

CONCENTRATION OF ¹³⁷CS IN SUBSISTENCE CROPS AND FISH AT ENEU ISLAND

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FOOD PRODUCT	NO. OF SAMPLES	AVERAGE CONCENTRATION PCl/G WET WEIGHT	RANGE OF CONCENTRATION PCl/G WET WEIGHT
COCONUT MEAT (GREEN)	6	22.7	3.5-48
COCONUT MEAT (INTER-MEDIATE)	9	16.5	4.8-32
COCONUT MEAT (MATURE)	31	30.9	5.3-117
COCONUT MEAT (SPROUTED, SPRINGY)	8	27	16-52
ALL COCONUT MEAT	54	27	3.5-117
COCONUT FLUID	28	13.5	1.2-44
BREADFRUIT	2	6.5	5.2-7.8
SQUASH	12	8.5	1.6-20
PAPAYA	18	14	1.6-31
BANANA	3	0.92	0.54-1.3
SWEET POTATO	2	3.6	2.3-5
WATERMELON	17	2.6	0.26-7.2
GARDEN FRUITS AND VEGETABLES (AVERAGE OF SQUASH, PAPAYA, BANANA, SWEET POTATO, WATERMELON)		5.9	
FISH (MULLET) ⁺	6	0.026 ⁺	
DOMESTIC MEAT		15*	

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+ FROM V. NOSHKIN

* ESTIMATED FROM BIKINI PIG DATA

CONCENTRATION OF ^{90}Sr IN SUBSISTENCE CROPS AND FISH AT ENEU ISLAND

FOOD PRODUCT	NO. OF SAMPLES	AVERAGE CONCENTRATION PCI/G WET WEIGHT	RANGE OF CONCENTRATION PCI/G WET WEIGHT
COCONUT MEAT	9	0.021	0.0033 - 0.052
COCONUT FLUID*	-	0.021*	-
BREADFRUIT	2	1.9	0.47 - 3.4
WATERMELON	8	0.031	0.012 - 0.063
SQUASH	6	0.054	0.024 - 0.15
PAPAYA	5	0.29	0.052 - 0.39
SWEET POTATO	1	0.13	-
GARDEN FRUITS AND VEGETABLES (AVERAGE OF WATERMELON, SQUASH, PAPAYA, SWEET POTATO)		0.13	
FISH (MULLET)		0.076 ⁺	
CLAMS		0.006 ⁺	
DOMESTIC MEAT		0.011 ^{**}	

* ASSUMED TO BE THE SAME AS COCONUT MEAT

+ FROM V. NELSON AND B. SCHELL

** FROM 1975 BIKINI DOSE ASSESSMENT

CONCENTRATION OF $^{239+240}\text{Pu}$ IN SUBSISTENCE CROPS AND FISH AT ENEU ISLAND

FOOD PRODUCT	NO. OF SAMPLES	AVERAGE CONCENTRATION PCI/G WET WEIGHT	RANGE OF CONCENTRATION PCI/G WET WEIGHT
COCONUT MEAT	9	2.8×10^{-5}	$4.1 \times 10^{-6} - 5.3 \times 10^{-5}$
COCONUT FLUID	-	2.8×10^{-5} *	-
BREADFRUIT	1	1.7×10^{-5}	-
WATERMELON	8	1.3×10^{-5}	$4.4 \times 10^{-6} - 2.0 \times 10^{-5}$
SQUASH	6	8×10^{-6}	$3.5 \times 10^{-6} - 1.9 \times 10^{-5}$
PAPAYA	3	8.3×10^{-6}	$6.5 \times 10^{-6} - 1.1 \times 10^{-5}$
GARDEN FRUITS AND VEGETABLE (AVERAGE OF WATERMELON, SQUASH, PAPAYA)		9.8×10^{-6}	
FISH (MULLET) ⁺	6	1.3×10^{-4} +	

* ASSUMED TO BE THE SAME AS COCONUT MEAT

+ FROM V. NOSHKIN

REPOSITORY PNNL
COLLECTION Marshall Islands
BOX No. 5684
FOLDER Untitled

DOCUMENT DOES NOT CONTAIN ECI

Reviewed by A. Schueller Date 4/30/97
