

Strontium-90 and Total Calcium in Pandanus collected
at Rongelap Island during March, 1959

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		Sr ⁹⁰ d/m/g dried	Sr ⁹⁰ μmc/g wet	Ca mg/g dried	Strontium units
Fruit edible portion	#1	6.8±0.6	0.9±0.5	3.16±0.28	978
	#2	37.6±2.0	3.4±0.2	9.00±0.03	1899
	#3	31.8±2.0	2.8±0.2	7.35±0.04	1966
	#4	7.3±0.8	0.8±0.1	4.13±0	799
	#5	11.5±0.6	1.0±0.5	2.99±0.08	1749
	Ave.		19.0	1.7	5.33
Fruit inedible portion	#1	11.3±0.7	1.0±0.05	2.84±0.12	1810
	#2	10.3±0.7	0.9±0.05	1.91±0.02	2450
	#3	13.9±0.8	1.3±0.1	4.09±0.14	1545
	#4	6.0±0.5	0.5±0.05	4.13±0.07	856
	#5	11.6±0.4	1.0±0.04	2.38±0.04	2214
	Ave.		10.6	0.9	3.70
Leaves	#1	27.9±1.7	4.2±0.3	7.71±0.05	1645
	#2	31.9±1.9	4.8±0.3	12.04±0	1204
	#3	64.2±3.3	9.7±0.5	20.91±0.04	1396
	#4	91.5±7.0	13.3±1.0	15.20±0.11	2736
	#5	2.8±0.6	0.42±0.10	17.46±0.05	73
	Ave.		43.7	6.6	14.66
Leaves, seedlings		78.3±4.3	11.9±0.7	11.31±0	3187

Errors given for radioactivity values are obtained from counting error.

Errors given for total calcium values are obtained from standard deviations of replicate analyses.

		Sr ⁹⁰ d/m/g dried	Sr ⁹⁰ μmc/g wet	Ca mg/g dried	Strontium units
Green Stem	#2	67.6 ± 3.4	30.7 ± 1.5	16.92 ± 0	1816
	#4	8.3 ± 0.3	3.8 ± 0.2	6.26 ± 0.08	600
Old bark	#2	14.1 ± 0.8	6.4 ± 0.4	4.59 ± 0.22	1397
New bark	#2	16.2 ± 3.2	7.4 ± 1.5	6.53 ± 0	1129
	#3	9.9 ± 2.0	4.5 ± 0.9	3.64 ± 0.25	1236
	#4	226. ± 12.	103. ± 5	3.49 ± 0.16	29383

Wet weight values for these samples are not available.

Errors given for radioactivity values are obtained from counting error.

Errors given for total calcium values are obtained from standard deviations for replicate samples.