

5  
6  
24  
26

13  
87

Bottom  
fauna  
Data  
Sheets

1958-RT  
#29 April - 5 June  
(1<sup>st</sup> Leg Cruise)

*Return to the Rain.*  
J. L. DARLING CORP.  
BROWNS POINT  
COMM. WASH. D. C. U. S. A.

29 - May 26

{ April 29 - May 26 }  
+  
{ May 27 - June 3 } ROUND 1

Date 4/29/58 Pos Z-5 Sam No 900# lift Sm Wt 21318 No Bags 21318  
J. L. DARLING CORP. TACOMA, WASH. U.S.A.

Date	Pos	Sam No	Sm Wt	No Bags
4/29/58	Z-5			
Lem. Sole	4000	Starfish		Polyche -
Flathead	1500	Br. Star		Squid -
Flounder	-	bsk. Str		Oyster -
Yellowfin	50	Cucmbr		Octopus -
Turbot	8500	C. Urchn		
Halibut	-	San Dolr		
Cod	-	H. Urchn		
Skate	2	Snails	1	
Bullhead	176	Clam	-	
		Sponge	2	
		Echurc		
		Anenom	12	
Tanner	41	Hydroc		
H. M.	6	Cr. Pen		
Horn	2	C. Wnp.		
Kelp	-	Barncl		
Spider	-	Tunic		
Shrimp	3#	Flat W		
C Slug	-	Anelid		
Coral	-	Bryoz		
Algae		Chitin		
Phicid		Scallop		
Priapul		Oyster		

Date	Pos	Sam No	SMWT	No Bags
4/29/58	Sta A-5	Bugged <del>near 19</del> hermit		Z-1311 1000 <del>left</del>
Lem. Sole	11	Starfish	50	Polyche -
Fl thead	180	Br. Star	-	Squid -
Flounder	-	Bsk. Str	-	OysterJ -
Yellowfin	60	Cucmbr	-	Octopus -
Turbot	1100	C. Urchn	-	
Halbut	59	San Dolr	-	
Cod	1	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	30	Clam	-	
		Sponge	-	
		Echurc	-	
<i>Kenig</i>	13	Anenom	1	
Tanner	68	Hydrod	-	
Hairy	-	C. Pan	-	
Hermit	-	C. Wap	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	50	Flat W	-	
C Sluz	-	Anelid	-	
Coral	-	Bryo?	-	
Algae	-	Chitin	-	
Phrcro	-	Scallop	-	
Priapul	-	ROyster	-	

Date	Pos	Sam No	SMWT	No Bags
4/30/58	Sta A-6	about 1/2 <del>hermit</del>		Z-1312 Return to Pen.
Lem. Sole	600	Starfish	35	Polyche
Flathead	18	Br. Star	-	Squid
Flounder	6	bsk. Str	-	OysterJ
Yellowfin	-	Cucmbr	-	Octopus
Turbot	-	C. Urchn	-	
Halbut	40	San Dolr	1	
Cod	8	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	350	Clam	-	
Rock Sole	1800	Sponge	<i>much broken</i>	T 19 35 15
Smelt	100 <sup>+</sup>	Echurc	-	5 4
		Anenom	-	28
Tanner	8	Hydrod	-	12
Hairy	12	C. Pan	-	59
Hermit	6	C. Wap	-	10
Kelp	-	Barncl	-	2
Spider	-	Tunic	-	28
Shrimp	-	Flat W	-	
C Sluz	-	Anelid	-	
Coral	-	Bryo?	-	
Algae	1	Chitin	-	
Phrcro	-	Scallop	-	
Priapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	SMWt	No Bags
4/30/58		about 1/4 of	(900# Total)	2-1314
	B-7	mount in bag		
Lem. Sole	7ea	Starfish	1000	Polycha -
Flathead	150	Br. Star	-	Squid -
Flounder	2	Bsk. Str	-	Oyster J -
Yellowfin	-	Cucmbr	-	Octopus -
Turbot	60	C. Urchn	-	
Halbut	118	San Dolr	1	
Cod	3	H. Urchn		
Skate	-	Snails	-	
Bullhead	68	Clam	-	
smelt	80	Sponge	Broken 5 gal	
Shad fish	4	Echurd	-	
Black Cat	4	Anenom	1	
Tanner	186	Hydrod	-	
nairy	-	C. Pen	-	
hermit	4	C. Whp	-	
Kelp	1	Barncl	-	
Spider	-	Flat W	-	
Shrimp	-	Anelid	-	
C Slu?	-	Bryoz	-	
Coral				
Algae		Chitin	-	
Phrcr.c		Scallop	-	
Friapul		ROyster	-	

Bags

30

lower

Date									
4/30									
Lem. Sole									
Flathead									
Flounder									
Yellow									
Turbot									
Halbut									
Cod									
Skate									
Bullhead									
smelt									
Small fish									
Black									
Tanner									
nairy									
herm									
Kelp									
Spider									
Shrimp									
C Slug									
Coral									
Algae									
Phron									
Friapul									

Date	Pos	Sam No	Sm Wt	No Bags
5/1/58	B-8	1000 <sup>th</sup> lift	400 <sup>th</sup> smelt	2-1330 <i>from the Pan.</i>
Lem. Sole	50	Starfish	2000	Polyche -
Flathead	170	Br. Star	-	Squid -
Flounder	20	Bsk. Str	1	Oyster J -
Yellowfin	800	Cucmbr	-	Octopus -
Turbot	-	C. Urchn	-	
Halbut	36	San Dolr	-	
Cod	100	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	130	Clam	few empty	
smelt	4	Sponge	2000	15 halover
seapoodle	150	Ecturo	-	
		Anenom	-	
Tanner	400 <sup>+</sup>	Hydrod	-	
Har	-	C. Pen	-	
Herm t	2000	C. Whp	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	-	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phron	-	Scallop	-	
Friapul	-	Royster	-	

4

5

Date	Pos	SamNo	SmWt	No Bags
5/1/58	C-8	took 1/15 sample	1000 # left	2-1331
Lem. Sole	76	Starfish	1100	Polyche
Flathead	60	Br. Star	—	Squid
Flounder	—	Bsk. Str	—	Oyster
Yellowfin	1500	Cucmbr	—	Octopus
Turbot	51 am	C. Urchn	—	
Halbut	105	San Dolr	—	
Cod	2	H. Urchn	—	
Skate	1	Snails	—	
Bullhead	14	Clam	—	
Seaparche	40	Sponge	900?	
Blanket	5	Echurc	—	
Eulachon	7	Anenom	—	
Tanner	250	Hydrod	—	
Harry	—	C. Pen	57	9
Hermit	900	C. Whp	26	95
Kelp	1	Barncl	22	52
Spider	—	Tunic	10.5	15.6
Shrimp	30	Flat W	—	
C Sluz	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phronc	—	Scallop	—	
Priapul	—	ROyster	—	

Date	Pos	SamNo	SmWt	No Bags
5/1/58	C-9	about 900 # left	sample about 100 #	2-1333 Also 20 cans.
Lem. Sole	19	Starfish	1000	Polyche
Flathead	100	Br. Star	—	Squid
Flounder	9	Bsk. Str	—	Oyster
Yellowfin	2500	Cucmbr	1	Octopus
Turbot	—	C. Urchn	—	
Halbut	26	San Dolr	—	
Cod	2	H. Urchn	—	
Skate	—	Snails	1	
Bullhead	118	Clam	4	18
Seaparche	100	Sponge	1000	3
Sandfish	150	Echurc	—	2
		Anenom	—	3
Tanner	100	Hydrod	—	
Harry	3	C. Pen	—	
Hermit	200	C. Whp	—	
Kelp	—	Barncl	—	
Spider	1	Tunic	—	
Shrimp	50	Flat W	—	
C Sluz	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phronc	—	Scallop	—	
Priapul	—	ROyster	—	

Date	Pos	Sam No	SM Wt	No Eggs
5/2/58	D-9	about 2500x left	about 1000x sponge	Z1334
Lem. Sole	—	Starfish	20	Polyche
Fl thead	—	Br. Star	—	Squid
Flounder	—	Bsk. Str	—	OysterJ
Yellowfin	1000	Cucmbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	61 <sup>r</sup>	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	—	
Bullhead	5	Clam	—	
		Sponge	1000 <sup>x</sup> broken	
		Echurc	—	
		Anenom	—	
Tanner	120	Hydrod	—	
nairy	15	C. Pen	—	
Hermit	20	C. Wnp	—	
Kelp	—	Barncl	—	
Spider	—	Tunic	—	
Shrimp	2	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Friend	—	Scallop	—	
Friapul	—	Royster	—	

Date	Pos	Sam No	SM Wt	No Bag
5/2/58	D-10	500 <sup>th</sup> lift about 1/2 weight in sample		Z-1337 Return to owner
Lem. Sole	1000	Starfish	20	Polyche
Flathead	—	Br. Star	—	Squid
Flounder	—	Bsk. Str	1	OysterJ
Yellowfin	1000	Cucmbr	1	Octopus
Turbot	50 sm	C. Urchn	—	
Halbut	10	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	shell	
Bullhead	12	Clam	1	
		Sponge	500 <sup>th</sup>	
		Echurc	—	
		Anenom	1	
Tanner	15 <sup>f</sup>	Hydrod	—	
Hairy	25	C. Pen	—	
Hermit	50	C. Wnp	—	
Kelp	1	Barncl	—	
Spider	—	Tunic	—	
Shrimp	20	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Friend	—	Scallop	—	
Friapul	—	Royster	—	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5/3/58	D-11	2000# left about 1/2 murt in Sample	mostly stars	21338
Lem. Sole	4	Starfish	1500	Polycha
Flathead	—	Br. Star	—	Squid
Flounder	6	Bsk. Str	—	Oyster
Yellowfin	1000	Cucumbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	50	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	—	
Bullhead	60	Clam	2	
Sepia	150	Sponge	4	
Myxozoa	1	Echurd	—	
		Anenom	—	
Tanner	40	Hydrod	—	
Hairy	20	C. Pen	—	
Hermit	10	C. Wnp	—	
Kelp	—	Barncl	—	
Spider	—	Tunic	—	
Shrimp	100	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phorc	—	Scallop	—	
Friapul	—	Royster	—	

Date	Pos	Sam No	Sm Wt	No Bags
5/3/58	E-11	about 2500# 1010# sponge	left	21339
Lem. Sole	2	Starfish	50	Polycha
Flathead	15	Br. Star	4	Squid
Flounder	—	Bsk. Str	—	Oyster
Yellowfin	500	Cucumbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	35	San Dolr	3	
Cod	—	H. Urchn	—	
Skate	—	Snails	shells 4 lb	32 T 11 H
Bullhead	—	Clam	1000# 1	29 3
		Spong	2	21
		Echurd	—	
		Anenom	—	
Tanner	161	Hydrod	—	
Hairy	15	C. Pen	—	
Hermit	10	C. Wnp	—	
Kelp	10	Barncl	10	
Spider	150	Tunic	—	
Shrimp	50	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phorc	—	Scallop	—	
Friapul	—	Royster	—	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312



Date	Pos	Sam No	SMWT	No Bags
5/3/58	E-12	3500 <sup>#</sup> <i>lift</i>		2-1303
Lem. Sole	—	Starfish	300	Polycha
Fl thead	—	Br. Star	2	Squid
Flounder	10	Bsk. Str	2	Oyster J
Yellowfin	1500	Cucmbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	14	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	shell	Bottle w
Bullhead	50	Clam	6	4 Crabs
		Sponge	2000 <sup>#</sup>	from E-11
		Echurd	—	
		Anenom	—	58
Tanner.	464	Hydrod	—	
Hairy	30	C. Pen	—	
Herm. t	100	C. Whg	—	
Kelp	—	Barncl	—	
Spider	100	Tunic	—	
Shrimp	100	Flat W	—	
C Slug	1	Anellid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Thorcod	—	Scallop	—	
Triapul	—	Royster	—	

Date	Pos	Sam No	SMWT	No Bags
5-4-58	E-12	3500 <sup>#</sup>		2-1302
<small>J. L. DARLING CORP. TACOMA, WASH., U.S.A.</small>				
Lem. Sole	35	Starfish	25	Polycha
Fl. thead	—	Br. Star	4	Squid
Flounder	6	Bsk. Str	—	Oyster J
Yellowfin	2000	Cucmbr	30	Octopus
Turbot	—	C. Urchn	—	
Halbut	6	San Dolr	—	
Cod	1	H. Urchn	—	
Skate	—	Snails	15	
Bullhead	25	Clam	10	23 82
		Sponge	500 <sup>#</sup>	2 15
		Echurd	—	97
		Anenom	—	
Tanner.	97	Hydrod	many	
Hairy	25	C. Pen	—	
Herm. t	50 <sup>#</sup>	C. Whg	—	
Kelp	—	Barncl	—	
Spider	1	Tunic	—	
Shrimp	50	Flat W	—	
C Slug	—	Anellid	—	
Coral	1	Bryoz	—	
Algae	—	Chitin	—	
Thorcod	—	Scallop	—	
Triapul	—	Royster	—	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5-4-58	F-13	6002 Ct	about 1/20 mi. in sample	Z1301
Lem. Sole	—	Starfish	20	Polyche
Fl. thead	—	Br. Star	40	Squid
Flounder	—	Bsk. Str	40	Oyster
Yellowfin	1000	Cucmbr	8	Octopus
Turbot	—	C. Urchn	—	
Halbut	2	San Dolr	—	
Cod	2	H. Urchn	—	
Skate	—	Snails	5 shells	
Bullhead	4	Clam	4	
		Sponge	100%	
		Echurd	—	
		Anenom	—	
Tanner	32	Hydrod	—	
Hairy	6	C. Pen	—	
Hermit	500	C. Wnp	—	
Kelp	20	Barncl	—	
Spider	10	Tunic	—	
Shrimp	200	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	2	Chitin	—	
Phrono	—	Scallop	—	
Friapul	—	Royster	—	

Date	Pos	Sam No	Sm Wt	No Bags
5/5/58	F14	1200 Ct	about 1/40 in sample	Z1322
Lem. Sole	—	Starfish	900	Polyche
Fl. thead	1000	Br. Star	—	Squid
Flounder	5	Bsk. Str	30	Oyster
Yellowfin	1000	Cucmbr	2	Octopus
Turbot	—	C. Urchn	—	
Halbut	—	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	6	
Bullhead	45	Clam	—	
		Sponge	30%	
		Echurd	—	
		Anenom	—	
Tanner	7	Hydrod	—	
Hairy	1	C. Pen	—	
Hermit	150	C. Wnp	—	
Kelp	—	Barncl	—	
Spider	—	Tunic	—	
Shrimp	—	Flat W	—	
C Slug	—	Anelid	—	
Coral	1	Bryoz	—	
Algae	2	Chitin	—	
Phrono	—	Scallop	—	
Friapul	4	Royster	—	

Date	Pos	Sam No	Sm Wt	No Bags	Date	Pos	Sam No	Sm Wt	No Bags
5/5/58	G-14	1600 <sup>2</sup> <i>left</i>	1050 <sup>2</sup> <i>count</i>	Z-1320			<del>1900<sup>2</sup></del> <i>left</i>		Z-1329 <i>Return to Bureau</i>
J. L. DARLING CORP. TACOMA, WASH. U.S.A.									
Lem. Sole		Starfish	75	Polycha	Lem. Sole		Starfish		Polycha
Fl theac		Br. Star		Squid	Flathea o		Br. Star		Squid
Flounder		Bsk. Str	100	Oyster	Flounder		Bsk. Str		Oyster
Yellowfin	800	Cucmbr	1000	Octopus	Yellowfin		Cucmbr		Octopus
Turbot		C. Urchn	2	<i>snails 100</i>	Turbot		C. Urchn		
Halbut	1	San Dolr			Halbut		San Dolr		
Cod		H. Urchn			Cod		H. Urchn		
Skate		Snails			Skate		Snails		
Bullhead	30	Clam	25 <sup>#</sup>		Bullhead		Clam		
		Sponge	50				Sponge		
		Echurd					Echurd		
		Anenom					Anenom		
Tanner.	18	Hydrod	<i>many</i>		Tanner.		Hydrod		
Hairy	5	C. Pen			Hairy		C. Pen		
Hermit	150	C. Whp			Hermit		C. Whp		
Kelp		Barncl	10		Kelp		Barncl		
Spider	50	Tunic			Spider		Tunic		
Shrimp	500	Flat W			Shrimo		Flat W		
C Slug		Anellid			C Slug		Anellid		
Coral	2	Bryoz			Coral		Bryoz		
Algae		Chitin			Algae		Chitin		
Phoroc		Scallop			Phoroc		Scallop		
Friapul		ROyster			Friapul		ROyster		

Date	Pos	Sam No	Sm Wt	No Bags
5/5/59	G-15	1400* left mostly clean		21321
Lem. Sole	-	Starfish	2000	Polyche -
Fl thead	-	Br. Star	25	Squid -
Flounder	15	Bsk. Str	25*	Oyster J -
Yellowfin	2000	Cucmbr	-	Octopus -
Turbot	-	C. Urchn	-	
Halbut	-	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	50 shell	
Bullhead	75	Clam	25 shell	
		Sponge	10*	
		Echurd	-	
		Anenom	-	
Tanner	2	Hydrod	-?	
Hairy	-	C. Pen	-	
Hermit	100	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	-	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phron c	-	Scallop	-	
Friapul	-	Oyster	-	
* may be last haul				

Date	Pos	Sam No	Sm Wt	No Bags
5/6/58	H-15	1700* left Cucumbers	Bulk of with	21323 Rita in the Rain
Lem. Sole	-	Starfish	200	Polyche
Flathead	700	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster J
Yellowfin	1000	Cucmbr	600	Octopus
Turbot	-	C. Urchn	1	
Halbut	-	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	300 shells	
Bullhead	150	Clam	6	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	3.	
Hairy	-	C. Pen	-	
Hermit	300	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	10	Tunic	-	
Shrimp	100	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phron c	-	Scallop	-	
Friapul	-	Oyster	-	

BOOK-NO. 310

FILLER-NO. 311

LOOSE LEAF-NO. 312

Date	Pos	SamNo	SmWt	No Bags
5-6-58	H-14	<i>Hermit</i> 900 <i>left</i>		21309
Lem. Sole	—	Starfish	<i>ex</i> 200	Polycha
Flathead	—	Br. Star	—	Squid
Flounder	4	bsk. Str	25	Oyster
Yellowfin	1500	Cucmbr	150	Octopus
Turbot	—	C. Urchn	—	
Halbut	1	San Dolr	1	
Cod	—	H. Urchn		
Skate	—	Snails	25	
Bullhead	75	Clam	25	
<i>Smelt</i>	200	Sponge	100 <sup>th</sup>	
		Echurd	—	
		Anerom	—	
Tanner	2	Hydrod	<i>in net</i> <i>many</i>	
Hairy	3	C. Pen	—	
Hermit	150	C. Whp	—	
Kelp	1	Barncl	5	
Spider	2	Tunic	—	
Shrimp	100	Flat W	—	
C Sluz	—	Anelid	—	
Coral	)	Bryoz	—	
Algae	—	Chitin	—	
Phrcrc	—	Scallop	—	
Friapul	—	Oyster	—	

Date	Pos	SamNo	SmWt	No Bags
5/6/58	I-14	1000 <i>left</i>		21308 <i>Return to him</i>
Lem. Sole	500	Starfish	—	Polycha
Flathead	800	Br. Star	—	Squid
Flounder	—	bsk. Str	—	Oyster
Yellowfin	1500	Cucmbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	—	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	—	
Bullhead	50	Clam	—	
		Sponge	—	
		Echurd	—	
		Anerom	—	
Tanner	—	Hydrod	—	
Hairy	5	C. Pen	—	
hermit	50	C. Whp	—	
Kelp	—	Barncl	—	
Spider	—	Tunic	—	
Shrimp	—	Flat W	—	
C Sluz	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phrcrc	—	Scallop	—	
Friapul	—	Oyster	—	

Date	Pos	SamNo	SmWt	No Bags	Date	Pos	SamNo	SmWt	No Bags
5/7/58	I-13	1700 # left in gully sided		Z-1307	5-7-58	J-13	2500 # all fish		Z-1306 Return the Rain
Lem. Sole	10	Starfish	200	Polyche	Lem. Sole	12	Starfish	50	Polyche
Flathead	-	Br. Star	-	Squid	Flathead	-	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster	Flounder	15	Bsk. Str	-	Oyster
Yellowfin	300	Cucmbr	2	Octopus	Yellowfin	2500	Cucmbr	25	Octopus
Turbot	-	C. Urchn	-		Turbot	-	C. Urchn	-	
Halbut	-	San Dolr	-		Halbut	3	San Dolr	-	
Cod	-	H. Urchn	-		Cod	-	H. Urchn	-	
Skate	-	Snails	-		Skate	-	Snails	-	
Bullhead	75	Clam	1		Bullhead	200	Clam	2	
		Sponge	10 #				Sponge	25 #	
		Echurd	-				Echurd	-	
		Anenom	-				Anenom	-	
Tanner	-	Hydrod	-		Tanner	-	Hydrod	-	
Hairy	5	C. Pen	-		Hairy	10	C. Pen	-	
Hermit	-	C. Whp	-		Herm t	50	C. Whp	-	
Kelp	-	Barncl	-		Kelp	-	Barncl	-	
Spider	5	Tunic	-		Spider	10	Tunic	-	
Shrimp	50	Flat W	-		Shrimo	200	Flat W	-	
C Slug	-	Anelid	-		C Slug	1	Anelid	-	
Coral	-	Bryoz	-		Coral	1	Bryoz	-	
Algae	-	Chitin	-		Algae	1	Chitin	-	
Phrocc	-	Scallop	-		Phrocc	-	Scallop	-	
Friapul	-	ROyster	-		Friapul	-	ROyster	-	

BOOK-NO. 310

FILLER-NO. 311

LOOSE LEAF-NO. 312

Date	Pos	SamNo	SmWt	No Bags
5-7-58	J-12	700# left		21305
Lan. Sole	70	Starfish	90	Polyche
F. head	-	Br. Star	-	Squid
F. under	10	Bsk. Str	-	OysterJ
Yellowfin	1000	Cucmbr	10	Octopus
Turbot	-	C. Urchn	-	
Halbut	1	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	50	Clam	1	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	-	
Hairy	4	C. Pen	-	
Hermit	-	C. Whp	-	
Kelp	-	Barncl	-	
Spider	2	Tunic	-	
Shrimp	20	Flat W	-	
Sluz	-	Anellid	-	
Coral	1	Bryoz	-	
Algae	-	Chitin	-	
Phryc	-	Scallop	-	
Triapul	-	Oyster	-	

Date	Pos	SamNo	SmWt	No Bags
5-10-58	K-11	700# left		21329 Return all Rain
Lem. Sole	10	Starfish	1000	Polyche
Flathead	-	Br. Star	-	Squid
Flounder	2	Bsk. Str	-	OysterJ
Yellowfin	1000	Cucmbr	1	Octopus
Turbot	-	C. Urchn	-	
Halbut	-	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	40	Clam	-	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	-	
Hairy	-	C. Pen	-	
Herm. t	50	C. Whp	-	
Kelp	-	Barncl	-	
Spider	12	Tunic	-	
Shrimp	-	Flat W	-	
C Sluz	-	Anellid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phryc	-	Scallop	-	
Triapul	-	Oyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	SMW	No Bags
5-10-58	J-11	2000# left 1000# rock		2-1304
Lem. Sole	50	Starfish	1500	Polyche
Flathead	-	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster J
Yellowfin	1000	Cucmbr	50	Octopus
Turbot	-	C. Urchn	-	
Halbut	2	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	25	
Bullhead	50	Clam	10	
Hermit	7 lge	Sponge	-	
Smelt	many	Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	some	
Hairy	15	C. Pen	-	
Hermit	50	C. Wnp	-	
Kelp	-	Barncl	25	
Spider	75	Tunlc	-	
Shrimp	500	Flat W	-	
C Sluz	-	Anellid	-	
Coral	40	Bryoz	-	
Algae	10	Chitin	-	
Phrope	-	Scallop	-	
Friapul	-	ROyster	-	

Date	Pos	Sam No	SMW	No Bags
5/10/58	L-11	1800# left		2-1324 <i>Return to the Rain</i>
Lem. Sole	50	Starfish	1000	Polyche
Flathead	-	Br. Star	-	Squid
Flounder	-	Bsk. Str	50	Oyster J
Yellowfin	2000	Cucmbr	-	Octopus
Turbot	-	C. Urchn	-	
Halbut	23	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	100	Clam	1	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	-	
Hairy	40	C. Pen	-	
Hermit	25	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	75	Tunlc	-	
Shrimp	100	Flat W	-	
C Sluz	-	Anellid	-	
Coral	3	Bryoz	-	
Algae	-	Chitin	-	
Phrope	-	Scallop	-	
Friapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312



Date	Pos	Sam No	Sm Wt	No Bags
Spots	I-12	1200		21327
	FF	lift		
Lem. Sole	100	Starfish	200	Polyche
Flathead	-	Br. Star	-	Squid
Flounder	-	bsk. Str	50	Oyster J
Yellowfin	2000	Cucmbr	20	Octopus
Turbot	-	C. Urchn	-	
Halbut	10	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	10	
Bullhead	50	Clam	2	
		Sponge	1	
		Echurd	-	
		Anenom	-	
Tanner	-	Hydrod	Some	
hairy	20	C. Pen	-	
Hermit	50	C. Whp	-	
Kelp	-	Barncl	-	
Spider	3	Tunic	-	
Shrimp	150	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phro	-	Scallop	-	
Friapul	-	ROyster	-	

Date	Pos	Sam No	Sm Wt	No Bags
5-10-8	H-13	1200		21328
		lift		
Lem. Sole	-	Starfish	50	Polyche
Flathead	-	Br. Star	-	Squid
Flounder	-	bsk. Str	50	Oyster J
Yellowfin	2000	Cucmbr	25	Octopus
Turbot	-	C. Urchn	-	
Halbut	10	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	30	
Bullhead	50	Clam	-	
		Sponge	1	
		Echurd	-	
		Anenom	-	
Tanner	14	Hydrod	-	
hairy	27	C. Pen	-	
hermit	50	C. Whp	-	
Kelp	-	Barncl	-	
Spider	20	Tunic	-	
Shrimp	50	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phro	-	Scallop	-	
Friapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

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Date	Pos	Sam No	Sm Wt	No Bags
5/11/58	G-13	2000 <sup>#</sup> left		21359
Lem. Sole	100	Starfish	—	Polychē
Flathead	—	Br. Star	—	Squid
Flounder	—	Bsk. Str	200	Oyster J
Yellowfin	2000	Cucmbr	200	Octopus
Turbot	—	C. Urchn	—	
Halbut	3	San Dolr	—	
Cod	—	H. Urchn	—	
Skate	—	Snails	25 shells	
Bullhead	50	Clam	5 "	
		Sponge	10	
		Echud	—	
		Anenom	—	
Tanner	100	Hydrod	—	
hairy	100	C. Pen	—	
hermit	50	C. Whp	—	
Kelp	—	Barncl	—	
Spider	25	Tunic	—	
Shrimp	50	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phro	—	Scallop	—	
Friapul	—	Royster	—	

Date	Pos	Sam No	Sm Wt	No Bags
5-12-58	F-11	2000 <sup>#</sup> left		21349
Lem. Sole	20	Starfish	30	Polychē
Flathead	—	Br. Star	10	Squid
Flounder	—	bsk. Str	—	Oyster J
Yellowfin	1500	Cucmbr	—	Octopus
Turbot	—	C. Urchn	—	
Halbut	20 <sup>#</sup>	San Dolr	—	
Cod	15	H. Urchn	—	
Skate	—	Snails	40	
Bullhead	15	Clam	—	
		Sponge	2000 <sup>#</sup>	
		Echud	—	
		Anenom	—	
Tanner	70	Hydrod	few	
hairy	3	C. Pen	—	
Hermit	—	C. Whp	—	
Kelp	—	Barncl	—	
Spider	1	Tunic	—	
Shrimp	500	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryo	—	
Algae	—	Chitin	—	
Phro	—	Scallop	—	
Friapul	—	RCy. er	—	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags	Date	Pos	Sam No	Sm Wt	No Bags
5-12-58	K-10	1250# lift		Z 1346	5-17-58	E-10	600# lift		Z 1343
Lem. Sole	25	Starfish	10	Polyche	Lem. Sole	30	Starfish	1	Polyche
Flathead	2	Br. Star	5	Squid	Flathead	-	Br. Star	10	Squid
Flounder	-	bsk. Str	-	Oyster	Flounder	-	Bsk. Str	-	Oyster
Yellowfin	500	Cucmbr	-	Octopus	Yellowfin	1000	Cucmbr	1	Octopus
Turbot	-	C. Urchn	-		Turbot	30 lbs	C. Urchn	-	
Halbut	-	San Dolr	-		Halbut	38	San Dolr	-	
Cod	-	H. Urchn	-		Cod	2	H. Urchn	-	
Skate	-	Snails	Shells		Skate	-	Snails	-	
Bullhead	30	Clam	25		Bullhead	40	Clam	200#	
		Sponge	1000#				Sponge	200#	
		Echurd	-				Echurd	-	
Tanner	187	Anenom	-		Tanner	92	Anenom	-	31 hairy
Hairy	3	Hydrod	-		Hairy	14	Hydrod	-	6
Herm t		C. Pen	-		Herm t	20	C. Pen	-	
Kelp		C. Wnp	-		Kelp	-	C. Wnp	-	
Spider	1	Barncl	-		Spider	1	Barncl	-	
Shrimp	300	Tunic	-		Shrimp	800	Tunic	-	
C Sluz	-	Flat W	-		C Sluz	-	Flat W	-	
Coral	-	Anelid	-		Coral	1	Anelid	-	
		Bryoz	-				Bryoz	-	
Algae	-	Chitin	-		Algae	-	Chitin	-	
Phro c	-	Scallop	-		Phro c	-	Scallop	-	
Friapul	-	Royster	-		Friapul	-	Royster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5/13/58	E-9	600 <sup>#</sup> left		21344
Lem. Sole	50	Starfish	4	Polyche -
Flathead	100	Br. Star	4	Squid -
Flounder	-	Bsk. Str	-	OysterJ -
Yellowfin	1000	Cucmbr	1	Octopus -
Turbot	50	C. Urchn	-	
Halbut	30	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	1	
Bullhead	-	Clam	-	
		Sponge	200 <sup>#</sup>	
		Echurd	-	
		Anenom	-	
Tanner	90	Hydrod	Some	
Hairy	2	C. Pen	-	
Herm it	-	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	1	Tunic	-	
Shrimp	50	Flat W	-	
C Slug	-	Anellid	-	
Coral	-	Bryoz	-	
Algae	1	Chitin	-	
Phrc	-	Scallop	-	
Friapul	-	ROyster	-	

Date	Pos	Sam No	Sm Wt	No Bags
5/13/58	A-4	800 <sup>#</sup> left		21356
Lem. Sole	-	Starfish	-	Polyche
Flathead	75	Br. Star	-	Squid
Flounder	-	bsk. Str	-	OysterJ
Yellowfin	75	Cucmbr	-	Octopus
Turbot	200	C. Urchn	-	
Halbut	16	San Dolr	-	
Cod	10	H. Urchn	-	
Skate	-	Snails	1 <sup>9</sup> shell	
Bullhead	40	Clam	-	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	123	Hydrod	-	
Hairy	-	C. Pen	-	
Herm t	10	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	500 lbs.	Flat W	-	
C Slug	75	Anellid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phrc	-	Scallop	-	
Friapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5-19-58	B-4	600 <sup>22</sup>		21340
Lem. Sole	—	Starfish	1	Polyche
Flathead	150	Br. Star	—	Squid
Flounder	—	Bsk. Str	—	Oyster
Yellowfin	—	Cucmbr	—	Octopus
Turbot	300	C. Urchn	—	
Halbut	1	San Dolr	—	
—	2	H. Urchn	—	
—	1	Snails	—	
Bullhead	30	Clam	—	
Ed Port	50	Sponge	—	
Echurds	75	Echurd	—	
		Anenom	200	
Tanner	39	Hydrod	—	
Hairy		C. Pen	—	
Hermit		C. Wnp	—	
Kelp		Barncl	—	
Spider		Tunic	—	
Shrimp	75 <sup>#</sup>	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phronid	—	Scallop	—	
Friapul	—	ROyster	—	

Date	Pos	Sam No	Sm Wt	No Bags
5-19-58	B-5	350 <sup>#</sup>		21350
<small>J. L. DARLING CORP. TACOMA, WASH. U.S.A.</small>				
Lem. Sole	—	Starfish	2	Polyche
Flathead	25	Br. Star	—	Squid
Flounder	—	Bsk. Str	—	Oyster
Yellowfin	—	Cucmbr	—	Octopus
Turbot	75	C. Urchn	—	
Halbut	11	San Dolr	—	
Cod	2	H. Urchn	—	
Skate	—	Snails	—	
Bullhead	20	Clam	—	
Dogfish	1	Sponge	—	
		Echurd	—	
		Anenom	10?	
Tanner	24	Hydrod	—	
Hairy	—	C. Pen	—	
Herm. t	—	C. Wnp	—	
Kelp	—	Barncl	—	
Spider	—	Tunic	—	
Shrimp	25 lb	Flat W	—	
C Slug	—	Anelid	—	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phronid	—	Scallop	—	
Friapul	—	ROyster	—	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5-20	B-6	600# left		21351
Lem. Sole	10	Starfish	-	Polychē
Flathead	25	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster
Yellowfin	100	Cucmbr	-	Octopus
Turbot	100	C. Urchn	-	
Halbut	100	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	2	Snails	-	
Bullhead	20	Clam	-	
		Sponge	-	
		Echurd	-	
		Anenom	-	
Tanner	54	Hydrod	10	
Hairy	-	C. Pen	-	
Hermit	1	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	200 ea	Flat W	-	
C Slug	-	Anellid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phro	-	Scallop	-	
Friapul	-	ROyster	-	

Date	Pos	Sam No	Sm Wt	No Bags
5/20/88	C-6	400# left		1352? Return the Rain.
Lem. Sole	10	Starfish	-	Polychē
Flathead	-	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster
Yellowfin	50	Cucmbr	-	Octopus
Turbot	50	C. Urchn	-	
Halbut	18	San Dolr	-	
Cod	2	H. Urchn	-	
Skate	2	Snails	-	
Bullhead	20	Clam	-	
		Sponge	100# some	
		Echurd	-	7 hol hair
		Anenom	-	
Tanner	73	Hydrod	some	
Hairy	1	C. Pen	-	
Hermit	20	C. Wnp	-	
Kelp	-	Barncl	-	
Spider	-	Tunic	-	
Shrimp	500 ea	Flat W	-	
C Slug	-	Anellid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phro	-	Scallop	-	
Friapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	SamNo	SmWt	No Bags
5/23/58	C-7	500 left		Z 1360
Lem. Sole	—	Starfish	2	Polyche
Flathead	15	Br. Star	—	Squid
Flounder	—	Bsk. Str	—	Oyster
Yellowfin	500	Cucmbr	—	Octopus
Turbot	500	C. Urchn	—	
Halbut	"	San Dolr.	—	
Cod	2	H. Urchn	—	
Skate	2	Snails	50 shell	
Bullhead	22	Clam	2	
		Sponge	100 <sup>th</sup>	
		Echurd	—	
		Anenom	1	
Tanner	137	Hydrod	—	
Hairy	—	C. Pen	—	
Hermit	20	C. Wap	—	
Kelp	—	Barncl	—	
Spider	—	Tunlo	—	
Shrimp	—	Flat W	—	
C Slug	—	Anellid	—	
Coral	1	Bryoz	—	
Algae	—	Chitin	—	
Phrona	—	Scallop	—	
Friapul	—	ROyster	—	

Date	Pos	SamNo	SmWt	No Bags
5-23-58	D-7	650 <sup>th</sup> left		Z 1364 <i>left in the rain.</i>
Lem. Sole	—	Starfish	2	Polyche
Flathead	150	Br. Star	1	Squid
Flounder	—	Bsk. Str	30	Oyster
Yellowfin	75	Cucmbr	—	Octopus
Turbot	150	C. Urchn	—	
Halbut	6	San Dolr.	—	
Cod	10	H. Urchn	—	
Skate	6	Snails	50	
Bullhead	30	Clam	—	
		Sponge	10 <sup>th</sup>	
		Echurd	—	
		Anenom	—	
Tanner	124	Hydrod	many	
Hairy	—	C. Pen	—	
Hermit	25	C. Wap	—	
Kelp	—	Barncl	—	
Spider	—	Tunlo	—	
Shrimp	1000 <sup>ra</sup>	Flat W	—	
C Slug	—	Anellid	3	
Coral	—	Bryoz	—	
Algae	—	Chitin	—	
Phrona	—	Scallop	—	
Friapul	—	ROyster	—	

Date Pos

Sam No Sm Wt

No Bags

J. L. DARLING CORP.  
TACOMA, WASH. U.S.A.

30<sup>A</sup>

21362

5-23-58 D-8

Lem. Sole

0

Starfish

1

Polyche

Flathead

50

Br. Star

-

Squid

Flounder

-

Bsk. Str

-

Oyster

Yellowfin

50

Cucmbr

-

Octopus

Turbot

50

C. Urchn

-

H. Urchn

8

San Dolr

Coa

2

H. Urchn

Ska. e

4

Snails

30

Bullhead

14

Clam

Sponge

Echurd

Anenom

Tanner

67

Hydrod

Hairy

-

C. Pen

Hermit

30

C. Wnp

Kelp

-

Barncl

Spide

-

Tunic

Shrimo

75

Flat W

Slug

-

Anelid

Coral

1

Bryo

Algae

-

Chitn

Phronc

-

Scallop

Priapul

-

ROyster



Date	Pos	Sam No	Sm Wt	No Bags
5/26	G-12	2700 #1 ft		Z-1358
Lem. Sole	100	Starfish	-	Polyche
Flathead	1000	Br. Star	100	Squid
Flounder	-	Bsk. Str	-	Oyster J
Yellowfin	150	Cucmbr	75	Octopus
Turbot	-	C. Urchn	-	Grain 2
Halbut	30	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	50	Clam	few shells	
		Sponge	900 ft	
		Echurd	-	
		Anenom	-	
Tanner	12	Hydrog	many	
nary	-	C. Pen	-	
Hermit	7	C. Wng	-	
Kelp	50	Barncl	-	
Spider	-	Tunic	-	
Shrimp	150	Flat W	-	
C Slur	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phrono	-	Scallop	-	
Priapul	-	ROyster	-	

Date	Pos	Sam No	Sm Wt	No Bags
5/26	H-12	2000# off	about 100 ft weight	Z-1363 Return to the Rain
Lem. Sole	150	Starfish	-	Polyche
Flathead	50	Br. Star	-	Squid
Flounder	-	Bsk. Str	-	Oyster J
Yellowfin	3000	Cucmbr	20	Octopus
Turbot	-	C. Urchn	-	
Halbut	-	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	
Bullhead	25	Clam	-	
Sea Prawn	75	Sponge	7	
		Echurd	-	
		Anenom	-	
Tanner		Hydrog	9	
Hairy		C. Pen	-	
Hermit		C. Wng	-	
Kelp	10	Barncl	-	
Spider	-	Tunic	-	
Shrimp	30	Flat W	-	
C Slur	-	Anelid	-	
Coral	-	Bryo	7	
Algae	-	Chitin	-	
Phrono	-	Scallop	-	
Priapul	-	ROyster	-	

BOOK-NO. 310 FILLER-NO. 311 LOOSE LEAF-NO. 312

Date	Pos	Sam No	Sm Wt	No Bags
5-26-58	H-11	800# left		21381
Lem. Sole	50	Starfish	-	Polycha
Flathead	-	Br. Star	-	Squid
Flounder	-	Bsk. Str	107	Oyster
Yellowfin	1500	Cucmbr	2	Octopus
Turbot	-	C. Urchn	-	Prism 2
Halbut	52	San Dolr	-	
Cod	-	H. Urchn	-	
Skate	-	Snails	-	hal Hair
Bullhead	25	Clam	20 shell	28 7 4
		Sponge	-	4
		Echurd	-	
		Anerom	-	
Tan. o.	4	Hydrod	-?	
r. a. r. y	7	C. r. en	-	
term. t	4	C. Wng	-	
Kelp	-	Barncl	-	
Spider	10	Funic	-	
Swamp	150	Flat W	-	
C Slug	-	Anelid	-	
Coral	-	Bryoz	-	
Algae	-	Chitin	-	
Phrond	-	Scallop	-	
Priapul	-	RCyster	-	

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