

Radioactivity of the Land Plants and Algae Collected at
Kabelle Island, Rongelap Atoll on 7/18/57

Plant	Tissue	No. of plants	*d/m/g	Ave.	
				d/m/g	uc/kg wet
<u>Nostoc</u> sp.	entire	several	426	426	0.194
<u>Microdictyon</u> <u>okamuraei</u>	entire	several	536 564	550	0.250
<u>Halimeda</u> <u>stuposa</u>	entire	several	124 92	108	0.049
<u>Caulerpa</u> <u>serrulata</u>	entire	several	150 124	137	0.062
<u>Halimeda</u> <u>opuntia</u>	entire	several	80 80	80	0.036
Coconut (green)	meat	4	100	103	0.047
			106		
			94		
			94		
			114		
(intermediate)			110		
(ripe)			132	132	0.060
			132		
Coconut (green)	milk	4	84	87	0.040
			106		
			40		
			124		
			72		
(intermediate)			88		
(ripe)			284	254	0.115
			224		
<u>Scaevola</u> <u>frutescens</u>	leaves	10	98) 62)	80	0.036
	back of stems		40) 46)	43	0.020
	fruits		36) 34)	35	0.016
	inside of stems		30) 52)	41	0.019

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Plant	Tissue	No. of plants	*d/m/g	Ave.	
				d/m/g	uc/kg wet
<u>Messerschmidia</u> <u>argentea</u>	Fruit and flowers	10	178) 136)	157	0.071
	leaves		148) 163)	158	0.072
<u>Guettarda</u> <u>speciosa</u>	fruits	20	88 60	74	0.034
<u>Sida</u> <u>fallax</u>	leaves	5	262 312	287	0.130

*wet weight