codium edule - 60%
Codium arabicum - 40%

GB-119 15 March 1978
Recovered feces, Bellows
Codium edule



GB-119 15 March 1978
Recovered feces, Bellows
Codium edule

GB 119

GB - 120 Bellows, Oahu
Fecal Recovery

Amansia glomerata - 75%
Codium edule - 20%
Lyngbya majuscula Gomont - 3%
Ulva fasciata Delile - 2%

GB 120

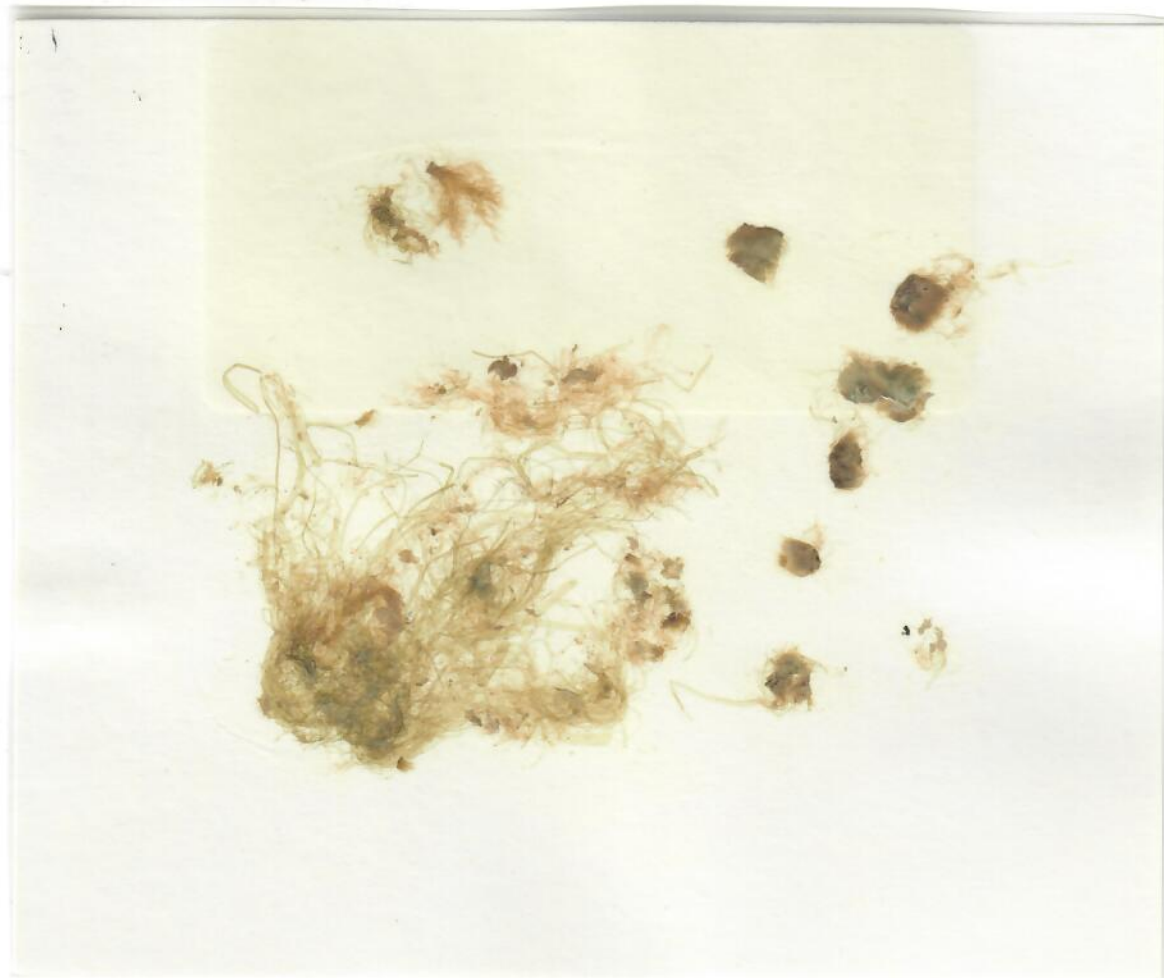


GB-141 15 March 1978
Codium edule

GB 141

GB-142 17 March 1978
Gold captive, scrapings
Ectocarpus indicus
Enteromorpha clathrata (Roth) Grev.
Polysiphonia sp.
Sphacelaria furcigera Kutz.
Ulva fasciata

GB 142



GB 157

GB-157 24 April 1978
Tag 2493, Kaneohe net
Codium arabicum

GB-161 2 May 1978
Tag 2493, Kaneohe mortality
Codium edule - 80%
Codium arabicum - 20%



GB-161 2 May 1978
Tag 2493, Kaneohe mortality
Codium edule - 80%
Codium arabicum - 20%

GB-231 January 1978
Mortality 1, Kau
Pterocladia capillacea

68231

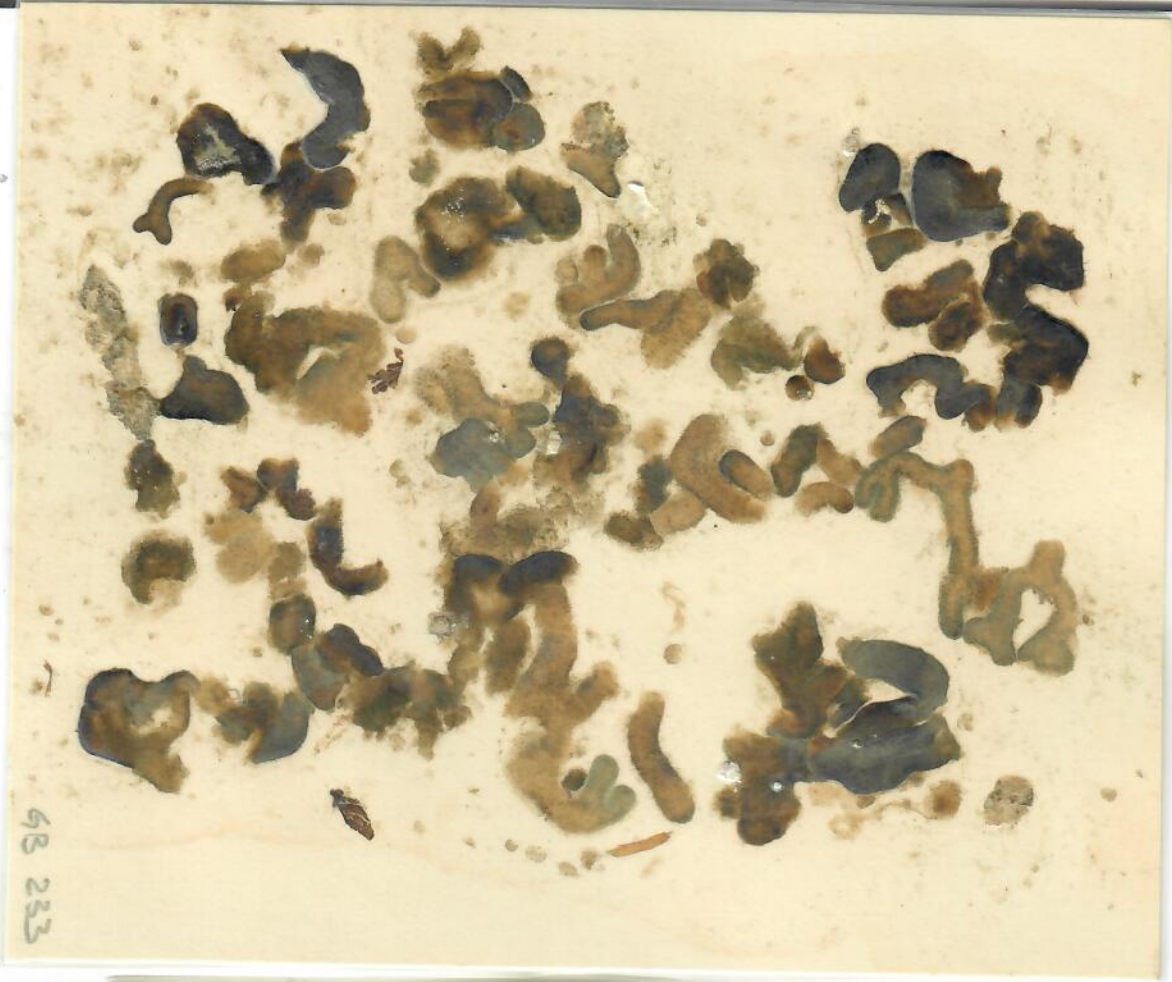
GB-232 January 1978
Mortality 1, Kau
Pterocladia capillacea



GB-233 1977
Mortality, Bellows
Codium edule - 95%
Codium arabicum - 4%
Ulva fasciata
Cladophora fascicularis - 1%

GB-218 23 August 1978
Rock scraping, Kahoolawe
Gelidium sp.

GB-219 23 August 1978
Beach 6, Kahoolawe
Laurencia sp.
Lobophora variegata
Jania capillacea
Microdictyon japonicum



GB-221 23 August 1978
NW coast, Kahoolawe
Labophora variegata
Ectocarpus breviarticulatus
Laurencia sp.
Dictyopteris plagiogramma
Amansia glomerata
Actinotrichia rigida
Chondrococcus hornemanni
Jania capillacea
Corallina sp.

GB 221

GB-222 11 July 1978
Tag 2423, Kaneohe Bay
Codium edule Silva
Codium arabicum Kuetzing

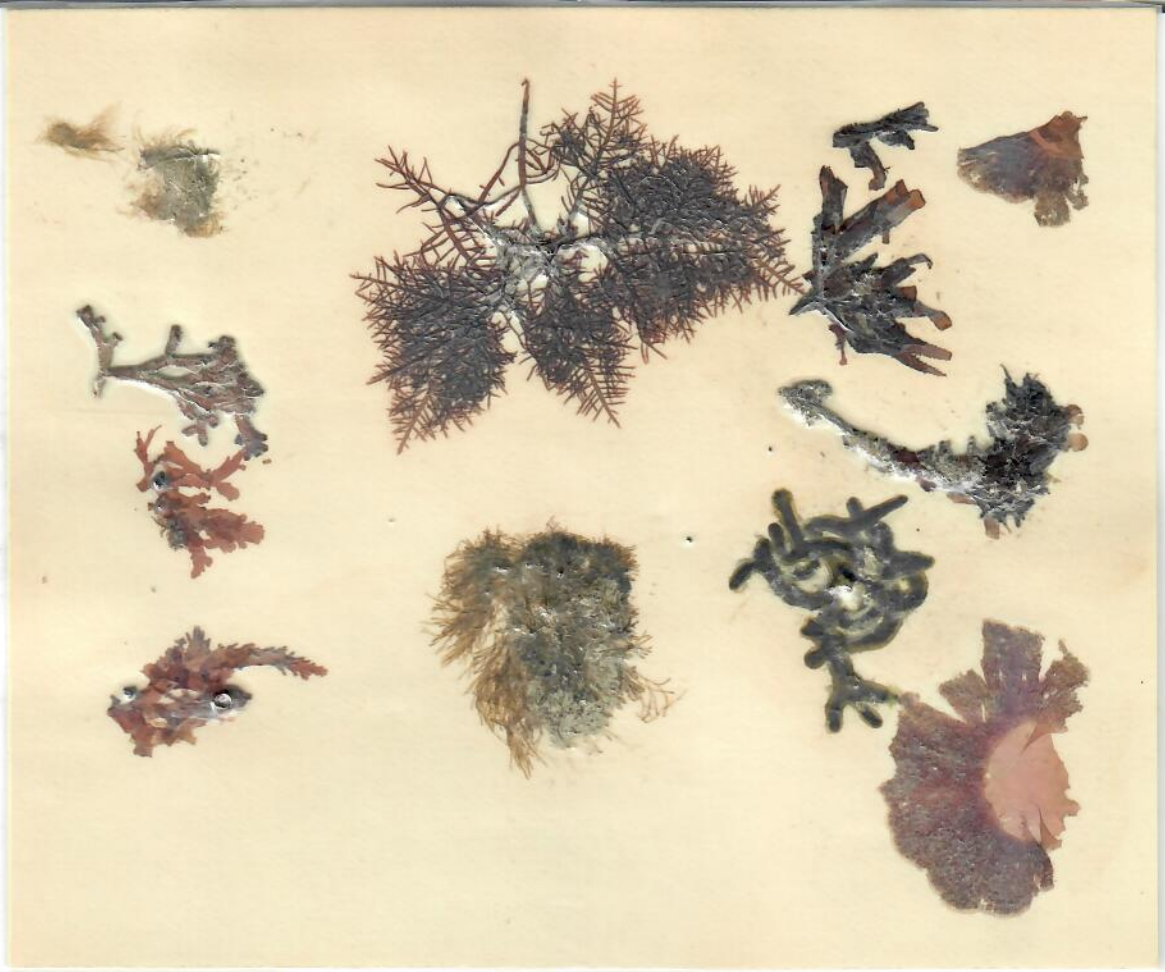


48 222

GB-230 31 August 1978
Kaalaulu collection
Galaxaura sp.
Martensia flabelliformis
Ahnfeltia concinna Ag.
Codium edule
Amansia glomerata
Caulerpa taxifolia
Gelidium pusillum
Pterocladia capillacea
Cladymenia pacifica
Cladophora sp.

GB 230

GB-231 January 1978
Mortality 1, Kau
Pterocladia capillacea



GB-302 May 1978 MCOMB-2

N. Lanai juvenile mortality

<i>Acanthophora spicifera</i>	90%+
<i>Amansia glomerata</i>	1%
<i>Gracilaria</i> sp.	Tr
<i>Hypnea cericornis</i>	Tr
<i>Levillia jungermannioides</i>	Tr
<i>Padina japonica</i>	Tr

GB-301 May 1978 MCOMB-1

Lanai juvenile mortality

<i>Codium phasmaticum</i>	3%
<i>Acanthophora spicifera</i>	80%
<i>Padina japonica</i>	2%
<i>Dictyota acuteloba</i>	5%
<i>Hypnea cericornis</i>	5%
<i>Amansia glomerata</i>	5%
<i>Champia parvula</i>	Tr
Tubular objects	



GB-302

May 1978

MCOMB-2

N. Lanai juvenile mortality

<i>Acanthophora spicifera</i>	90%+
<i>Amansia glomerata</i>	1%
<i>Gracilaria</i> sp.	Tr
<i>Hypnea cericornis</i>	Tr
<i>Leveillea jungermannioides</i>	Tr
<i>Padina japonica</i>	Tr

GB-302

May 1978

MCOMB-2

N. Lanai juvenile mortality

<i>Acanthophora spicifera</i>	90%+
<i>Amansia glomerata</i>	1%
<i>Gracilaria</i> sp.	Tr
<i>Hypnea cericornis</i>	Tr
<i>Leveillea jungermannioides</i>	Tr
<i>Padina japonica</i>	Tr



May 1978

MCOMB-3

Lanai juvenile mortality

GB-332

12 Dec 1978

Lanai - Amaral mortality

Adult green - 1st stomach

Amansia glomerata 50%

Halophilia ovalis Tr

Sargassum polyphyllum 80%



GB-332

12 Dec 1978

Lanai - Amara mortality
Adult green - 1st stomach

<i>Amanzia glomerata</i>	50%
<i>Halophila ovalis</i>	Tr
<i>Sargassum polyphyllum</i>	80%

GB - 333

12 Dec 1978

Lanai - Amara mortality
Adult green - 2nd stomach

<i>Halophila ovalis</i>	20%
<i>Sargassum polyphyllum</i>	80%



GB-333

12 Dec 1978

Lanai - Amara mortality

Adult green - 2nd stomach

Halophila ovalis

20%

Sargassum polyphyllum

80%

plastics

GB-334

12 December 1978

Lanai - Amara mortality

Adult green - strained intestine

Sargassum polyphyllum

100%

slime



GB-331

Oct 1978

Waimanalo powerhead mortality

Codium edule



GB-434
Kailua Beach
first stomach

23 May 1979
headless mortality

<i>Codium arabicum</i>	50
<i>Codium edule</i>	50
<i>Lyngbya majuscula</i>	Trace
<i>Martensia fragilis</i>	Trace
<i>Hypnea</i> sp.	Trace
<i>Dictyopteris plagiogramma</i>	Trace

GB-434
Kailua Beach
first stomach

23 May 1979
headless mortality

<i>Codium arabicum</i>	50
<i>Codium edule</i>	50
<i>Lyngbya majuscula</i>	Trace
<i>Martensia fragilis</i>	Trace
<i>Hypnea</i> sp.	Trace
<i>Dictyopteris plagiogramma</i>	Trace



GB-434
Kailua Beach
first stomach

23 May 1979
headless mortality

<i>Codium arabicum</i>	50
<i>Codium edule</i>	50
<i>Lyngbya majuscula</i>	Trace
<i>Martensia fragilis</i>	Trace
<i>Hypnea</i> sp.	Trace
<i>Dictyopteris plagiogramma</i>	Trace

GB 434

GB-435
Kailua Beach
second stomach

23 May 1979
headless mortality

<i>Codium edule</i>	40
<i>Codium arabicum</i>	40
<i>Dictyosphaeria versluysii</i>	10
<i>Amansia glomerata</i>	10



GB-435 23 May 1979
Kailua Beach headless mortality
second stomach

<i>Codium edule</i>	40
<i>Codium arabicum</i>	40
<i>Dictyosphaeria versluysi</i>	10
<i>Amansia glomerata</i>	10

GB-401 tag 2935, 2936, 2937
15 September 1978 Bellows, Oahu
stomach sample SL - 74.3 cm

<i>Oscillatoria subtilissima</i>	50%
<i>Microcystis</i> sp.	50%



GB-402
15 September 1978
stomach sample

tag 2340, 2341
Bellows, Oahu
SL - 47.0

<i>Oscillatoria subtilissima</i>	99%
<i>Acrochaetium</i> sp.	1%

GB-436 tags 2332, 2333, 2334
30 May 1979 Bellows, Oahu
mouth sample
scrap of brown alga (*Turbinaria ornata?*)
terrestrial plant fibers



GB-437 tags 3090, 3091
30 May 1979 Bellows, Oahu
stomach and mouth sample
Codium phasmaticum trace
Hypnea sp. trace
Oscillatoria subtilissima trace
terrestrial plant fibers
Phaeophyte(?)

GB-409 tags 2992, 2993
4 April 1979 Bellows, Oahu
stomach sample
Ulva sp. trace
Hypnea pannosa trace
Laurencia sp. trace
Hypnea cervicornis trace
Hypneocolax stellaris trace
Oscillatoria subtilissima trace

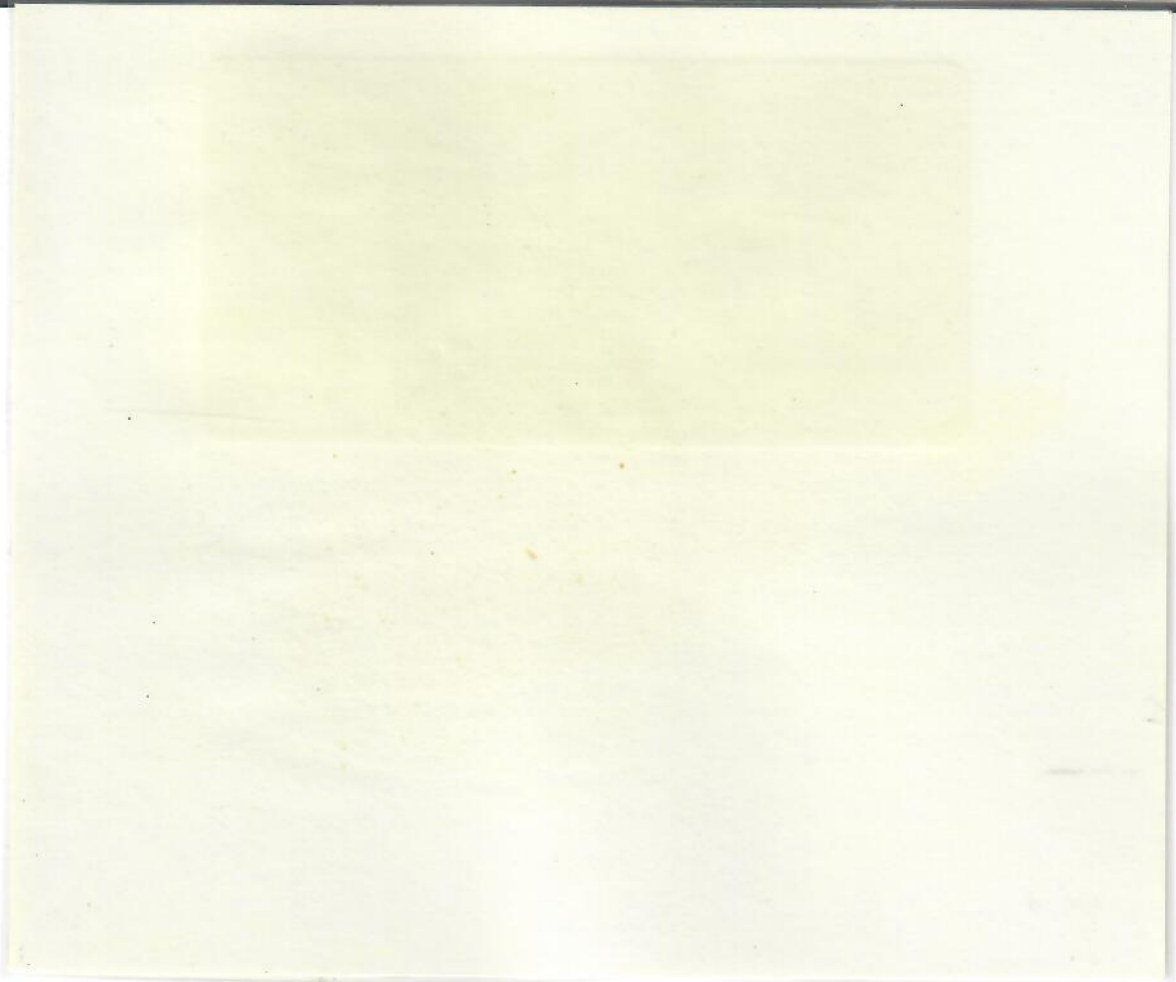


GB-410 tag 2995
4 April 1979 Bellows, Oahu
stomach sample SL - 58.7

<i>Oscillatoria subtilissima</i>	50%
<i>Microcystis</i> sp.	50%

GB-438 tags 3105, 3105
6 June 1979 Bellows, Oahu
stomach sample

<i>Oscillatoria subtilissima</i>	90%
<i>Lyngbya majuscula</i>	10%
<i>Ulva</i> sp.	trace



GB-439 tags 3101, 3102
6 June 1979 Bellows, Oahu
stomach sample
squamous epithelial cells 95%
Oscillatoria sp. trace
Codium edule trace
Codium phasmaticum trace

GB-440 tags 3094, 3095
6 June 1979 Bellows, Oahu
mouth sample
Ulva rigida trace



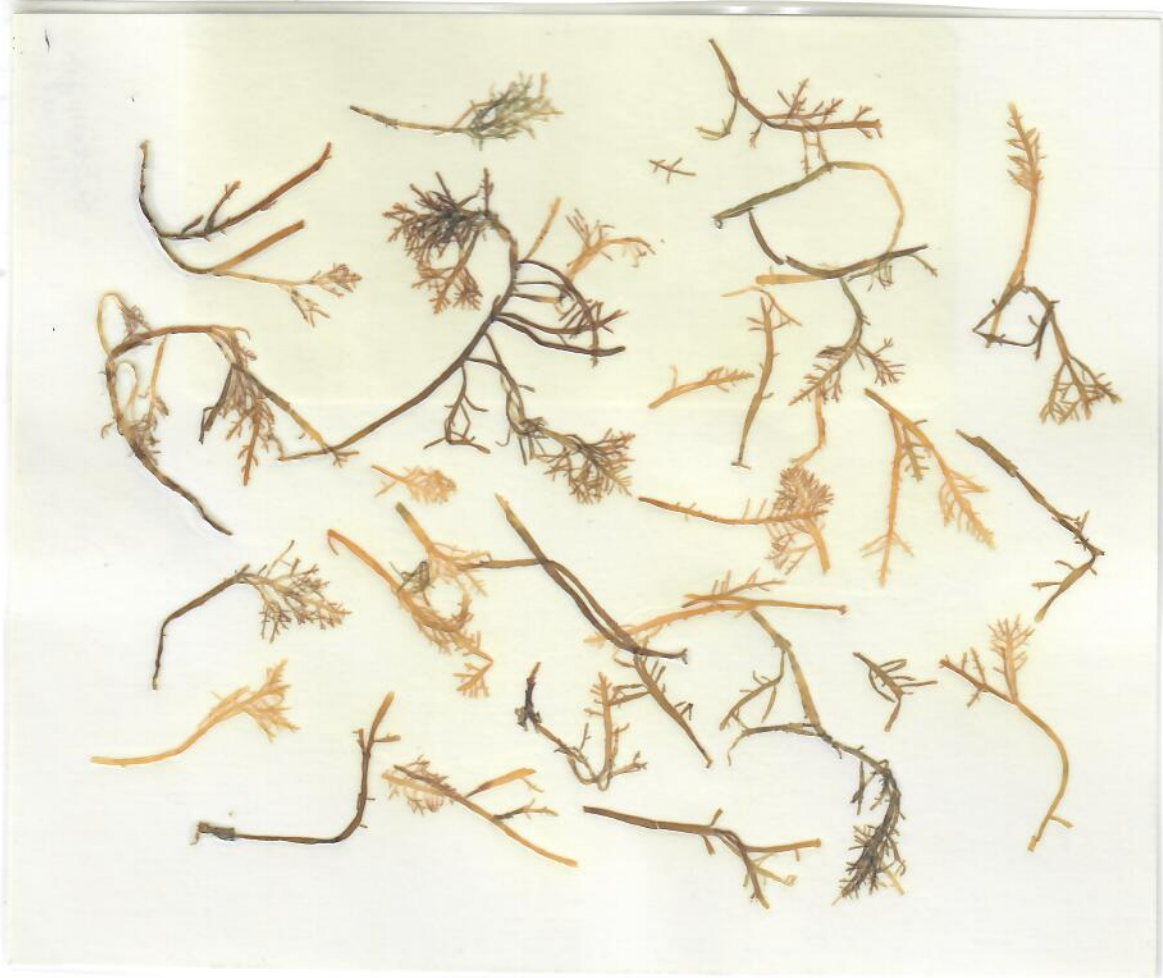
Diamond Head, 3 October 1976
juvenile from tiger shark
Halophila hawaiiiana
Amansia glomerata

10/3/76
D.H. Juvenile
Queen tiger

19 August 1977
Adult male
Kaakaaniu, Kauai

Pterocladia capillacea

Kaakaaniu, Kauai
8/19/77



GB-405

2 March 1979

Kaneohe Bay

Miranda mortality--upper stomach

<i>Codium arabicum</i>	90%
<i>Codium edule</i>	5%
<i>Codium phasmaticum</i>	2%
<i>Gelidium crinale</i>	3%

GB-405

2 March 1979

Kaneohe Bay

Miranda mortality--upper stomach

<i>Codium arabicum</i>	90%
<i>Codium edule</i>	5%
<i>Codium phasmaticum</i>	2%
<i>Gelidium crinale</i>	3%



GB-406 2 March 1979
Kaneohe Bay
Miranda mortality - lower stomach

<i>Codium arabicum</i>	70%
<i>Codium edule</i>	29%
<i>Gelidium crinale</i>	1%

GB-406 2 March 1979
Kaneohe Bay
Miranda mortality--lower stomach

<i>Codium arabicum</i>	70
<i>Codium edule</i>	29
<i>Gelidium crinale</i>	1



GB-406

2 March 1979

Kaneohe Bay

Miranda mortality--lower stomach

<i>Codium arabicum</i>	70
<i>Codium edule</i>	29
<i>Gelidium crinale</i>	1

GB-407

10 March 1979

Waimanalo adult male mortality (SLP)
first stomach

<i>Codium arabicum</i>	3
<i>Amansia glomerata</i>	97



GB-407 10 March 1979
Waimanalo adult male mortality (SLP)
first stomach CL - 92.1 cm

<i>Codium arabicum</i>	3%
<i>Amansia glomerata</i>	97%

GB-408 10 March 1979
Waimanalo adult male mortality (SLP)
upper intestines CL - 92.1 cm

<i>Amansia glomerata</i>	55%
<i>Codium phasmaticum</i>	25%
<i>Codium arabicum</i>	20%



GB-408 10 March 1979
Waimanalo adult male mortality (SLP)
upper intestines CL - 92.1 cm

<i>Amansia glomerata</i>	55%
<i>Codium phasmaticum</i>	25%
<i>Codium arabicum</i>	20%

GB-408 10 March 1979
Waimanalo adult male mortality (SLP)
upper intestines CL - 92.1 cm

<i>Amansia glomerata</i>	55%
<i>Codium phasmaticum</i>	25%
<i>Codium arabicum</i>	20%



KANEOHE BAY

August 1977

Hawksbill (net mortality)
Three kinds of unidentifiable sponges

