

some taxa need to have specimens re-examined - 9a

KALOKO POINT ALGAL SPECIES LIST
S.P. Carper July 1988

CHLOROPHYTA

<u>Species</u>	<u>Reproductive</u> <u>Status</u>	<u>Abundance</u> <u>Rating</u>
<u>Boodlea composita</u> (Harvey) Brand	-	Occasional
<u>Caulerpa ambigua</u> Okamura <i>Caulerpella ambigua</i>	-	Rare
<u>Chaetomorpha antennina</u> (Bory) Kuetzing limu hulu'ilio	-	Rare
<u>Cladophora</u> sp. (2)	-	Common
<u>Cladophora</u> sp. (3)	-	Occasional
<u>Cladophora</u> sp. (4)	+	Rare
<i>Cladophoropsis membranacea</i> (C. Ag.) Boergesen = syn. <u>Cladophoropsis adhaerens</u> Gilbert	-	Occasional
<u>Codium edule</u> Silva in Egerod limu 'a'ala'ula or limu wawaei'ole	-	Rare
<u>Dictyosphaeria cavernosa</u> (Forsskal) Boergesen	-	Rare
now in ulva } <u>Enteromorpha clathrata</u> var. <u>clathrata</u> (Roth) Greville	-	Rare
<u>Enteromorpha clathrata</u> var. <u>crinata</u> (Roth) Hauck	-	Occasional
<u>Enteromorpha prolifera</u> (Mueller) J. Agardh limu 'ele'ele	-	Occasional
<u>Struvea anastomosans</u> (Harvey) Piccone & Grunow	-	Rare
<u>Ulva fasciata</u> Delile limu palahalaha	-	Rare
<u>Ulva</u> sp. limu pakaiea	-	Occasional

<u>Valonia aegagropila</u> C. Agardh	-	Occasional
limu lipu'upu'u		
<u>Valonia trabeculata</u> Egerod	-	Rare
<i>Ventricaria ventricosa</i> (J. Ag.) Olsen + West		
<i>syn</i> = <u>Valonia ventricosa</u> J. Agardh	-	Rare
<u>Valonia</u> sp.	-	Occasional

PHAEOPHYTA

<u>Species</u>	<u>Reproductive Status</u>	<u>Abundance Rating</u>
<u>Chnoospora minima</u> (Hering) Papenfuss	-	Occasional
<u>Colpomenia sinuosa</u> (Roth) Derbes & Solier	-	Rare
<u>Dictyota acutiloba</u> J. Agardh	+	Occasional
limu alani		
<u>Dictyota bartayresiana</u> Lamouroux	-	Rare
limu alani		
<u>Hincksia indica</u> (Sonder) J. Tanaka		
= <u>Feldmannia indica</u> (Sonder) Womersley & Bailey	+	Rare
<u>Asteronema brevistriatum</u> (J. Ag.) Ormiston + Borzoi		
= <u>Hincksia brevistriatum</u> (J. Agardh) Silva	+	Rare
<u>Feldmannia irregularis</u> (Kützinger) Hamel		
~~<u>Hincksia</u> sp. "<u>irregularis</u>"~~	+	Occasional
<u>Hincksia mitchelliae</u> (Harvey) Silva	+	Rare
<u>Hydroclathrus clathratus</u> (C. Agardh) Howe	-	Occasional
<u>Lobophora variegata</u> (Lamouroux) Womersley	+	Frequent
<i>syn</i> = <u>Padina sanctae-crucis</u> Borgesen		
= <u>Padina japonica</u> Yamada	+	Occasional

<u>Sargassum echinocarpum</u> J. Agardh limu kala	+	Rare
<u>Sargassum obtusifolium</u> J. Agardh limu kala	+	Common
<u>Sargassum</u> sp.	-	Occasional
<u>Sphacelaria novae-hollandiae</u> Sonder	+	Occasional
<u>Sphacelaria rigidula</u> Kuetzing	+	Rare
<u>Sphacelaria tribuloides</u> Meneghini	+	Occasional
<u>Turbinaria ornata</u> (Turner) J. Agardh	+	Occasional

RHODOPHYTA

<u>Species</u>	<u>Reproductive status</u>	<u>Abundance Rating</u>
<u>Acrochaetium flexuosum</u>	-	Occasional
<u>Acrochaetium</u> sp.	-	Rare
<u>Acanthophora pacifica</u> (Setchell) Kraft	-	Occasional
syn = <u>Ahnfeltiopsis concinna</u> (J. Ag.) Silva & De Carvalho <u>Ahnfeltia concinna</u> J. Agardh limu 'aki'aki	+	Abundant
<u>Alsidium pacificum</u> Dawson	-	Common
<u>Amansia glomerata</u> C. Agardh	+	Occasional
<u>Amphiroa beauvoisii</u> Lamouroux	-	Common
<u>Amphiroa brevianiceps</u> Dawson*	+	Rare

<u>Amphiroa fragillissima</u> (Linnaeus) Lamouroux	-	Rare
<u>Amphiroa</u> sp.	-	Frequent
<u>Botryocladia</u> sp.	-	Rare
<u>Centroceras clavulatum</u> (C. Agardh) Montagne	+	Common
<u>Ceramium clarionense</u> Setchell & Gardner	-	Rare
<u>Ceramium fimbriatum</u> Setchell & Gardner	+	Frequent
<u>Ceramium hamatispinum</u> Dawson	-	Occasional
<u>Champia parvula</u> (C. Agardh) Harvey	+	Occasional
limu o'olu		
<u>Chondria dasyphila</u> (Woodward) C. Agardh	-	Frequent
<u>Chondria repens</u> Boergesen	+	Common
<u>Coelothrix irregularis</u> (Harvey) Boergesen	+	Common
~~Corallina~~ sp. <i>Haliptilon subulatum</i> (Ellis & Solander) Johansen		Occasional
<u>Dasya collinsiana</u> Howe	-	Rare
<u>Erythrotrichia carnea</u> (Dillwyn) J. Agardh	-	Rare
<u>Galaxaura</u> sp.	-	Very Rare
<u>Gelidiella acerosa</u> (Forsskal) Feldmann & Hamel	+	Occasional
<u>Gelidella myriocladia</u> ^g (Boergesen) Feldmann & Hamel	-	Common
<u>Gelidiella</u> sp.	-	Occasional
<u>Gelidiopsis acrocarpa</u> (Harvey) Schmitz	+	Frequent
<u>Gelidiopsis</u> sp.	-	Common
<u>Gelidium crinale</u> (Turner) Lamouroux	-	Occasional

<u>Gelidium pusillum</u> (Stackhouse) LeJolis	+	Abundant
<u>Grateloupia filicina</u> (Wulfen) C. Agardh limu huluhulu waena	-	Rare
<u>Griffithsia heteromorpha</u> Kuetzing	+	Occasional
<u>Herposiphonia dendroidea</u> Hollenberg	-	Occasional
<u>Herposiphonia dubia</u> Hollenberg	-	Rare
<u>Herposiphonia parca</u> Setchell	-	Rare
<u>Herposiphonia tenella</u> (C. Agardh) Naegeli	-	Occasional
<u>Herposiphonia tenella f. secunda</u> (C. Agardh) Hollenberg	-	Occasional
<u>Herposiphonia variabilis</u> Hollenberg	-	Occasional
<u>Heterosiphonia crispella</u> (C. Agardh) Wynne	-	Occasional
<u>Hypnea spinella</u> (J. Agardh) Kuetzing	+	Frequent
<u>Jania capillacea</u> Harvey	-	Common
<u>Jania rubens</u> (Linnaeus) Lamouroux	-	Occasional
<u>Jania</u> sp. (1)	+	Occasional
<u>Jania</u> sp. (2)	-	Rare
<u>Jania</u> sp. (3)	-	Rare
<u>Laurencia brachyclados</u> Pilger	+	Frequent
<u>Laurencia</u> sp. " <u>crustiformans</u> "	+	Common
<u>Laurencia decumbens</u> Kuetzing	+	Occasional
<u>Laurencia dotyi</u> Saito limu lipe'epe'e	+	Occasional

<u>Laurencia majuscula</u> (Harvey) Lucas	+	Rare
<u>Laurencia nidifica</u> J. Agardh <u>limu mane'one'o</u>	-	Rare
<u>Laurencia succisa</u> Cribb <u>limu lipe'epe'e</u>	-	Rare
<u>Laurencia yamadana</u> Howe	+	Rare
<u>Lithophyllum</u> sp.	-	Occasional
<u>Peysonnelia rubra</u> (Greville) J. Agardh	-	Common
<u>Peysonnelia</u> sp.	-	Rare
<u>Polysiphonia delicatula</u> Hollenberg	-	Common
<u>Polysiphonia ferulacea</u> J. Agardh	-	Occasional
~~<u>Neosiphonia flaccidissima</u> (Hollenberg)~~ <u>flaccidissima</u> Hollenberg M.S. Kim & J.K. Lee	+	Frequent
<u>Polysiphonia savatieri</u> Hariot	+	Rare
<u>Polysiphonia scopulorum</u> Harvey	+	Rare
<u>Polysiphonia scopulorum</u> var. <u>villum</u> Hollenberg	-	Rare
<u>Pterocladia caerulescens</u> (Kuetzing) Santelices	-	Frequent
<u>Spermothamnion</u> sp.	-	Very Rare
<u>Spyridia filamentosa</u> (Wulfen) Harvey	-	Occasional
<u>Taenioma perpusillum</u> (J. Agardh) J. Agardh	+	Frequent
<u>Tolypiocladia glomerulata</u> (C. Agardh) Schmitz	-	Common

HONOKOHAU BAY ALGAL SPECIES LIST
S.P.Carper JULY 1988

CHLOROPHYTA

<u>Species</u>	<u>Reproductive Status</u>	<u>Abundance Rating</u>
<u>Boodlea compositae</u> (Harvey) Brand	-	Occasional
<u>Chaetomorpha antennina</u> (Bory) Kuetzing <u>limu hulu'ilio</u>	-	Rare
<u>Cladophora</u> sp. (1)	-	Occasional
<u>Cladophora</u> sp. (2)	-	Common
<u>Cladophora</u> sp. (3)	-	Rare
<u>Cladophora</u> sp. (4)	-	Rare
<u>Cladophora</u> sp. (5)	-	Rare
<u>Cladophora</u> sp. (6)	-	Occasional
<u>Cladophoropsis adhaerens</u> Gilbert <i>see Kaboho nunt</i>	-	Rare
<u>Cladophoropsis</u> sp.	-	Rare
<u>Enteromorpha clathrata</u> (Roth) Greville	-	Rare
<u>Enteromorpha clathrata</u> var. <u>clathrata</u> (Roth) Greville	-	Occasional
<u>Enteromorpha clathrata</u> var. <u>crinata</u> (Roth) Hauck	-	Occasional
<u>Enteromorpha intestinalis</u> (Linnaeus) Link	-	Common
<u>Enteromorpha flexuosa</u> (Wulfen) J. Agardh	-	Occasional
<u>Enteromorpha plumosa</u> Kuetzing	-	Rare
<u>Enteromorpha prolifera</u> (Mueller) J. Agardh <u>limu ele'ele</u>	-	Frequent

see Kaboho

<u>Ulva fasciata</u> Delile limu palahalaha	-	Frequent
<u>Ulva</u> sp. limu pakaiea	-	Common
<u>Valonia aegagropila</u> C. Agardh limu lipu'upu'u	-	Rare
<u>Valonia trabeculata</u> Egerod	-	Rare
see Kaliko (<u>Valonia ventricosa</u> J. Agardh	-	Rare
<u>Valonia</u> sp.	-	Rare

PHAEOPHYTA

<u>Species</u>	<u>Reproductive Status</u>	<u>Abundance Rating</u>
<u>Colpomenia sinuosa</u> (Roth) Derbes & Solier	-	Rare
<u>Dictyota bartayresiana</u> Lamouroux limu alani	-	Rare

RHODOPHYTA

<u>Species</u>	<u>Reproductive Status</u>	<u>Abundance Rating</u>
see Kaliko <u>Ahnfeltia concinna</u> J. Agardh limu 'aki'aki	-	Abundant
<u>Alsidium pacificum</u> Dawson	-	Occasional
<u>Amphiroa beauvoisii</u> Lamouroux	-	Rare
<u>Amphiroa</u> sp.	+	Occasional
<u>Anotrichium tenue</u> (C. Agardh) Naegeli	+	Frequent

need to look at specimens

<u>Centroceras clavulatum</u> (C. Agardh) Montagne	-	Common
<u>Ceramium clarionense</u> Setchell & Gardner	-	Rare
<u>Ceramium fimbriatum</u> Setchell & Gardner	-	Occasional
<u>Champia parvula</u> (C. Agardh) Harvey	+	Very Rare
<u>Chondria</u> sp. (1)	-	Rare
<u>Chondria</u> sp. (2)	+	Common
<u>Chondria repens</u> Boergesen	+	Occasional
<u>Coelothrix irregularis</u> (Harvey) Boergesen	-	Occasional
<u>Gelidiella myriocladia</u> (Boergesen) Feldmann & Hamel	-	Occasional
<u>Gelidiella</u> sp.	-	Common
<u>Gelidiopsis acrocarpa</u> (Harvey) Schmitz	+	Occasional
<u>Gelidiopsis</u> sp.	-	Occasional
<u>Gelidium crinale</u> (Turner) Lamouroux	-	Rare
<u>Gelidium pusillum</u> (Stackhouse) LeJolis	-	Common
<u>Gelidium</u> sp.	-	Rare
<u>Gracilaria</u> sp.	-	Very Rare
<u>Grateloupia filicina</u> (Wulfen) C. Agardh	-	Occasional
<u>limu huluhuluwaena</u>		
<u>Gelidium</u> sp. (Handwritten: <i>Gelidium flabelliformis</i> (Harvey) Masuda)	-	Occasional
<u>Gymnogongrus flabelliiforme</u> Harvey	-	Occasional
<u>limu ka'ele'ele</u>		
<u>Hydrolithon reinboldii</u> (Weber-van Bosse & Foslie) Foslie	-	Frequent
<u>Hypnea spinella</u> (J. Agardh) Kuetzing	+	Frequent
<u>Jania</u> sp. (3)	-	Rare

see
Kato

<u>Laurencia brachyclados</u> Pilger	+	Common
<u>Laurencia dotyi</u> Saito limu lipe'epe'e	-	Rare
<u>Laurencia</u> sp.	-	Occasional
<u>Polysiphonia delicatula</u> Hollenberg	+	Frequent
~~heapsiphonia~~ <u>Polysiphonia flaccidissima</u> Hollenberg	+	Frequent
? <u>Polysiphonia savatieri</u> Hariot	+	Rare
<u>Polysiphonia upolensis</u> (Grunow) Hollenberg	+	Occasional
<u>Pterocladia caerulescens</u> (Kuetzing) Santelices	-	Frequent
(<u>Taenioma perpusillum</u> (J. Agardh) J. Agardh) ~~Delessieria~~		Occasional
<u>Tolypiocladia glomerulata</u> (C. Agardh) Schmitz	-	Common