

U. S. NAVAL RADIOLOGICAL DEFENSE LABORATORY  
SAN FRANCISCO 24, CALIFORNIA

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TO FILE:

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SHC:lt

6 APR 1953

Dr. J. H. Harley  
Analytical Branch  
Manager of Operations  
U.S. AEC.  
P.O. Box 30, Ansonia Station  
New York 23, New York

Dear John:

I am enclosing a list with the names and numbers of the fish and marine samples recently collected. I hope that they all arrived in good shape. We do have duplicates on a number of the samples which will serve as cross checks. The plants, water and soil samples will be forwarded as soon as we can divide them. The urine samples which we are also forwarding represent the entire 24 hour volume collected from each individual. In addition we had planned to send a pooled urine sample to Martell and one to the Walter Reed group, but are forwarding these to you as per telephone conversation with Eisenbud.

Hope to see you in New York at the time of the Federation meetings - April 23, i believe.

Best regards,



STANTON H. COHN, PhD.  
Head, Internal Toxicity Branch

Enclosure:

(1) List of samples collected

<u>NUMBER</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>
<u>FISH:</u>		
<del>3334</del> 1508	<u>RONGELAP ATOLL</u> Rongelap Is. H-4	Unicorn (Naso Unicornus)
3335 69	" -	Mullet - (Ocean side)
33361519	" L-4	Surgeon (Acanthurus triostegus)
33371512	" G-4	Damsel (Pomacentrus nigracans)
33381521	" L-4	Sea Cucumber
<u>CRAB:</u>		
33391520	" L-4	Langousta Crab (Small)
33401503	" F-4	Red eye
33411529	" H-4	Grapsus
<u>CLAM:</u>		
33 <del>37</del> <sup>42</sup> 1509	" G-4	
33431513	" G-4	
<u>SNAIL:</u>		
33441530	" G-4	Spider
33451504	" F-4	Ass't - (Small)
<u>CORAL:</u>		
33461522	" G-4	
<u>FISH:</u>		
33471009	<u>Kabelle</u> A-3	Black tip shark (Eulamia melanoptera)
33481536	" A-4	Trigger - (Balistes)
33491537	" A-4	Siganus
33501541	" A-4	Butterfly
33511542	" A-4	Damsel - (Pomacentrus)



<u>NUMBER</u>	<u>LOCATION</u>		<u>DESCRIPTION</u>
<u>FISH:</u> (Ailingnae)			
33641551B	<u>Sifo Is.</u>	F-4	Snapper (Letharinus)
33651553	"	F-4	Squirrel
33661550	"	F-4	Siganus
33671552	"	F-4	Angel
33681551D	"	F-4	Sergeus ?
33691555	"	F-4	Butterfly
<u>CRABS:</u>			
3370 661	"	B-1	Hermit
3371 670	"	B-1	Hermit
33721021	"	C-3	Small Crabs & Snails (Grapsus)
<u>FISH:</u>			
	<u>RONGELIK</u>		
3373 1566	<u>Eniwetak Is.</u>	A-4	Snapper (Lutianus)
3374 1564	"	A-4	Damsel -(Kasmira)
3375 1559B	"	A-4	Unicorn (Naso Unicornus)
3376 1559C	"	A-4	Surgeon (Acanthurus achilles)
<u>FISH:</u>			
3377 1608	<u>Likiep Is.</u>	A-4	Sea Bass (Plectropomus)
3378 1610	"	B-4	Siganus (Siganide)
3379 1606	"	A-4	Butterfly
3380 1615	"	B-4	Damsel
<u>CORAL:</u>			
3381 1617	"	A-4	

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FISH:

<u>NUMBER</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>
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(Utirik)

FISH:

33821579	Utirik Is.	B-4 Parrot (Scarus)
33831593	"	D-4 Stripped surgeon (Acanthurus triostegus)
33841574	"	C-4 Damsel (Pomacentrus nigricans)
33851577	"	C-4 "
33861594	"	D-4 Squirrel - (Holocentrus)
33871572	"	C-4 Surgeon (Acanthurus)

CRAB:

3388 1595	"	D-4 Reef crab (Ca <sub>n</sub> cer)
3389 1590	"	D-4 Sand
3390 1600	"	D-4 Hermit

SNAILS:

3391/1598	"	A-4 Asst.
33921575	"	A-4 (Cone shell)

CORAL:

33931601	"	
33941589	"	B-4

Haul # 3603 1598 pky. 2"  
 3604 1998/3 " "

snails (not listed) from Utirik \*  
 starfish "

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5002373  
 \* see letter from Cohn, NRDL, dated 2 May 1956

#	NRDL #	TYPE	SOURCE	WET WT (gr)	DIL VOL (ml)	
3326	1636	snail	spider	Gejen	91.4	250
*3327	1637	snail	spider	Gejen	90	250
3328	1638	snail	scorpion	Gejen	56	250
3329	1639	snail	scorpion	Gejen	40	250
3334	1508	fish	unicorn	Rongelap		
3335	1569	fish	mullet	Rongelap		
3338	1521	fish	sea cucumber	Rongelap		
3339	1520	crab	langousta	Rongelap		
3340	1503	crab	red eye	Rongelap		
3341	1529	crab	grapsus	Rongelap		
3342	1509	clam		Rongelap		
3343	1513	clam		Rongelap		
3344	1530	snail	spider	Rongelap		
3345	1504	snail	assorted	Rongelap		
3347	1009	fish	shark	Kabelle		
3348	1536	fish	trigger	Kabelle		
3349	1537	fish	siganus	Kabelle	560	500
3352	737	snail	helmet	Kabelle		
3353	1620	fish	snapper	Gejen		
3355	1623	fish	squirrel	Gejen	410	500
3356	1632	crab	red eye	Gejen		
3358	1525B	fish	parrot	Eniwetak		
3359	1523	fish	angel	Eniaetok	99	500
3360	1525E	fish	goatfish	Eniaetok		
3361	1525A	fish	scarus	Eniaetok	140	500
3362	1026	crab	assorted	Eniaetok	57 ) 41 ) 191)	crabs 500) sea urchin 250) shells 250)
3364	1551	fish	snapper	Sifo	650	500
3365	1553	fish	squirrel	Sifo	52	250
3366	1550	fish	siganus	Sifo	590	500
3367	1552	fish	angel	Sifo	147	500
3368	1551D	fish	sergens	Sifo	185	500
3370	661	crab	hermit	Sifo	55	250
3371	670	crab	hermit	Sifo	44	250
3372	1021	crab	assorted	Sifo	234 81	crabs 500) snails 500)
3373	1566	fish	snapper	Eniwetak	185	500
3375	1559B	fish	unicorn	Eniwetak	93	250
3377	1608	fish	sea bass	Likiep	457	1000
3378	1610	fish	siganus	Likiep	380	500
3382	1579	fish	parrot	Uterik	346	500
3386	1594	fish	squirrel	Uterik		
3388	1595	crab	reef	Uterik	104	500
3389	1590	crab	sand	Uterik	46	250

\*Represent 100  
250

5002374

HASL #	NRDL #	TYPE	SOURCE	WET WT (gr)	DIL VOL (ml)	
3390	1600	crab	hermit	Uterik	17 18	shell 250 crab 250
3391	1598	snail	assorted	Uterik		
3392	1575	snail	cone shell	Uterik		

5002375