MEAN SIZE of OOG amphs in each HAB com.

	SATN		PRES		diams
	$\bar{X}$ No	$\bar{X}$ Size	No T	Size	
HC1	0.86	1.098	7K	$\bar{x}$ 2.81	0.955
np 13		0.306 σ		σ 3.08	
nt 15					
HC2	$\bar{X}$ No	$\bar{X}$ Size			
np 30	2.5	1.392	128	1.91	0.149
nt 12		0.63 σ		0.91	
HC3	$\bar{X}$ No	$\bar{X}$ Size			
np 23	~~1.375~~	1.395	88	2.404	0.395
nt 16	1.438	0.80		1.000	
HC4	X No	X Size	112	2.487	0.137
	3.0	2.39		0.789	
		0.84			
HC5	X No	X Size	128	2.496	0.590
	1.0	2.156		1.07	
		0.~~83~~			
HC6	X No	X Size	187	2.165	0.227
	2.89	1.242		0.907	
		0.74			

(e) OTHER AMPHS - SIZE FREQ - HABITAT COMPLEXITY 25/6 - 26/6/83

1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c
1.6	1.7	2.9	1.5	1.7	1.4	1.6	1.6	4.8	2.3	1.2	3.6	1.7	1.4	3.2	1.5	1.3	1.2
1.8	3.4	1.0	1.2	1.7	1.8	1.4	1.2	3.2	(c)	1.0	(3)	1.6	1.9	1.8	1.0	1.8	0.9
1.4	1.8	2.1	1.5	1.0	2.8	3.6	1.4	1.4		(d)		2.8	1.9	3.0	1.5	1.6	1.2
1.5	1.4	1.8	1.3	1.2	1.1	1.7		1.3					1.9	2.5	(d)	1.4	1.6
4.2	3.0	1.5	1.0	1.1	1.0	3.0		2.7		3.4			(?)	2.5		1.3	1.2
0.9	1.6	1.4	1.1	1.1	1.1	1.9		1.3		(g)				3.4	1.7	2.0	1.4 d
1.4	2.2	2.6	1.6	1.4	3.7	3.1								5.6	1.3	1.2	1.5
2.0	1.4	6.3	1.5	3.7	3.0	1.2		3.7		3.5				2.8	1.9	(d)	1.3
2.7	1.5		1.4	5.4	2.2	1.1		(e)		(?)				3.1	1.3	1.5	1.2
8.9	1.4		1.4	2.2	2.5									1.8	1.1	1.1	1.2
1.0	1.8		1.0	3.6	0.9									4.2	1.5	(d)	1.1
2.5	1.2		1.1	2.4	1.0									1.1	2.3		1.2
1.8	1.2		1.0	1.7	1.6									2.3	2.3		(d)
2.9			1.4	3.9	1.7									1.7	1.8		
2.6			2.2	3.4	1.4									3.4	2.4		1.4
			1.4	1.5	1.4									3.3			1.2
			1.6	2.7	1.2									5.5			2.9
			2.3	2.2	1.4									2.8			1.4
			1.8	1.4	1.9									1.4			
			1.4		1.3									3.0			1.5
			1.6		1.4									1.9			2.8
			1.4		1.4									2.0			(e)
			4.6		1.7									1.4			
			4.2		1.3									2.6			
			1.0		1.0									3.2			
			5.3											2.8			
			1.1											2.0			
														2.6			
														2.6			
														3.8			
														2.0			
														1.4			
														5.0			
														3.0			
														d e f			
														9.0 1.8			
														1.5 2.1			
														1.6			
														1.5 2.0 e			
														0.9			
														2.0			
15	13	8	27	19	27	9	3	6	1	4	1	3	4	42	13	10	16

AMB – SIZE FREQ – HABITAT COMPLEXITY 25/6 – 26/6/83

1a	1b	1k	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c.
NIL	2.2	0	1.3	2.7	1.8	NIL	3.1	2.3	2.9	2.4	2.0	1.8	3.5	NIL	1.8	3.6	2.0
			1.4	1.5			2.5	1.4	1.6	1.7	2.6	3.0	2.8		2.6	3.0	2.7
			1.9					1.5	3.0	1.9	2.0		1.5		1.3	3.6	3.0
			2.4						2.9	1.1	1.6		3.1		3.3	2.5	3.6
									1.9	2.1	2.7		2.4		3.0	3.0	1.4
									2.4	1.3	2.2		2.4		2.4	2.9	1.6
									3.0	1.8	1.4		2.8		1.5	2.2	2.4
									1.5	3.2	1.5		3.3		3.2	3.6	3.0
									2.3	2.6	1.7		2.6		2.4	1.3	2.6
									1.5	3.0	2.7		2.6		1.1	2.1	2.6
									3.7	2.7	2.5		3.0		2.7	2.0	1.2
									1.7	3.0	1.2				3.8		2.4
									1.9	2.4	2.6				2.8		3.3
									3.6		2.2				3.4		2.7
									3.0		1.6				3.3		
									2.3		3.3				1.0		
									2.1		3.4				3.5		
									3.1		2.6				2.7		
									3.3		3.0				3.4		
									2.8		1.7				2.3		
									2.4		4.2				3.5		
									1.6		2.2				1.8		
									3.5		2.4				2.1		
									2.5		2.6				2.7		
									2.8						0.9		
									2.2						2.0		
									1.7						3.4		
									2.9						1.4		
															3.1		
															2.4		
															2.0		
															1.3		
															3.4		
															2.0		
															1.2		
															1.4		
															1.9		
0	1	0	4	2	1 (2)	0	2	3	28 (27)	13 (12)	24 (23)	2	11	0	37	11	14 (16)

AMA – SIZE FREQ – HABITAT COMPLEXITY 25/6 – 26/6 | 1983.

	0.862	1.204	0.8	0.136	0.212	0.098	0.314	0.081	0.519	0.124	0.075	0.211	0.577	0.253	0.941	0.114	0.356	0.211
	1a	1b	1c	2a	2b	2c	3a	3b	3c	4a	4b	4c	5a	5b	5c	6a	6b	6c
	2.0	2.1	2.2	1.9	1.5	1.1	1.6	3.2	5.1	2.1	NIL	2.3	4.0	2.0	2.7	4.6	3.0	3.6
	2.5	2.2	3.4	1.8	1.9	1.5	1.4	2.9	2.1	2.1		1.8	2.3	2.3	3.4	3.6	1.7	2.7
	2.4	3.8	4.5	1.7	1.4	1.9	1.5	3.3	3.1	2.4		2.2	4.9	3.2	2.0	2.8	1.5	1.8
	3.8	2.2	1.8	1.7	2.5	4.9	3.6		1.7	2.0		5.0	2.8	2.6	3.1	1.9	2.7	2.6
	2.5	3.2	3.8	1.8	4.9	2.3	1.7		4.7	2.4		3.7	3.2	2.2	1.4	1.3	2.0	1.6
	2.1	2.5	4.9	1.3	1.7	1.5	1.9		3.7	1.8		2.2	3.4	2.3	1.8	3.7	2.0	1.6
	1.4	2.4		1.5	3.7	1.6	1.7		2.2	3.5		3.3	3.7	1.8	1.5	1.9	1.5	2.7
	3.8	2.9		1.9	1.9	1.9	3.9		2.9	2.1		1.9	2.3	2.2	2.1	1.8	1.9	1.6
	1.4	2.0		2.1	1.6	1.8	1.8		2.9	2.7		1.6	2.4	2.9	1.8	4.8	1.0	1.8
	3.8	3.7		1.7	2.3	2.4	3.0		2.9	2.0		3.0	3.2	4.2	2.4	2.4	1.1	1.3
	1.4	2.5		1.4	2.2	2.6	1.9		2.2	4.0		2.9	3.5	3.0	1.3	3.4	1.2	1.8
	1.8	3.4		2.4	1.7	1.7	3.1		2.6	2.0		1.6	2.1	1.8	1.2	2.7	2.9	4.4
	1.9	2.8		1.6	1.6	3.3	3.3		4.4	3.4		2.2	3.0	1.7	1.9	2.0	1.4	1.4
	3.8			2.3	1.8		2.8		3.4	2.1		2.4	1.8	2.5	1.8	1.6	4.3	1.2
	1.4			1.6	1.4		1.8		3.4	2.1		2.2	4.5	3.4		3.8	5.0	1.8
				1.7			1.2		1.8	2.8		1.9	1.8	1.8		2.8	1.4	1.5
				2.4			1.9		1.8	3.1		3.3	1.3	1.6		2.2	2.9	1.4
				1.6			1.2		2.0	2.8			2.4	1.9		3.4	4.7	2.1
				2.3			1.1		2.0	3.1			1.7	1.8		2.1	2.4	1.7
				1.6			1.2		1.7	2.8			2.8	2.1		2.1	0.8	1.8
				1.8			1.8		3.1	3.8			2.2	1.9		3.5	1.4	3.1
				1.9			2.8		2.1	1.8			2.9	2.6		1.9	3.5	2.5
							1.8		1.6	2.7			1.0	2.9		3.4	1.4	1.9
							2.0		4.8	5.0				1.2		1.8	1.7	1.8
							1.8		2.6	4.3				2.6		0.8	1.2	
									1.6					1.9		2.5	1.7	
									2.1					1.2		1.4	2.7	
									2.4							2.8	2.0	
									3.0								2.9	
									4.1								2.3	
									4.4								1.7	
																	0.9	
1=	15	13	6	20	15	13	17	3	31	24	0	17	24	27	15	29	33	24

TNJOM TWT HAB COMP 1 – AMPHS EATEN

	amc	amb	amd	amf
D+	7 2.88		FISH LT 24 24 26 26 22 23 27 26 28 22 22 22 20 20	1x 23.4 n=15
B	4 3.05			
A	2 1.62			n=13.
				6 0.328
				0.846
				1.098
			1x 20	1x Sub.
H113 20	0	0	1.555 0.76	
H17 27	0	0	1.16 0.84	
H13 26	1.45	0	0	
H12 24		0	0.95 0.8	
H11 24	1.14	1.15 1.49 M 1.14	0.555	

gms 10-5

X100 /

2547 969

T. Nom Twt

HAB COMP 2 – amphs eaten

	A	B	Qt				
	14 26.47	1 4.61	18 13.67			FISH-LT 29 25 24 23 20 19 20 18 16 17 17 17 $\bar{x}$ 20.6 n=12	
H22 25	1.93 0.78	0		0.45			0
H21 29	2.7 3.3 1.05	0		0			0
H23 24	0	0		1.0			0
H24 23	0	0		1.0			0
H25 20	0	0		1.25 1.1 1.25 1.0			2.15
H26 19	1.63	0		1.55			0
H27 20	0	2.45		1.8			0
H28 18	0	0		0.85			0
H29 18	1.83 1.65 1.37 1.0	0		1.48 0.9 0.8 1.1 0.78			0
H210 17	0	0		1.5 1.0			0
H212 17	1.1	0		0			0

ama amb amd amf

T.N TW+ HAB COMP 3 – amphsealen

	ama	amb	and
D+	13 (6.06)		FISH 47 27 26 27 26 25 24 24 22 22 22 22 19 18 18 17 $\bar{x}$ = 22.7 n = 16
B	0 0		
A	10 36.36		
H315 18	1.36	0	0.65 1.33
H314 18	2.55	0	1.0
H310 20	0	0	.72 .77 .7 .75 .85 1.0
H36 22	0	0	1.22
H39 22	0.7	0	0.99 0.67
H33 27	2.15 2.1	0	0
H32 26	3.3 3.3	0	0
H31 27	1.56 1.55 0.8	0	1.87

T.N T.Wt HAB comp 4 – amphs eaten

Dt	1 1.61		FISH LY 30 25 24 29 21 27 27 24 23 24 22 20 21 20 20	$\bar{x} = 23.7$ $n = 15$
B	40 95.88			
A	4 59.89			
H45 20	0	2.3		
H44 20	0	1.6 2.1	0	
H43 21	3.4	2.5	0	
H42 20	2.43	2.12 2.2 2.8	0	
H41 22	1.0	1.8 3.2 3.5 2.1	0	
H40 24	0	1.8	0	
H39 24	0	1.4 2.4	1.75	
H47 27	5.4	2.9	0	
H46 27	0	3.3	0	
H44 27	0	3.4 3.2	0	
H43 24	1.87	2.45 3.8 2.8	0	
H42 25	0	1.7 3.2 2.7	0	
H41 30	0	1.83 2.7 1.88 2.37 2.3 1.13 1.17 1.75 1.0 1.87 3.0 0.92 2.1 2.0 3.0 2.62	0	

ama amb amd

a b d

T.N T.Wt HAB comp 5 – amphs eaten

O+	2 3.70	FSH 47	28 27 26 27 27 25 28 27 28 24 30 23 23 22 $\bar{x}$ 26.4 n=14
B	12 6.12		
A	0 0		
HS13 23	3.5	0	0
HS12 23	3.4	0	0
HS9 20	2.3 1.5 1.4 1.2	0.9	0
HS8 27	0.9	0	0
HS7 29	1.78 1.4 3.4 2.9	0	0
HS4 27	0	0	2.2
HS2 27	3.4	0	0
	amb	amd	amf

T.N T.Wt HAB COMP 6 – amphs eaten

		ama	amb	amd
H61 30		0	0	0.68
H62 29		0	2.9	0
H63 27		0	0	0.75
H64 27		0	1.1	1.3
H66 33		0	2.4	0
H67 30		0	0	0.9 1.0
H68 24		0	3.1	0
H69 25		1.2 1.58 1.6 1.1	1.5	0.5 0.6
H610 26		0	2.15 1.16	1.2 0.95 0.98 1.1 0.75 1.0 1.08 1.25 0.45 0.5
H613 23		0.54	2.75 1.0	0.97 0.85
H614 24		0	3.1 3.0 0.95	0.7 0.7 0.5 0.43 0.45 0.6
H615 22		0	0	1.55
H616 22		0	2.7	1.45 0.55 0.55 1.1
H617 20		2.25	0	1.08
H618 19		0	1.7 1.3 1.7 1.38	0.55
A		6 6.72		
B		16 61.27		
D+		31 9.32		FISH LT 30 29 27 27 29 33 30 24 25 26 24 22 23 24 22 22 20 19 $\bar{x}$ = 24.88 n = 19

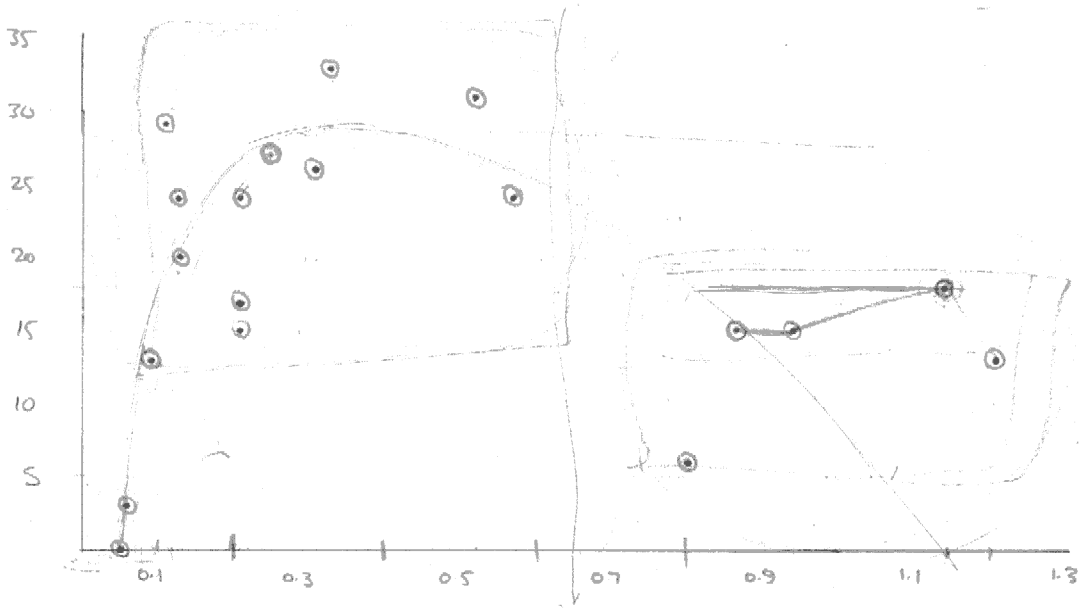
HABITAT	WT SEA GRASS	No ama	No amb	No am+	TOT amph	TOT WT AMA
1	0.862	15	0	15	30	0.98
	1.204	13	1	13	27	0.92
	0.8	6	0	8	14	0.69
	$\bar{x}$ 0.955	11.33				0.93
	σ 0.217	4.72				0.046
2	0.136	20	4	27	51	0.42
	0.212	15	2	19	36	0.74
	0.098	13	1	27	41	0.68
	$\bar{x}$ 0.149	16.00				0.61
	σ 0.058	3.60				0.170
3	0.314	17	0	9	26	1.01
	0.081	3	2	3	8	0.28
	0.519	31	3	6	40	2.9
	$\bar{x}$ 0.305	17.00				1.40
	σ 0.219	14.00				1.352
4	0.124	24	28	1	53	1.92
	0.075	0	13	4	17	0.0
	0.211	17	24	1	42	1.14
	$\bar{x}$ 0.137	13.66				1.02
	σ 0.069	12.34				0.966
5	0.577	24	2	3	29	1.92
	0.253	27	11	4	42	1.25
	0.941	15	0	42	57	0.50
	$\bar{x}$ 0.590	22.0				1.22
	σ 0.344	6.24				0.71
6	0.114	29	37	13	79	2.1
	0.356	33	11	10	54	1.74
	0.211	24	14	16	54	0.95
	$\bar{x}$ 0.227	28.66				1.59
	σ 0.122	4.51				0.588

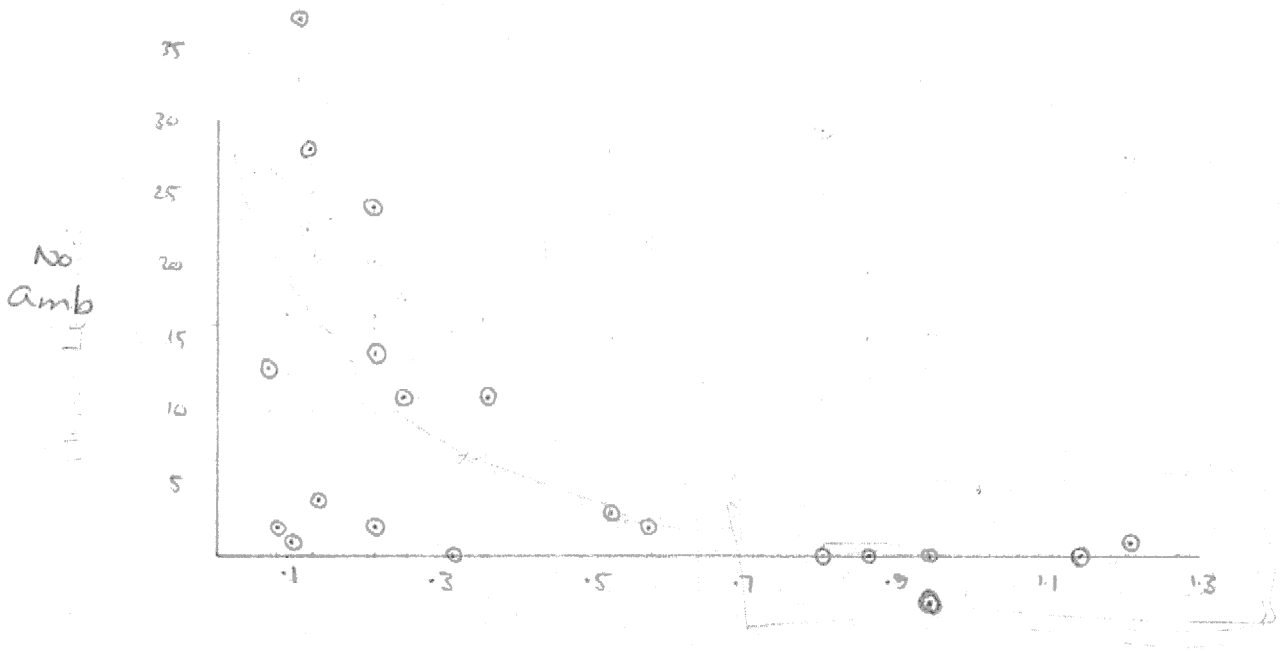
* wt in gms 10^{-5}

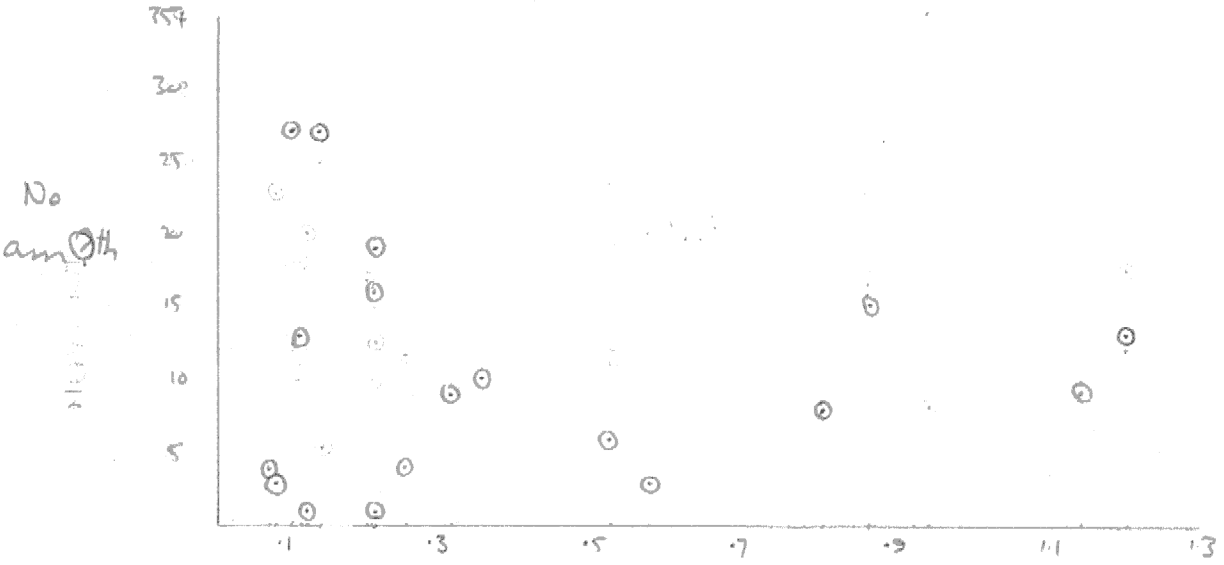
adjustment = wt / $\bar{x}$ length = $\bar{x}$ TOT length / n

HAB IT TAT	No Fish T. Lth.	No & Wt ama	No & Wt amb	No & Wt am+	Wt ama adjusted	Wt amb adjusted	Wt am+ adjusted	TOT No eaten/ fish						T. Lt adj Fish = 2142
1	15 $\bar{x}$ 23.9 σ 2.75	2 1.62	4 3.05	7 2.88	0.1086	0.2045	0.1931	0.87						n = 91 $\bar{x}$ = 23.54
2	12 $\bar{x}$ 20.6 σ 3.85	10 26.47	1 4.61	18 13.67	2.5206	0.4390	1.3017	2.41						
3	16 $\bar{x}$ 22.7 σ 4.01	10 36.36	0 0	12 6.06	2.3566	0	0.3928	1.37						
4	15 $\bar{x}$ 23.7 σ 3.09	4 59.89	40 195.88	1 1.81	3.9657	12.9705	0.1198	3						
5	14 $\bar{x}$ 26.4 σ 2.73	0 0	12 64.12	2 3.70	0	4.0838	0.2356	1						
6	19 $\bar{x}$ 26.06 σ 3.3	6 6.72	16 61.27	31 9.32	0.3195	2.9129	0.4431	2.79						

0.2 - 0.6 0.61 - 1.2


No. AMA
35
30
25
20
15
10
5
0.1
0.3
0.5
0.7
0.9
1.1
1.3


No amb
35
30
25
20
15
10
5
.1
.3
.5
.7
.9
1.1
1.3


No amOth
35
30
25
20
15
10
5
.1
.3
.5
.7
.9
1.1
1.3

	17 – 20	21 – 24	25 – 28
1·4	𝍸 I	𝍸	II
1·6	𝍸	𝍸 II	IV
1·8	II	IV	II
2·0	𝍸	I	III
2·2	III	I	
2·4	III	III	
2·6		𝍸 I	IV
2·8	I	I	I
3·0		III	
3·2		𝍸 I	𝍸 I
3·4		𝍸	II
3·6			
3·8		I	
4·0			
4·2			
4·4			
4·6			
4·8			
5·0			
5·2			

5.6			
5.8	20 19 20 20 20 18 18 20 19 20	24 25 24 23 22 23 24 24 24	25 26 27 27 29 25 27 27 29 27
6.0	18 17	22 21 24	26 27 26 25 29

$n = 22$

$\bar{x} = 1.86$

$\sigma = 0.42$

$n = 25$

$\bar{x} = 2.42$

$\sigma = 0.77$

$n = 21$

$\bar{x}$ 2.6

$\sigma = 0.96$

FISH SIZE

$n = 12$

19

$n = 12$

23

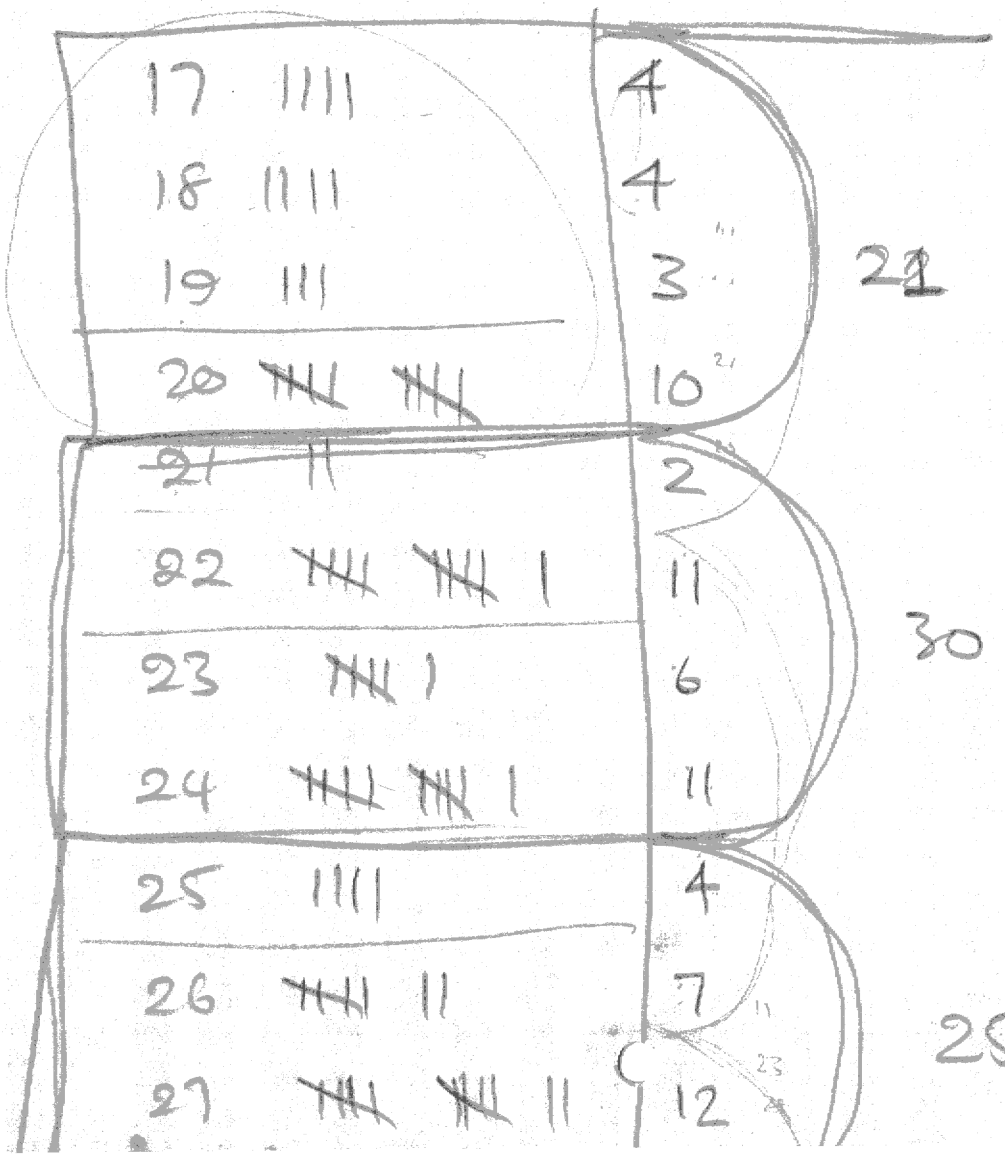
$n = 15$

26.67

SIZE FREQ AMPHS EATEN 25 - 26/6.

≥ 1.4 mm.

SIZE RANGE — ~~12~~ 17 – 30



28	11	2
29	𝍸	5
30	𝍸 1	6
31		
32		
33	1	

C

14