Table IX. Numbers of larvae Mysis I–XIII caught in hauls from all depths on stations on which *Amphion* was caught with 4000 m wire or more. The first series in each colum indicates the number caught, the second numbers converted to S-200 in 120 min. 0 indicates no catch of *Amphion* in that haul, and open spaces that no haul was taken with that length of wire.

Stat. no.	surface	Wire length m												
		50	100	200	300	600	1000	1500	2000	2500	3000	4000	5000	
3561....	0 **0**	1 **4**	6 **24**	0 **0**	0 **0**	0 **0**	0 **0**		0 **0**		0 **0**	2 **8**	0 **0**	Pacific
3676....	0 **0**	0 **0**	0 **0**	0 **0**	0 **0**	0 **0**	0 **0**		0 **0**		0 **0**	0 **0**	1 **2**	—
3917....	0 **0**	33 **66**	17 **34**		4 **8**	6 **12**	0 **0**		2 **4**		3 **6**	4 **8**	0 **0**	Indian
3920....	0 **0**	20 **40**	16 **32**		2 **4**	0 **0**	1 **4**		0 **0**	1 **3**	0 **0**	2 **5**	0 **0**	—
3998....	0 **0**	215 **215**	158 **158**		1 **1**	3 **3**	1 **2**	1 **1**	1 **2**		0 **0**	4 **8**	3 **6**	Atlantic
4000....	0 **0**	142 **142**	1 **1**		3 **3**	2 **2**	1 **2**		1 **2**		0 **0**	1 **2**	1 **2**	—
4003....	0 **0**	0 **0**	0 **0**		1 **1**	0 **0**	0 **0**		0 **0**		0 **0**	1 **2**	0 **0**	—
4017....	0 **0**	33 **66**	18 **36**		1 **1**	2 **4**	2 **4**	0 **0**	0 **0**		0 **0**	0 **0**	2 **1**	—
4019....	0 **0**	19 **19**	6 **6**		1 **1**	1 **1**	0 **0**		0 **0**		1 **1**	1 **2**	0 **0**	—
4180....	0 **0**	0 **0**	0 **0**		0 **0**	0 **0**	0 **0**		0 **0**		0 **0**	1 **4**	0 **0**	—

The "Dana" catches show a different picture than that suggested by Gurney for depths between 200 and 500 m. However, it must be remembered, that nearly all "Dana" stations have been taken in late evenings or during night when the shrimp larvae may have taken part in the vertical night migration towards the surface, as known for many plankton organisms. On the other hand my own experience indicates that nocturnal migrations are not so common among planktonic organisms as one may gather from most text-books on the subject. However, also most of Gurney's material was taken at night, only 10 out of 30 stations were taken at daytime, the remaining ones from late evening or night. But as the "Dana" material consists of not less than 5108 specimens of *Amphion* in Mysis stages, against only 97 specimens in Gurney's material, I feel justified in concluding that at least at night *Amphion* is living in the uppermost surface layers down to about 30 m depth.

Where *Amphion* occurs at daytime is still unknown, and neither Gurney nor the present material gives any clear answer. It can only be suggested that during daytime *Amphion* will be found in about the same water layers, except for the first five to six meters from the surface.

Figures showing the abundance of *Amphion* in the different oceans have been calculated and are presented in Table X, where we have the figures converted to the same duration of hauls and the same diameter of nets, i.e., to 120 minutes haul with a net with a 2 m opening, for the three oceans. The figures are given for different depths and as average number of specimens per hauls from stations on which *Amphion* was noted. If we again consider only hauls up to 100 m wire, which as has been shown includes 85% to 92% of the total number of hauls, it appears that in the Atlantic in these upper water layers were caught 65.33 specimens per converted haul. For the Indian Ocean this figure is 37 and for the Pacific 24.67. These figures show that

Table X. *Amphion* larvae (stages I–XIII). Average numbers per haul converted to S-200 and 120 minutes caught by the "Dana" expeditions in different depths.

Ocean	Wire length m											Total
	surface	50	100	200	300	600	1000	2000	3000	4000	5000	
Atlantic	137	44	15	1	1	1	1	1	0	1	0	202
Indian	78	20	13	4	3	2	0	0	0	0	0	120
Pacific	17	41	16	0	2	1	0	0	0	0	0	77
Total	232	105	44	5	6	4	1	1	0	1	0	399
Average	77.33	35.0	14.66	1.66	2.0	1.33	0.33	0.33	0	0.33	0	132.97
											Total...	12.09

Table XI. Total number of *Amphion* Mysis stages caught and measured, both converted to S-200 in 120 minutes.

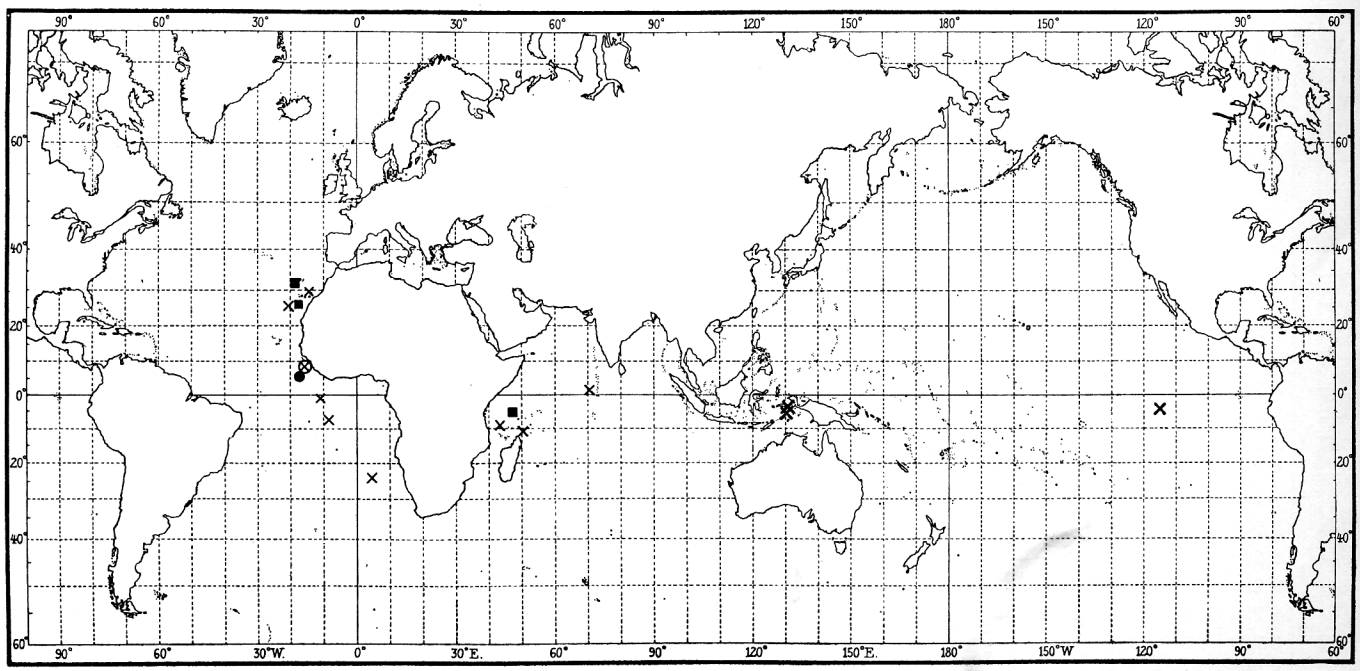
Ocean	caught	converted	measured	converted
Atlantic	1573	5635	1512	3883
Indian	2441	9522	2045	8976
Pacific	1094	4515	929	4050
Total	5108	19672	4486	16909

Amphion is about twice as numerous in the Atlantic as in the two other oceans, slightly less than double compared with the Indian Ocean and nearly three times compared with the Pacific Ocean. The insecurity of these figures must be borne in mind when drawing conclusions from them, especially because the number of actual catches in a surface haul has been multiplied with 384 for giving the converted figure.

But the figures show clearly that *Amphion* is most numerous in the Atlantic Ocean from which area the eastern part along the African coast is best investigated both by "Dana" and "Discovery". Very little is known from the middle of the South-Atlantic as well as from more coastal waters along South America. From the Atlantic Ocean the number of specimens per haul declines through the Indian Ocean and into the Pacific Ocean.

With our present knowledge it is difficult to draw any conclusions from these facts.

In Map II are shown the localities for catches of the postlarva and the adult of *Amphion*, not only from "Dana", but also for all specimens which have been recorded previously in the literature under the name of *Amphionides valdiviae* ZIMMER. Although the finds are relatively few they show a distribution similar to that of the larval form. Most of the catches of the adult and all localities for the postlarva are from the Atlantic. This is explained by the two facts: firstly, as has been shown above, that *Amphion* is twice as numerous in the Atlantic as in the two other oceans; secondly, the Atlantic is the most and best investigated of the three oceans. Therefore, there are good reasons for assuming that the postlarva will in future also be found more abundant in the two other oceans if looked for at the right depths of 2000–5000 m.



Map II. Localities with postlarvae and adult. *Amphion reynaudi*.
⊗ "Dana" postlarva I and II and adult. × "Dana" adult. ● "Discovery". ■ "Valdivia".

The individual numbers of the different larval stages do not provide much information. The numbers of larvae in the early stages are rather low because many of them due to their delicate structure have been damaged or totally destroyed in the net or during preservation and therefore to some extent can have been overlooked in the first gross-sorting of the whole material from the haul. Further, larvae seem to have been less frequently assigned to the uneven stage numbers than to the even numbers, thus in comparison with Stage IX, an extraordinarily large number of larvae have been assigned to stage X. But taken in general the numbers of specimens increase to Stage X and then naturally decrease from then on. The increase caused by spoiled material of young stages, the decrease by the general diminishing of the stock through natural mortalily including predation by other organisms.

LISTS OF STATIONS WITH THEIR LARVAL STAGES OF AMPHION

For the pelagic fishery wire length paid out is given in the tables as mw. Further are noted serial numbers of stations and hauls, month, hour for the gear being set, and duration of the haul. For detailed information see the above-cited papers, (p. 5) and the list of abbreviations for types of gear used (p. 6).

In Tables XII-XIV the figures for the actual catches are given and after them with fat types the same figures converted to nearest whole figure (if below 1 raised to one) for S. 200 and duration 120 min.

Some specimens were so damaged that neither their length measurements nor their larval stage could be determined. This causes in some cases the sum of the figures under the larval stages in the tables to be smaller than the figure for the caught number in the haul.

Table XII. Atlantic Ocean. List of material. For positions and other catch data cf. The Danish Dana Expeditions 1920–22 no. 1 and Dana Reports nos. 1 and 26.

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages													Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
1165– 3	XI	S 150	120	600	1	**2**									1 **2**					1
1192 –7	XII	S 200	120	100	8	**8**						2 **2**		1 **1**	1 **1**	3 **3**	1 **1**			8
— 8	—	S 200	120	50	2	**2**				1 **1**				1 **1**						2
1361– 4	VI	S 200	120	100	122	**122**				4 **4**	6 **6**	16 **16**	26 **26**	26 **26**	16 **16**	9 **9**				103
3535– 0	VII	S 50	5	sf.	3	**1152**					1 **384**					2 **768**				3
3539– 0	VIII	S 50	5	sf.	4	**1536**						1 **384**								1
3542– 0	VIII	S 50	5	sf.	2	**768**				1 **384**										1
3547– 3	VIII	S 200	60	100	1	**2**									1 **2**					1
3979– 4	II	S 200	120	100	1	**1**													1 **1**	1
— 5	—	S 200	120	50	4	**4**										2 **2**		2 **2**		4
3980–11	II	S 150	120	1000	1	**2**							1 **2**							1
3981 –2	II	S 200	120	600	1	**1**										1 **1**				1
— 3	—	S 200	120	300	2	**2**												1 **1**		1
— 4	—	S 200	120	100	3	**3**													2 **2**	2
— 5	—	S 200	120	50	15	**15**						1 **1**		2 **2**		5 **5**	2 **2**	3 **3**	1 **1**	14
3994– 1	II	S 200	60	200	6	**12**					1 **2**			2 **4**		2 **4**		1 **2**		6
— 2	—	S 200	60	100	14	**28**				1 **2**	1 **2**	3 **6**		2 **4**		4 **8**				12
— 3	—	S 200	60	50	13	**26**								2 **4**	1 **2**	4 **8**		4 **8**	2 **4**	13
3996– 3	II	S 150	120	2000	4	**8**									2 **4**		1 **2**			3
— 4	—	S 150	120	1500	4	**8**					1 **2**		2 **4**							4
— 5	—	S 150	120	1000	4	**8**		2 **4**		1 **2**		1 **2**								4
— 7	—	S 200	120	600	5	**5**							1 **1**	1 **1**		1 **1**	2 **2**			5
— 8	—	S 200	120	300	7	**7**							1 **1**				1 **1**	1 **1**	1 **1**	6
— 9	—	S 200	120	100	18	**18**										4 **4**	5 **5**	3 **3**	2 **2**	14
— 10	—	S 200	120	50	24	**24**								1 **1**		4 **4**	5 **5**	7 **7**	4 **4**	21
3997– 2	II	S 200	120	600	3	**3**								1 **1**			1 **1**		1 **1**	3
— 3	—	S 200	120	300	1	**1**											1 **1**			1
— 4	—	S 200	120	100	11	**11**								1 **1**		6 **6**	4 **4**			11
— 5	—	S 200	120	50	547	**547**				2 **2**	2 **2**	17 **17**	30 **30**	56 **56**	65 **65**	139 **139**	103 **103**	28 **28**	37 **37**	516

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages														Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII		
3997 0	II	S 50	5	sf.	1	384									1 384						1
3998– 7	III	S 150	120	5000	3	6										1 2	1 2		1 2		3
— 8	—	S 150	120	4000	4	8				1 2							2 4				3
— 10	—	S 150	120	2000	1	2						1 2									1
— 11	—	S 150	120	1000	1	2													1 2		1
— 1	—	E 300	120	1000	1	1													1 1		1
— 2	—	S 200	120	600	3	3									1 1						2
— 3	—	S 200	120	300	1	1												1 1			1
— 4	—	S 200	120	100	158	158						6 6	8 8	12 12	20 20	39 39	28 28	14 14	25 25		152
— 5	—	S 200	120	50	215	215		4 4			4 4	20 20	15 15	24 24	25 25	28 28	32 32	16 16	30 30		198
3999 –1	III	E 300	120	1000	2	1												1 1	1 1		2
— 3	—	S 200	120	300	1	1										1 1					1
— 4	—	S 200	120	100	1	1									1 1						1
— 5	—	S 200	120	50	140	140				1 1	1 1	3 3	17 17	17 17	10 10	46 46	30 30	14 14	9 9		132
4000 –7	III	S 150	120	5000	1	2													1 2		1
— 8	—	S 150	120	4000	1	2						1 2									1
— 10	—	S 150	120	2000	1	2										1 2					1
— 11	—	S 150	120	1000	1	2											1 2				1
— 1	—	E 300	120	1000	1	1										1 1					1
— 2	—	S 200	120	600	2	2									1 1	1 1					2
— 3	—	S 200	120	300	3	3										1 1			2 2		3
— 4	—	S 200	120	100	1	1										1 1					3
— 5	—	S 200	120	50	142	142						6 6		18 18	19 19	54 54	20 20	8 8	12 12		137
4001 –2	III	S 200	120	600	2	2								1 1					1 1		2
— 3	—	S 200	120	300	3	3						1 1		1 1	1 1						3
— 4	—	S 200	120	100	3	3								1 1			1 1				2
4003 –3	III	S 150	120	4000	1	2												1 2			1
— 9	—	S 200	120	300	1	1									1 1						1
4004 –3	III	S 200	120	300	1	1				1 1											1
— 4	—	S 200	120	100	1	1								1 1							1
4009– 8	III	S 150	120	3000	1	2													1 2		1
— 3	—	S 200	120	300	4	4								1 1		2 2	1 1				4
— 4	—	S 200	120	100	4	4									1 1	1 1	1 1	1 1			4
— 5	—	S 200	120	50	3	3										1 1		1 1			2
4010 –5	III	S 200	120	50	2	2										1 1		1 1			2
4014– 1	III	E 300	120	1500	1	1								1 1							1
— 2	—	S 200	120	1200	2	2								1 1			1 1				2
— 3	—	S 200	120	900	1	1										1 1					1
— 4	—	S 200	120	600	5	5					1 1					2 2			1 1		4
— 5	—	S 200	120	300	4	4						1 1		2 2			1 1				4
4016– 1	III	S 200	60	50	9	18						1 2				5 10		1 2			7
4017– 1	III	E 300	120	5000	2	1								1 1							1
— 4	—	S 150	120	2000	2	4					1 2	1 2									2
— 8	—	S 150	120	600	2	4									2 4						2
— 9	—	S 150	120	300	1	1		1 1													1
— 10	—	S 150	120	100	18	36						5 10	1 2	3 6	3 6	4 8					18
— 11	—	S 150	120	50	33	66						9 18		3 6	1 2	7 14	2 4	3 6	1 2		26
4018– 3	III	S 200	120	300	1	1										1 1					1
— 4	—	S 200	120	100	3	3								1 1		1 1					2
— 5	—	S 200	120	50	13	13						1 1		2 2	1 1	7 7	1 1	1 1			13
4019– 2	III	S 150	120	3500	1	2							1 2								1
— 3	—	S 150	120	3000	1	1										1 1					1
— 7	—	S 200	120	600	1	1						1 1									1
— 8	—	S 200	120	300	1	1												1 1			1
— 9	—	S 200	120	100	6	6										4 4		1 1	1 1		6
— 10	—	S 200	120	50	19	19						1 1		3 3		8 8		2 2	1 1		15
4023– 7	IV	S 200	60	300	3	6								1 2							1
— 8	—	S 200	60	200	1	2								1 2							1
4180– 4	VI	S 150	60	3500	1	4													1 4		1

Table XIII. Indian Ocean. List of material. For positions and other catch data cf. The Danish Dana Expeditions 1920–22 no. 1 and Dana Reports nos. 1 and 26.

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages													Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
3800– 4	VIII	S 200	120	100	10	10									1 1	2 2	2 2	2 2	3 3	10
— 5	—	S 200	120	50	1	1													1 1	1
3804– 4	—	S 200	120	100	3	3							1 1			2 2				3
3814– 3	IX	S 200	120	100	20	20			1 1	6 6	1 1		1 1	2 2		1 1	4 4	1 1	3 3	20
— 4	—	S 200	120	50	21	21		3 3		5 5		1 1	1 1	2 2	3 3	3 3	2 2		1 1	21
3815– 3	—	S 200	120	100	19	19		4 4		4 4	3 3	1 1				3 3	1 1		2 2	18
— 0	—	S 50	5	sf.	13	4992		3 1152		2 768		2 768		1 384		2 768	2 768	1 384		13
3817 –5	—	S 200	120	50	18	18				9 9	4 4		1 1			4 4				18
— 7	—	S 200	120	150	5	5		2 2					1 1				2 2	1 1	2 2	8
3821– 2	—	S 200	120	600	2	2					1 1							1 1		2
— 5	—	S 200	120	100	1	1												1 1		1
3824– 7	—	S 200	150	100	2	2												1 1	1 1	2
— 8	—	S 200	150	50	7	6														0
3828– 1	—	S 200	120	300	2	2								1 1	1 1					2
— 4	—	S 200	120	100	7	7							1 1			2 2	1 1	1 1	1 1	6
— 19	—	S 200	120	50	17	17		4 4		6 6	5 5				1 1					16
3830– 1	—	S 200	120	300	6	6					2 2	1 1	1 1	1 1						6
3843– 2	X	S 200	120	300	1	1							1 1							1
— 4	—	S 200	120	200	14	14						1 1		1 1	2 2	2 2	4 4	3 3	1 1	14
3844– 3	—	S 200	120	250	2	2						1 1			1 1					2
— 4	—	S 200	120	200	2	2				2 2										2
— 7	—	S 200	120	100	9	9					1 1			1 1			1 1	1 1		4
— 8	—	S 200	120	50	7	7					1 1						1 1	1 1	4 4	7
3847– 2	—	S 150	180	3000	2	3									1 1			1 1		2
3849– 2	—	S 200	120	300	2	2									1 2	1 2				2
— 3	—	S 200	120	200	6	6									2 2	4 4				6
3850– 1	—	S 200	120	600	2	2						1 1								1
— 2	—	S 200	120	300	2	2		1 1												1
— 3	—	S 200	120	200	10	10				2 2	1 1		1 1	1 1		1 1				6
— 4	—	S 200	120	100	44	44				2 2	5 5	11 11	7 7	2 2	3 3	6 6	3 3		1 1	40
3851– 1	—	S 200	120	600	2	2					2 2									2
— 2	—	S 200	120	300	12	12						1 1	1 1		3 3	2 2	1 1	4 4		12
— 3	—	S 200	120	200	10	10							1 1	1 1		6 6	1 1	1 1		10
— 4	—	S 200	120	100	20	20					4 4	1 1	1 1		1 1	7 7	1 1	1 1	4 4	20
3854 –1	—	S 200	120	400	17	17							1 1	1 1		2 2	3 3	8 8	2 2	17
— 2	—	S 200	120	300	40	40						1 1	4 4	2 2	9 9	16 16	6 6	1 1	1 1	40
3855– 4	—	S 200	120	100	49	49						2 2	4 4	7 7	15 15	13 13	6 6		2 2	49
3856– 2	—	S 200	120	300	8	8						1 1	1 1	2 2		3 3		1 1		8
3860–20	—	S 200	120	600	1	1							1 1							1
— 22	—	S 200	120	100	6	6						1 1	1 1		2 2		1 1		1 1	6
3893– 3	—	S 200	90	300	1	2										1 2				1
— 9	—	S 200	90	50	3	5								1 2			1 2		1 2	3
3902– 5	XI	S 200	120	50	1	1							1 1							1
3903– 5	—	S 200	120	50	2	2				1 1				1 1						2
3904– 2	—	S 150	120	3000	2	4						1 2				1 2				2
— 4	—	S 150	120	2000	1	2												1 2		1
3905– 5	—	S 200	90	100	1	2										1 2				1
3906– 2	—	S 200	90	600	1	2										1 2				1
— 3	—	S 200	90	400	1	2					1 2									1
— 4	—	S 200	90	300	1	2								1 2						1
— 5	—	S 200	90	100	2	3										1 2			1 2	2
3907– 3	—	S 200	90	400	7	11	1 2				1 2	2 3	1 2	1 2						6
— 4	—	S 200	90	300	1	2							1 2							1
3908– 2	—	S 200	90	600	2	3							1 2	1 2						2
— 3	—	S 200	90	400	2	3				1 2									1 2	2
— 4	—	S 200	90	300	8	12						1 2	1 2	2 3	3 5					7

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages													T
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
3908 5	XI	S 200	90	100	20	**30**		1 **2**		1 **2**		2 **3**	1 **2**	8 **12**	3 **5**	2 **3**				
3910– 2	—	S 200	90	600	1	**2**										1 **2**				
— 3	—	S 200	90	300	1	**2**		1 **2**												
— 4	—	S 200	90	100	20	**30**										2 **3**				
— 5	—	S 200	90	50	27	**41**						2 **3**	5 **8**	6 **9**	1 **2**	6 **9**	1 **2**			
3912– 3	—	S 200	90	300	2	**3**							1 **2**					1 **2**		
3913– 5	XII	S 200	90	50	1	**2**									1 **2**					
3914– 2	—	S 200	90	600	1	**1**							1 **1**							
— 3	—	S 200	90	300	2	**3**						1 **1**	1 **1**							
— 4	—	S 200	90	100	5	**7**						2 **3**		1 **1**	1 **1**	1 **1**				
3915– 2	—	S 200	90	600	2	**3**									1 **1**	1 **1**				
— 3	—	S 200	90	300	3	**4**								1 **1**	1 **1**	1 **1**				
— 4	—	S 200	90	100	2	**3**						1 **1**					1 **1**			
— 5	—	S 200	90	50	49	**65**				2 **3**	3 **4**	14 **19**	6 **8**	10 **13**	6 **8**	5 **7**	1 **1**		1 **1**	
3916– 2	—	S 200	90	600	2	**3**					1 **1**		1 **1**							
— 3	—	S 200	90	300	4	**5**								1 **1**	1 **1**		1 **1**			
— 4	—	S 200	90	100	2	**3**				1 **1**		1 **1**				1 **1**				
— 5	—	S 200	90	50	76	**101**				1 **1**		6 **8**	5 **7**	9 **12**	1 **1**	15 **20**	10 **13**	11 **15**	12 **16**	
3917– 2	—	S 150	120	4000	4	**8**									1 **2**	1 **2**	1 **2**	1 **2**		
— 4	—	S 150	120	3000	3	**6**									1 **2**	2 **4**				
— 5	—	S 150	120	2200	2	**4**											1 **2**		1 **2**	
— 7	—	S 200	60	600	6	**12**							1 **2**			2 **4**	2 **4**			
— 8	—	S 200	60	300	4	**8**											2 **4**		2 **4**	
— 9	—	S 200	60	100	17	**34**								3 **6**	2 **4**	4 **8**	1 **2**	1 **2**	2 **4**	
— 10	—	S 200	60	50	33	**66**						2 **4**	1 **2**	8 **16**	6 **12**	7 **14**	4 **8**		3 **6**	
3918– 2	—	S 200	90	600	6	**8**										4 **5**	1 **1**			
— 3	—	S 200	90	300	13	**17**				3 **4**				1 **1**	1 **1**	5 **7**	3 **4**			
— 4	—	S 200	90	100	15	**20**		2 **3**				1 **1**		1 **1**	4 **5**	3 **4**	1 **1**		2 **3**	
— 5	—	S 200	90	50	210	**280**				1 **1**		2 **3**	12 **16**	19 **25**	21 **28**	65 **87**	21 **28**	20 **27**	37 **49**	1
— 0	—	S 50	5	sf.	2	**768**				1 **384**						1 **384**				
3919– 2	—	S 200	60	600	14	**28**				1 **2**		1 **2**		1 **2**		1 **2**	7 **14**	1 **2**		
— 3	—	S 200	60	300	8	**16**		1 **2**					1 **2**		1 **2**	2 **4**	2 **4**	1 **2**		
— 4	—	S 200	60	100	76	**152**		1 **2**		1 **2**		4 **8**	4 **8**	4 **8**	8 **16**	22 **44**	13 **26**	8 **16**	5 **10**	
— 5	—	S 200	60	50	106	**212**					1 **2**	4 **8**	2 **4**	4 **8**	9 **18**	27 **54**	25 **50**	19 **38**	11 **22**	1
3920– 2	—	S 150	90	3500	2	**5**								2 **5**						
— 4	—	S 150	90	3500	1	**3**												1 **2**		
— 6	—	S 150	60	1000	1	**4**										1 **4**				
— 8	—	S 200	60	300	2	**4**									1 **2**	1 **2**				
— 9	—	S 200	60	100	16	**32**							2 **4**		4 **8**	5 **10**	3 **6**		2 **4**	
— 10	—	S 200	60	50	20	**40**								1 **2**	4 **8**	4 **8**	3 **6**	4 **8**	3 **6**	
3921 –1	—	E 300	90	1000	1	**1**												1 **1**		
— 2	—	S 200	90	600	1	**1**								1 **1**						
— 3	—	S 200	90	300	2	**3**											2 **3**			
— 7	—	S 200	60	200	3	**6**				1 **2**					1 **2**					
— 5	—	S 200	90	50	10	**13**				2 **3**					1 **1**			1 **1**	1 **1**	
3922– 3	—	S 200	90	300	2	**3**				1 **1**						1 **1**				
3924– 2	—	S 200	90	600	2	**3**										1 **1**				
— 4	—	S 200	90	100	13	**17**									1 **1**				1 **1**	
— 5	—	S 200	90	50	33	**44**						3 **4**	1 **1**	7 **9**	9 **12**	4 **5**	2 **3**	1 **1**	1 **1**	
3925– 2	—	S 200	90	600	2	**3**												2 **3**		
— 3	—	S 200	90	300	5	**7**									1 **1**	1 **1**	1 **1**	1 **1**		
— 4	—	S 200	90	100	10	**13**				2 **3**		1 **1**		1 **1**	2 **3**	1 **1**			3 **4**	
— 5	—	S 200	90	50	118	**157**						11 **15**	8 **11**	11 **15**	21 **28**	23 **31**	15 **20**	12 **16**	17 **23**	1
3926– 1	—	S 200	75	600	1	**2**													1 **2**	
— 2	—	S 200	75	300	3	**5**												1 **2**	2 **3**	
— 3	—	S 200	75	200	5	**8**									1 **2**				3 **5**	
— 4	—	S 200	75	100	104	**165**						2 **3**		6 **9**	11 **17**	20 **27**	17 **26**	19 **24**	22 **33**	
— 5	—	S 150	75	50	20	**55**								1 **3**	1 **3**	1 **3**	1 **3**	6 **16**	10 **27**	
3928– 1	—	S 200	90	600	2	**3**							1 **1**		1 **1**					

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers caught	Numbers conv.	Larval stages I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	Total
3928 2	XII	S 200	90	300	4	**5**										2 **3**	2 **3**			4
— 3	—	S 200	90	200	30	**40**						2 **3**	2 **3**	8 **11**	4 **5**	2 **3**	6 **8**	2 **3**	1 **1**	27
— 4	—	S 200	90	100	17	**23**				7 **7**	4 **4**	4 **4**		1 **1**		1 **1**				17
— 5	—	S 150	90	50	11	**30**		3 **8**		3 **8**	1 **3**	3 **8**	1 **3**							11
3929– 5	—	S 200	60	400	1	**2**									1 **2**					1
— 7	—	S 200	60	200	1	**2**											1 **2**			1
— 8	—	S 200	60	100	2	**4**									1 **2**		1 **2**			2
3930– 1	—	S 200	120	600	1	**1**											1 **1**			1
— 4	—	S 200	120	200	6	**6**											4 **4**	1 **1**	1 **1**	6
— 5	—	S 150	120	100	2	**4**									1 **2**			1 **2**		2
3931– 1	—	S 200	75	600	1	**2**										1 **2**				1
— 3	—	S 200	75	300	8	**13**						1 **2**		2 **3**		3 **5**	1 **2**		1 **2**	8
3932– 1	—	S 200	120	600	1	**1**									1 **1**					1
— 8	—	S 200	90	400	2	**3**													1 **1**	1
— 9	—	S 200	90	300	1	**1**									1 **1**					1
— 4	—	S 200	60	300	2	**4**											2 **4**			2
— 5	—	S 200	60	200	3	**6**										1 **2**			1 **2**	2
— 10	—	S 200	90	200	1	**1**												1 **1**		1
3934 a*	—	S 200	315	500	1	**1**											1 **1**			1
— b*	—	S 200	315	400	1	**1**								1 **1**						1
— c*	—	S 200	465	200	7	**2**								1 **1**		2 **1**	2 **1**		1 **1**	6
3935– 1	—	S 200	120	500	1	**1**						1 **1**				1 **1**				2
— 4	—	S 200	120	200	1	**1**										1 **1**				1
— 5	—	S 200	120	100	2	**2**										2 **2**				2
3936– 2	—	S 200	120	400	1	**1**						1 **1**								1
— 4	—	S 200	120	200	11	**11**						1 **1**		1 **1**	1 **1**	5 **5**	2 **2**	1 **1**		11
— 5	—	S 200	120	100	4	**4**			1 **1**			1 **1**		1 **1**			1 **1**			4
3937– 1	—	S 200	120	500	1	**1**												1 **1**		1
— 2	—	S 200	120	400	6	**6**								1 **1**	1 **1**	1 **1**	1 **1**	1 **1**	2 **2**	7
— 3	—	S 200	120	300	8	**8**								1 **1**	1 **1**	1 **1**			2 **2**	5
— 4	—	S 200	120	200	12	**12**								1 **1**	1 **1**	5 **5**		1 **1**	3 **3**	11
— 5	—	S 200	120	100	15	**15**		1 **1**				1 **1**		3 **3**	2 **2**	3 **3**	3 **3**	2 **2**		15
3938– 3	—	S 200	120	300	2	**2**											1 **1**	1 **1**		2
— 4	—	S 200	120	200	20	**20**						1 **1**		3 **3**	3 **3**	5 **5**	3 **3**	2 **2**	2 **2**	19
— 5	—	S 150	120	100	6	**12**								1 **2**	2 **4**	1 **2**	1 **2**		1 **2**	6
3939– 5	—	S 150	90	100	14	**37**									3 **8**	4 **10**		3 **8**	1 **3**	11
3940– 1	—	S 200	90	500	1	**1**								1 **1**						1
— 3	—	S 200	90	300	1	**1**										1 **1**				1
— 5	—	S 150	90	100	9	**24**				1 **2**					2 **6**	3 **8**	1 **2**		1 **2**	20
3941– 1	—	S 200	90	500	6	**8**								1 **1**		2 **3**			2 **3**	5
— 2	—	S 200	90	400	1	**1**													1 **1**	1
— 3	—	S 200	90	300	3	**4**											1 **1**		1 **1**	2
— 4	—	S 200	90	200	3	**4**									1 **1**	2 **3**				3
— 5	—	S 150	90	100	3	**8**						1 **3**		1 **3**		1 **3**	1 **3**			4
3942– 2	—	S 200	90	400	1	**1**								1 **1**						1
— 4	—	S 200	90	200	5	**7**										1 **1**	1 **1**	1 **1**	1 **1**	4
— 5	—	S 150	90	100	19	**50**								4 **11**	2 **5**	2 **5**		4 **11**	3 **8**	40
3943– 4	—	S 200	90	200	1	**1**										1 **1**				1
— 5	—	S 150	90	100	1	**3**									1 **3**					1
3944– 1	—	S 200	60	500	3	**6**									1 **2**				1 **2**	2
— 4	—	S 200	60	200	4	**8**								1 **2**	1 **2**	1 **2**				3
— 5	—	S 150	60	100	20	**80**		3 **12**		3 **12**	1 **4**	4 **16**	1 **4**		2 **8**	3 **12**	1 **4**			18
3947– 2	I	S 200	90	200	6	**8**				1 **1**				1 **1**		1 **1**	1 **1**	1 **1**	1 **1**	6
— 3	—	S 200	90	100	10	**13**							1 **1**	1 **1**	2 **3**	2 **3**	2 **3**	2 **3**		10
3948– 1	—	S 200	90	500	5	**7**		1 **1**		1 **1**				1 **1**	1 **1**	1 **1**				5
3949– 3	—	S 200	90	300	1	**1**													1 **1**	1
— 4	—	S 200	90	100	1	**1**														0
— 5	—	S 200	90	50	76	**101**						2 **3**	2 **3**	20 **27**	3 **4**	21 **28**	11 **15**	5 **7**	5 **7**	69
3950– 1	—	S 200	60	500	7	**14**					1 **2**			1 **2**		1 **2**	1 **2**	2 **4**	1 **2**	7

* a = hauls 2, 7, 12; b = hauls 3, 8, 13; c = hauls 5, 10, 15, 20.

St. no.	Month	Gear	Dur. min.	Wire 1. m	Numbers		Larval stages													Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
3950 2	I	S 200	60	400	2	4									1 2			1 2		2
— 3	—	S 200	60	300	3	6								1 2		1 2		1 2		3
— 4	—	S 200	60	200	1	2											1 2			1
3951– 5	—	S 200	90	50	5	7											2 3	1 1	2 3	5
3952– 1	—	S 200	60	500	1	2										1 2				1
— 2	—	S 200	60	400	1	2													1 2	1
— 3	—	S 200	60	300	3	6											1 2	1 2		2
— 4	—	S 200	60	200	1	2											1 2			1
3953– 4	—	S 200	90	100	1	1											1 1			1
— 5	—	S 150	90	50	1	3								1 3						1
3954– 4	—	S 200	60	100	3	6												1 2	1 2	2
— 5	—	S 150	60	50	7	28				2 8	2 8		1 4			1 4		1 4		7
— 0	—	S 50	5	sf.	1	384				1 384										1
3955– 1	—	S 200	90	500	2	3										1 1		1 1		2
— 4	—	S 200	90	100	9	12										3 4	1 1	3 4	1 1	8
— 5	—	S 150	90	50	31	83						4 11	2 5	1 3	5 13	10 27	2 5	2 5	2 5	28
3956– 4	—	S 200	90	100	18	24										5 7	4 5	2 3	2 3	13
— 5	—	S 150	90	50	2	5						1 2		1 2			1 2			3
3957– 1	—	S 200	90	500	1	1		1 1												1
— 2	—	S 200	90	300	1	1						1 1								1
— 4	—	S 200	90	100	1	1													1 1	1
— 5	—	S 150	90	50	9	24								1 3		1 3	2 5	1 3	2 5	7
3958– 1	—	S 200	90	500	7	9									1 1		1 1	1 1	1 1	4
— 2	—	S 200	90	300	1	1								1 1						1
— 3	—	S 200	90	200	1	1											1 1			1
3959– 2	—	S 200	60	300	1	2									1 2					1
— 3	—	S 200	60	200	2	4										1 2			1 2	2
3960– 2	—	S 150	90	200	5	13		1 3				1 3		2 5		1 3				5
3962– 3	—	S 200	120	300	2	2								1 1						1
— 4	—	S 200	120	100	16	16									3 3	4 4	1 1	1 1	3 3	12
— 5	—	S 150	120	50	18	36						1 2			1 2	4 8	2 4	3 6		11
3963– 1	—	S 200	90	250	4	5								1 1	2 3				1 1	4
— 2	—	S 200	90	200	6	8						2 3	1 1	2 3		1 1				6
— 3	—	S 200	90	150	42	56						1 1		5 7	3 4	13 17	3 4	4 5	5 7	34
3964– 1	—	E 300	120	1000	1	1										1 1				1
— 2	—	S 200	120	600	1	1												1 1		1
— 4	—	S 200	120	100	18	18										3 3	4 4	6 6	5 5	18
— 5	—	S 150	120	50	51	102		1 2		1 2	1 2	4 8	3 6	6 12	4 8	6 12	2 4	3 6	3 6	34
3969– 5	—	S 200	120	50	2	2										1 1	1 1			2
3970– 2	—	S 200	120	200	1	1													1 1	1
3971– 2	—	S 200	120	600	1	1										1 1				1
— 5	—	S 200	120	50	5	5						1 1				3 3	1 1			5
3972– 2	—	S 200	60	50	2	4										1 2				1

Table XIV. Pacific Ocean. List of material. For positions and other catch data cf. The Danish Dana Expeditions 1920–22 no. 1 and Dana Reports nos. 1 and 26.

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages													Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
3556– 2	IX	S 150	120	2000	1	2									1 2					1
— 3	—	S 150	120	1000	1	2											1 2			1
— 5	—	S 150	60	600	2	8											2 8			2
— 6	—	S 150	60	300	2	8							1 4			1 4				2
— 7	—	S 150	60	100	96	384		1 4		7 28		12 48	7 28	8 32	5 20	17 68	12 48	9 36	7 28	85
— 8	—	S 150	60	50	198	792		7 28		6 24	3 12	12 48	12 48	19 71	17 68	30 120	18 72	22 88	20 80	166
3558– 2	—	S 150	120	3000	3	6										1 2		2 4		3
— 3	—	S 150	120	2000	2	4					1 2							1 2		2
— 6	—	S 150	60	600	2	8									1 4				1 4	2
— 7	—	S 150	60	300	6	24										1 4	2 8	1 4	1 4	5
— 8	—	S 150	60	100	2	8										2 8				2
— 9	—	S 150	60	50	12	48								1 4		4 16	3 12	1 4		9
3561– 2	—	S 150	120	4000	2	4														0
— 9	—	S 150	60	100	6	24						1 4	1 4	1 4			1 4	1 4	1 4	6
— 10	—	S 150	60	50	1	4														0
3563– 3	—	S 150	60	300	1	4								1 4						1
— 4	—	S 150	60	100	12	48				1 4				1 4	1 4	2 8	3 12	1 4	2 8	11
— 5	—	S 150	60	50	2	8		1 4	1 4											2
3567– 1	X	S 150	60	300	2	8											1 4		1 4	2
— 2	—	S 150	60	100	22	88						1 4	2 8	2 8	1 4	6 24	3 12	3 12	4 16	22
— 3	—	S 150	60	50	22	88									2 8		5 20	1 4	5 20	18
3569– 3	—	S 150	60	100	2	8								1 4					1 4	2
— 4	—	S 150	60	50	1	4												1 4		1
3570– 3	—	S 150	120	2000	1	2										1 4				1
— 4	—	S 150	120	1000	3	6											2 4	1 2		3
3576– 2	—	S 150	120	2000	1	2							1 2							1
— 7	—	S 150	60	100	3	12								1 4		1 4				2
3581– 4	—	S 150	60	100	2	8										2 8				2
3583– 4	—	S 150	90	300	1	3								1 3						1
— 6	—	S 150	90	50	5	13		1 3				1 3	1 3							3
3584– 4	—	S 150	60	300	1	4						1 4								1
— 5	—	P 100	60	200	2	16										2 16				2
— 6	—	S 150	60	100	4	16									1 4	1 4		1 4	1 4	4
— 7	—	S 150	60	50	66	264		2 8		5 20	2 8	4 16	5 20	8 32	7 28	12 48	6 24	3 12	1 4	51
3585– 2	—	P 100	60	800	2	16											1 8		1 4	2
— 3	—	S 150	60	100	3	12										1 4			2 8	3
— 4	—	P 100	60	400	1	8											1 8			1
— 5	—	S 150	60	300	2	8									2 8					2
— 6	—	S 150	60	100	6	24				1 4					1 4		2 8	1 4		5
— 7	—	S 150	60	50	9	36		1 4		2 8		1 4		1 4		1 4	1 4			7
3586– 2	XI	S 150	60	6000	2	8								1 4			1 4			2
— 7	—	S 150	60	50	5	20								1 4			1 4	1 4	1 4	4
3587– 4	—	P 100	120	3000	1	4									1 4					1
— 5	—	P 100	120	2000	1	4					1 4									1
— 10	—	P 100	60	400	3	24					1 8							1 8		2
— 12	—	S 150	60	100	3	12									1 4	1 4		1 4		3
— 13	—	S 150	60	50	30	120				1 4	1 4	1 4	3 12	1 4	6 24	5 20	3 12	1 4	4 16	26
— 0	—	S 50	5	sf.	2	768			1 384											1
3588– 2	—	S 150	60	600	1	4														0
— 4	—	S 150	60	100	15	60		1 4					2 8	2 8	1 4	4 16	3 12		1 4	14
— 5	—	S 150	60	50	38	152		1 4	1 4	3 12		2 8	1 4		4 16	6 24	4 16	3 12	8 32	33
3590– 3	—	S 150	60	100	3	12										3 12				3
— 4	—	S 150	60	50	4	16						1 4	1 4			2 8				4
3591– 4	—	S 150	60	100	2	8							1 4				1 4			2
— 5	—	S 150	60	50	2	8										1 4	1 4			2
3602– 4	—	S 150	60	100	3	12										2 8				2

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages													Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
3603– 2	XI	S 150	60	600	1	**4**														0
3626– 6	XII	S 200	60	50	3	**6**						1 **2**		1 **2**			1 **2**			3
3638– 5	I	S 150	60	50	1	**4**											1 **4**			1
3663–10	II	S 150	120	50	1	**2**									1 **2**					1
3676– 7	III	S 150	180	5000	1	**2**													1 **2**	1
3677– 3	—	S 150	180	3000	1	**2**													1 **2**	1
3678– 5	—	S 150	180	1000	1	**2**										1 **2**				1
3680–10	—	S 150	120	50	28	**56**		3 **6**				2 **4**	2 **4**	1 **2**		6 **12**	5 **10**	1 **2**	7 **14**	27
3681– 4	—	S 150	120	100	6	**12**						2 **4**		1 **2**		3 **6**				6
— 5	—	S 150	120	50	1	**2**						1 **2**								1
3682– 5	—	S 150	120	50	21	**42**					1 **2**	3 **6**	5 **10**	1 **2**	3 **6**	2 **4**				15
3683– 2	IV	S 150	180	4000	1	**1**				1 **1**										1
— 5	—	S 150	180	1000	1	**1**														0
— 7	—	S 150	120	600	1	**2**													1 **2**	1
— 9	—	S 150	120	100	4	**8**										1 **2**			1 **2**	2
— 10	—	S 150	120	50	7	**14**				2 **4**	1 **2**	1 **2**	1 **2**	1 **2**		1 **2**				7
3684– 5	—	S 150	120	50	2	**4**										1 **2**		1 **2**		2
3685– 9	—	S 150	180	2000	1	**1**														0
3689– 2	—	S 150	180	2500	1	**1**								1 **1**						1
3689– 9	—	S 150	90	100	2	**5**										1 **2**	1 **2**			2
3713– 5	V	S 150	60	50	13	**52**										1 **4**	3 **12**		1 **4**	5
3714– 5	—	S 150	120	50	1	**2**								1 **2**						1
3715– 3	—	S 150	60	300	1	**4**												1 **4**		1
— 5	—	S 150	60	50	6	**24**									1 **4**		2 **8**	1 **4**		4
3718– 4	—	S 150	60	100	1	**4**											1 **4**			1
— 5	—	S 150	60	50	2	**8**									2 **8**					2
3720– 2	—	S 150	30	100	3	**24**									1 **8**	1 **8**				2
— 3	—	S 150	30	50	8	**64**									1 **8**	2 **16**	1 **8**	4 **32**		8
3722– 4	—	S 200	60	100	1	**2**								1 **2**						1
3723– 4	—	S 200	60	100	2	**4**														0
— 5	—	S 200	60	50	2	**4**										1 **2**			1 **2**	2
3724– 2	VI	S 200	60	100	1	**2**								1 **2**						1
3728– 3	—	S 200	120	300	1	**1**											1 **1**			1
— 5	—	S 200	120	50	6	**6**											3 **3**	1 **1**	2 **2**	6
3729– 4	—	S 200	120	100	2	**2**										1 **1**				1
3739– 4	VII	S 200	120	100	9	**9**						1 **1**	1 **1**		2 **2**					4
— 5	—	S 200	120	50	15	**15**						3 **3**	2 **2**	3 **3**	1 **1**	1 **1**	1 **1**			11
3748– 2	—	S 200	120	150	8	**8**								1 **1**	1 **1**	1 **1**	1 **1**	2 **2**	2 **2**	8
3751– 3	—	S 200	120	300	2	**2**					1 **1**								1 **1**	2
— 4	—	S 200	120	100	6	**6**				1 **1**		1 **1**							1 **1**	3
— 5	—	S 200	120	50	14	**14**		1 **1**		3 **3**	3 **3**	1 **1**			1 **1**	1 **1**				10
3768– 6	—	S 200	120	700	3	**3**						1 **1**					2 **2**			3
— 14	—	S 200	150	600	3	**2**									1 **1**	1 **1**				2
— 15	—	S 200	150	500	1	**1**									1 **1**					1
— 16	—	S 200	150	400	2	**2**										1 **1**			1 **1**	2
— 17	—	S 200	150	300	6	**5**							1 **1**	1 **1**		2 **2**		1 **1**		5
— 18	—	S 150	150	100	40	**64**		1 **2**		1 **2**	1 **2**	5 **8**		2 **3**	5 **18**	12 **18**	4 **7**	2 **3**		33
4760	I	S 150	55	137	1	**4**														0
4761	IV	S 150	?	137	1	**2**								1 **2**						1
4768	—	S 200	43	293	3	**9**										1 **3**		1 **3**		2
4772	—	S 150	55	201	2	**8**		1 **4**								1 **4**				2
4775	—	S 200	30	220	2	**8**										1 **4**	1 **4**			2
4778	—	S 200	47	183	5	**13**								1 **3**	2 **6**	2 **6**				5
4779	—	S 200	36	183	28	**85**										3 **10**	7 **24**	12 **40**	4 **14**	26
4781	VII	S 200	35	143	20	**60**		3 **10**				2 **7**		4 **14**	1 **4**	6 **20**	1 **4**	1 **4**	1 **4**	19
4787	V	S 200	38	220	20	**59**	1 **3**	5 **15**		6 **17**	2 **6**	1 **3**	1 **3**	1 **3**	1 **3**					18
4788	—	S 200	45	220	20	**57**										4 **10**	8 **20**	5 **12**	2 **5**	19
4789	—	S 200	30	220	3	**12**				2 **8**					1 **4**					3
4794	VII	S 200	35	220	51	**190**							2 **7**	3 **11**	3 **11**	25 **96**	14 **53**	2 **7**	1 **4**	60

St. no.	Month	Gear	Dur. min.	Wire l. m	Numbers		Larval stages												Total
					caught	conv.	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	
4795	VIII	S 200	40	220	2	**6**											1 **3**			1
4796	X	S 200	20	220	5	**30**		1 **6**		1 **6**						1 **6**				3
4797	I	S 200	50	201	2	**5**								1 **2**			1 **2**			2
4798	—	S 150	45	201	5	**28**		3 **16**								1 **6**				4
4799	III	S 150	50	201	7	**34**								1 **5**	1 **5**	3 **15**	1 **5**	1 **5**		7
4802	IV	S 200	25	183	2	**10**										1 **5**			1 **5**	2
4811	VIII	S 200	25	183	2	**10**										1 **5**				1
4813	IX	S 200	25	183	1	**5**								1 **5**						1
4815	I	S 150	45	201	17	**96**	1 **6**	4 **21**		3 **16**	2 **11**	1 **6**			1 **6**	1 **6**			1 **6**	14
4818	VIII	S 150	30	201	11	**88**						1 **8**	1 **8**	1 **8**	1 **8**	6 **48**	1 **8**			11
4819	VI	S 150	50	201	1	**5**				1 **5**										1
4820	III	S 150	40	201	2	**12**		1 **6**									1 **6**			2

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