BENTHIC COLLECTION 23-26/4/83.

① < 0.5mm sieve

QUAD	HA	AMA	AMB	AMC	AMD	AME	AMF	IS	CU	CO	AMG	CAP	
11	2012	52	0	0	116	0	0	64	28	16	0	0	* ck
10	1668	24	0	0	16	0	0	48	44	4	0	0	
9	960	72	20	12	60	0	4	92	60	12	0	0	
8	1648	40	12	4	204	0	20	232	120	0	4	0	
7	456	36	8	0	8	0	0	24	16	12	0	8	
6	3972	68	0	0	488	0	32	512	400	16	0	32	
5	1148	136	0	12	112	0	4	128	108	8	4	12	
4	1244	24	24	0	4	0	0	4	32	12	0	4	
3	1928	88	0	0	72	4	36	248	84	0	0	4	
2	1036	104	12	0	4	0	0	21	12	0	0	8	
1													
0													

31.42 22.42

Qr anph $\bar{x} = 31.5$ σ 22.46.

IS $\bar{y} = 1.58$ σ 1.93

AMO

.8
.8
.16
.9
.1
20 (23)
.8
.1
.24
.9
.3
.1

(ame excluded)

② •5mm sieve

DEC

QUAD	OTHER	AMA	AMB	AMC	AMD	AME	AMF	IS	CU	CAP	PN	CO
11	2amg	13	0	0	3	0	3	1	0	6	2	2
10	—	9	1	1	0	0	6	0	2	0	0	1
9	3ha. 2amg	41	3	0	3	0	8	5	5	1	1	2
8	1dec	8	4	0	1	0	4	2	0	1	1	0
7	—	7	1	0	0	0	0	0	0	2	0	0
6	3am? 9po	21	0	3	6	0	11	4	2	5	3	2
5	1amc, 1po	71	2	2	0	0	3	3	1	5	1	0
4	—	11	0	1	0	0	0	0	1	3	0	0
3	2amg	25	0	0	6	0	16	0	0	7	0	0
2		34	9	0	0	1	0	0	0	10	0	1
1		18	0	0	1	0	2	0	5	5	0	0
0	1g	11	0	0	0	1	0	4	3	0	0	2

16·08 10.74

av amplitude $\bar{x}$ = 16·25 σ 10·65

amo
3
4
9
5
1
2
2
6
2
10
81
3

.71mm sieve

QUAD	AMA	AMB	AMC	amD	ame	amf	CAP	PN		amG	PO	Co
11	5	0	0	1	0	2	1	7	-	0	0	0
10	10	2	0	0	0	2	0	2	1 pag 1 po	0	0	0
9	12	5	1	0	0	2	1	0	-	1	0	0
8	5	3	2	0	0	0	0	0	-	0	1	0
7	3	1	0	0	0	0	0	1	2 dec	0	0	1
6	16	0	1	0	0	0	2	4	1 am?	0	2	0
5	41	2	0	0	0	0	1	2	2 pag	0	0	0
4	5	6	0	0	0	0	2	0	-	0	0	0
3	21	0	1	0	0	1	0	0	-	0	2	0
2	10	10	0	0	0	0	4	0	1 dec	0	0	0
1	2	0	1	0	1	0	0	2	-	0	0	0
0	15	3	0	0	1	0	0	1	1 cu	0	0	0

13·83 9.2

Av No Amphipods 14·16 σ 9.2

	amph
	1
	0
	1
	3
	0
	1
	0
	2
	0
	7
	0
	0

TOTAL AMO

			x̄	σ
1	3	8	= 12	12
0	4	8		12
1	9	16		26
3	5	9		17
0	1	1		2
1	2	20		23
0	2	8		10
2	6	1		9
0	2	24		26
7	10	9		26
0	2	3		5
0	3	1		4

$\bar{x} = 14.33$

$\sigma = 9.0185$

TOTAL ALL SIEVES →

2283	2
1794	7
1320	1
2201	6
637	5
5155	4
1692	3
1340	6
2444	

1·0 & 1·4 mm sieve

QUAD	ama	amb	amc	amd	ame	amf	cap	pn			amq	cu	
11	4 4	0 0	0 0	0 0	0 0	1 0	1 1	2 2					
10	8 –	0 –	0 –	0 –	0 –	0 –	0 –	1 –					
9	9 4	1 –	0 –	0 0	0 –	0 –	0 –	0 –	3dec	1pg	1		
8	2 3	2 1	0 0	0 0	0 0	0 0	0 1	1 0					
7	1 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0				1	
6	10 10	0 0	0 1	0 0	1 0	0 0	0 1	1 11					
5	20 3	0 0	0 0	0 0	0 0	0 0	0 0	0 2	4dec 2 po				
4	1 10	2 0	0 0	0 0	0 0	0 0	0 0	1 0	3dec 1 po				
3	19 18	0 0	0 0	0 0	0 0	0 0	1 0	0 0					
2	1 2	7 0	0 0	0 0	0 0	0 0	0 0	0 0					
1	8 4	0 0	0 0	0 0	0 1	0 0	0 0	0 2	1dec				
0	5 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0					

H

QUAD	HA	ama	amb	amc	amd	amg	amf	IS	cu	co	cap	pn	
11	2012	78	0	0	120	2	6	65	28	18	9	13	·29
10	1668 3480	51 129	3 3	0 0	16 136	0 2	8 14	48 113	46 74	5 23	0 9	3 16	·26
9	960 4640	138 267	29 32	13 13	64 200	4 6	15 29	97 210	65 139	14 37	2 11	1 17	·34
8	1648 6288	58 325	22 54	6 19	205 405	4 10	24 53	234 444	120 259	0 37	2 13	2 19	·38
7	456 6744	49 374	10 64	0 19	8 413	0 10	0 53	24 468	17 276	13 50	10 83	1 20	·39
6	3972 10716	125 499	0 64	5 24	494 907	0 10	43 96	516 984	402 678	18 68	40 123	19 39	·42
5	1148 11864	271 770	4 68	14 38	112 1019	5 15	7 103	131 1115	109 787	8 76	18 141	5 44	·44
4	1244 13108	51 821	24 94	1 39	10 1029	4 19	2 105	4 1119	32 819	12 88	9 150	1 45	·43
3	928												
2	1036												
1													
0													

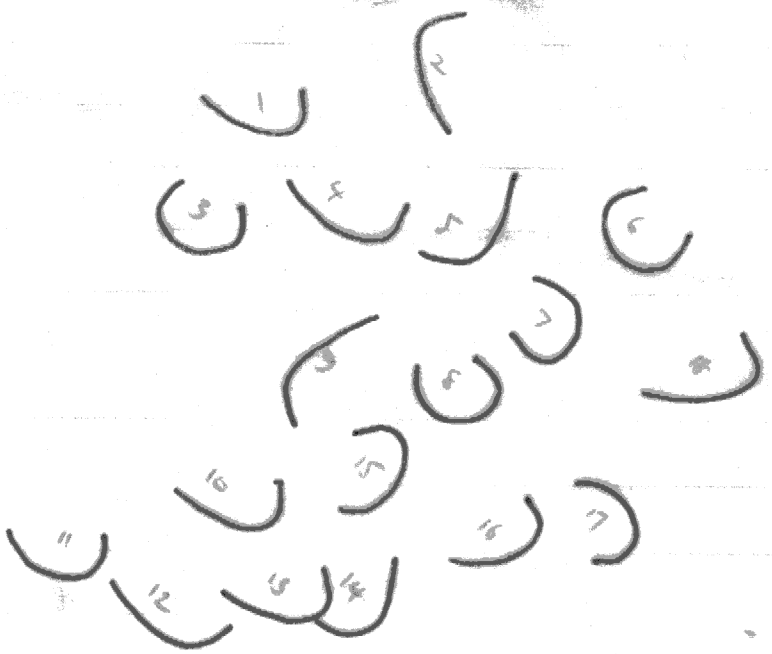
1	·55	10	·94
2	1·0	11	·95
3	1·15	12	·99
4	1·05	13	1·0
5	1·0	14	·85
6	1·2	15	1·08
7	1·08	16	·83
8	1·15	17	·94
9	1·05	18	1·08

1·02

> 0·5 mm.

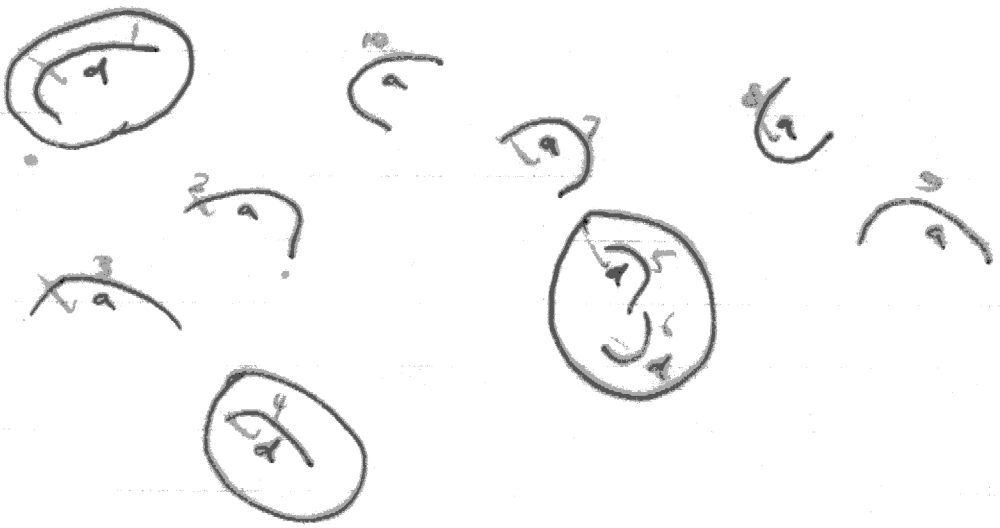
1	1·2
2	1·12
3	1·25
4	·73
5	·62
6	·58
7	1·1
8	1·11
9	1·18
10	1·1

< 0·5 mm.



x 20
Q9-
ana

>.5mm one of these is a ame



QUAD 10 <5
X 20

1	1.12
2	1.18
3	1.07
4	1.05
5	.94
6	1.13
7	1.05
8	1.2
9	1.2
10	1.05
11	1.05
12	1.12
13	1.1

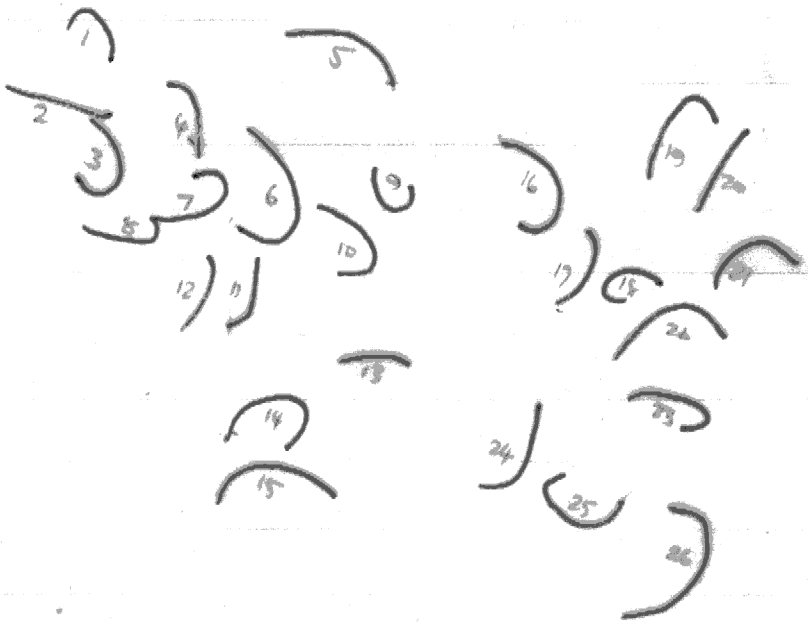
$\bar{X} = 1.1$

1	.6
2	.73
3	.8
4	.6
5	.93
6	1.23
7	.9
8	.6
9	.55
10	~~.63~~ .82
11	.53
12	.57
13	.49
14	1.0
15	.98
16	1.0
17	.6
18	.63
19	.9
20	.65
21	.78
22	1.0
23	.8
24	.79
25	.87
26	1.25

$\bar{X}$

0.79

QUAD II
X20
Sp AMA

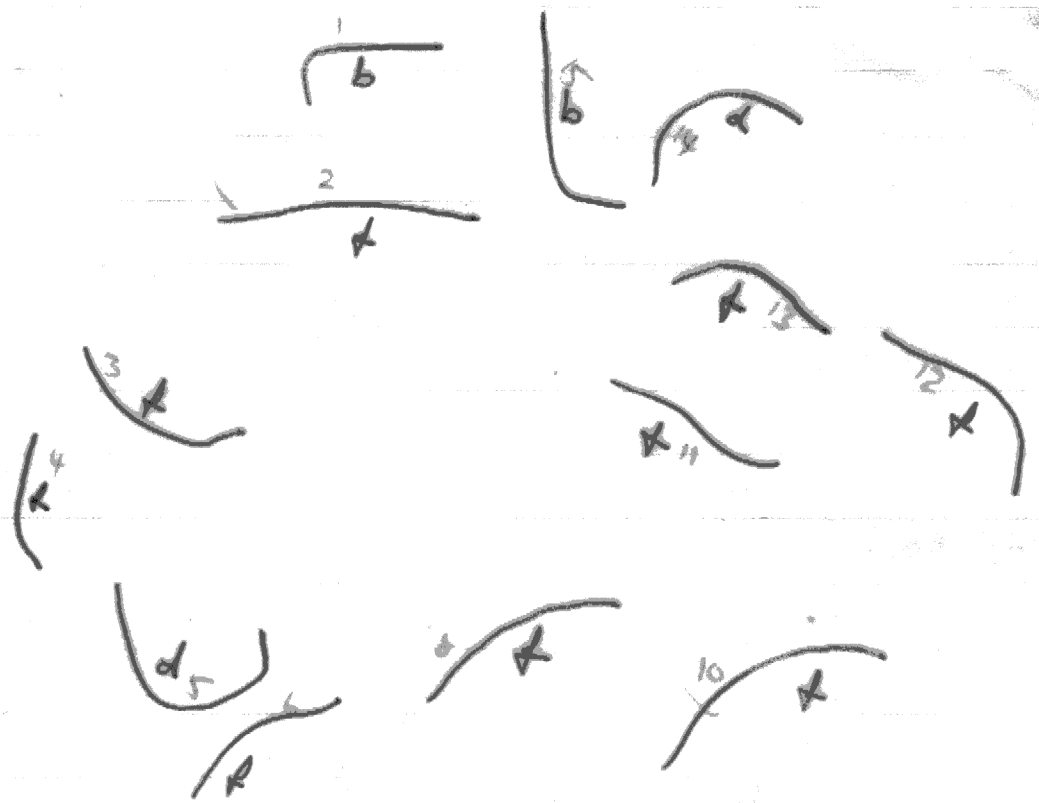


Sp AMD
X20
QUAD II

b	1	2.35
b	2	1.63
b	3	1.63
a	4	1.23
b	5	1.8
a	6	2.88
a	7	1.5
a	8	1.2
f	9	2.3
a	10	1.5
	11	–
a	12	2.0
a	13	1.9
a	14	1.5
f	15	1.6
f	16	1.3
f	17	1.6
d	18	1.7

b	1	1.2
f	2	1.8
f	3	1.4
f	4	1.0
d	5	1.9
f	6	1.2
b	7	1.7
f	8	1.5
d	9	2.2
f	10	1.8
f	11	1.3
f	12	1.6
f	13	1.2
d	14	1.4
b	15	1.6

Q8
X20



X20
bdf
Q9 .5mm

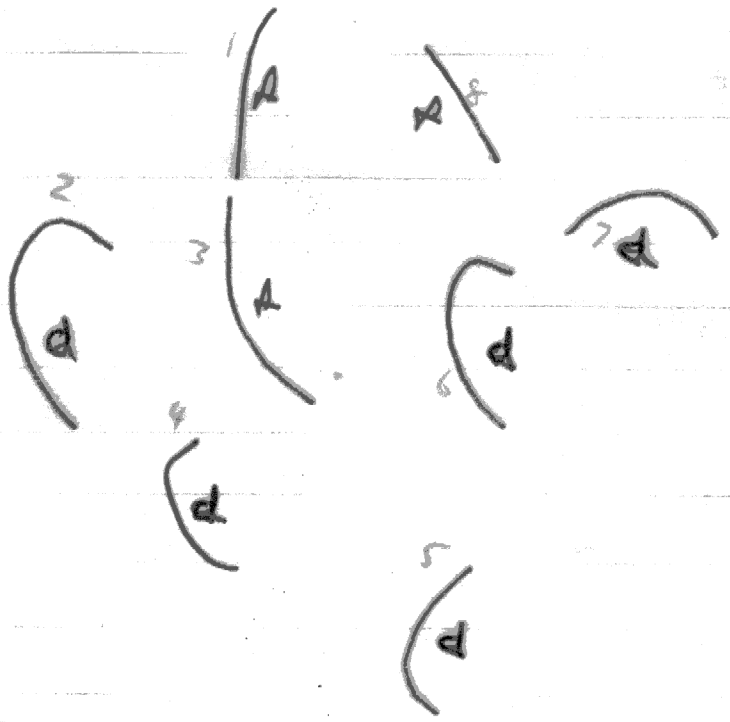
1.59

1	1.2
2	1.43
3	1.47
4	1.98
5	1.21
6	1.67
7	1.6
8	1.5
9	1.6
10	1.17
11	1.7
12	1.9
13	1.18
14	2.3
15	1.8
16	1.95
17	1.04
18	1.5
19	1.7
20	1.9

31.8

f	1	1.2
d	2	2.0
f	3	1.6
d	4	1.2
d	5	1.2
d	6	1.6
d	7	1.2
f	8	.9

·5mm
×20
ama Q9

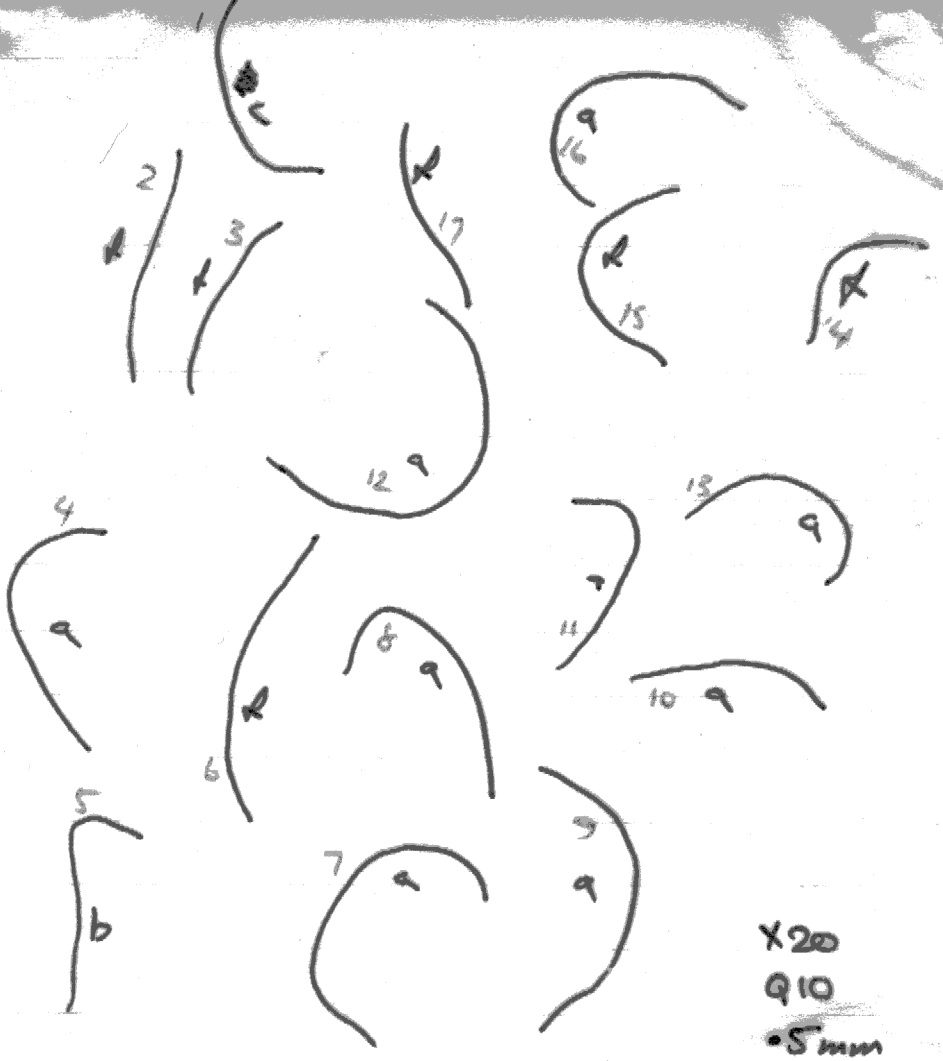


×20 Q11
sp and s amf

c	1	1.7
f	2	1.6
f	3	1.4
a	4	2.0
b	5	1.7
f	6	2.1
a	7	2.3
a	8	2.1
a	9	2.3
a	10	1.4
a	11	1.6
a	12	2.9
a	13	1.7
f	14	1.2
f	15	1.8
a	16	2.1
f	17	1.4

$\bar{X}$ 1.48

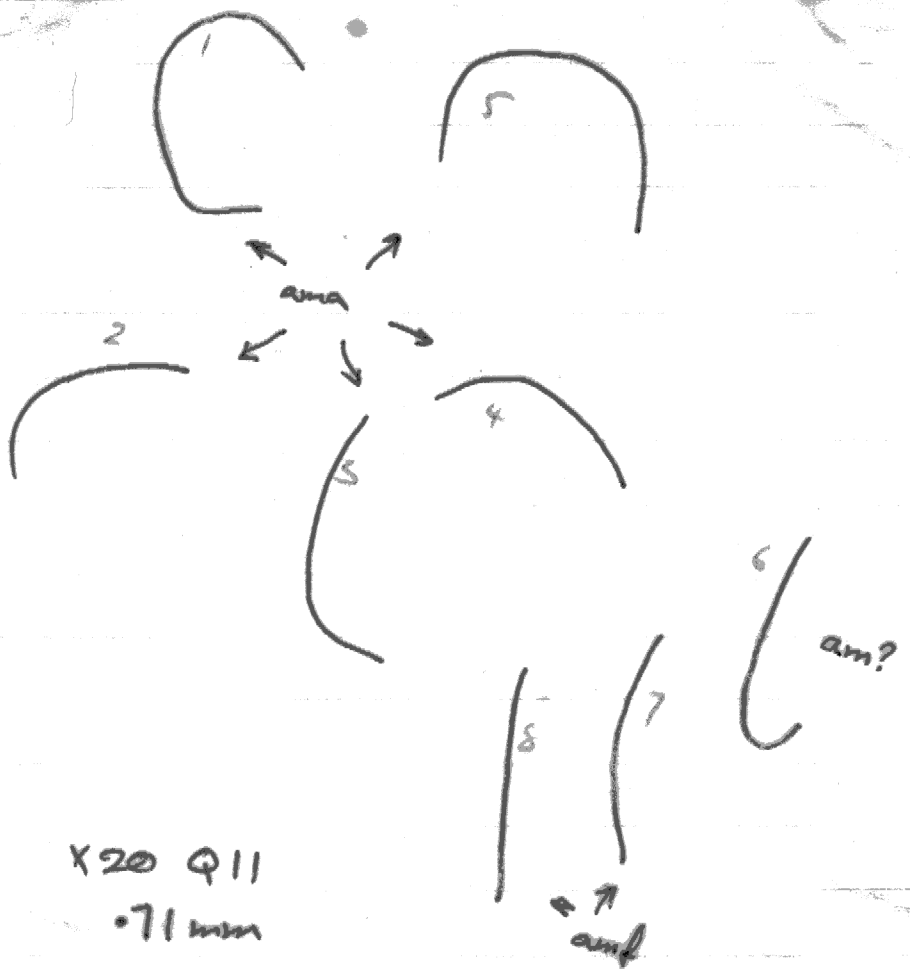
1	1.3
2	1.9
3	1.07
4	1.51
5	1.7
6	1.18
7	1.05
8	2.1
9	1.5
10	1.42
11	1.17
12	1.55
13	1.85


X20
Q10
·5mm

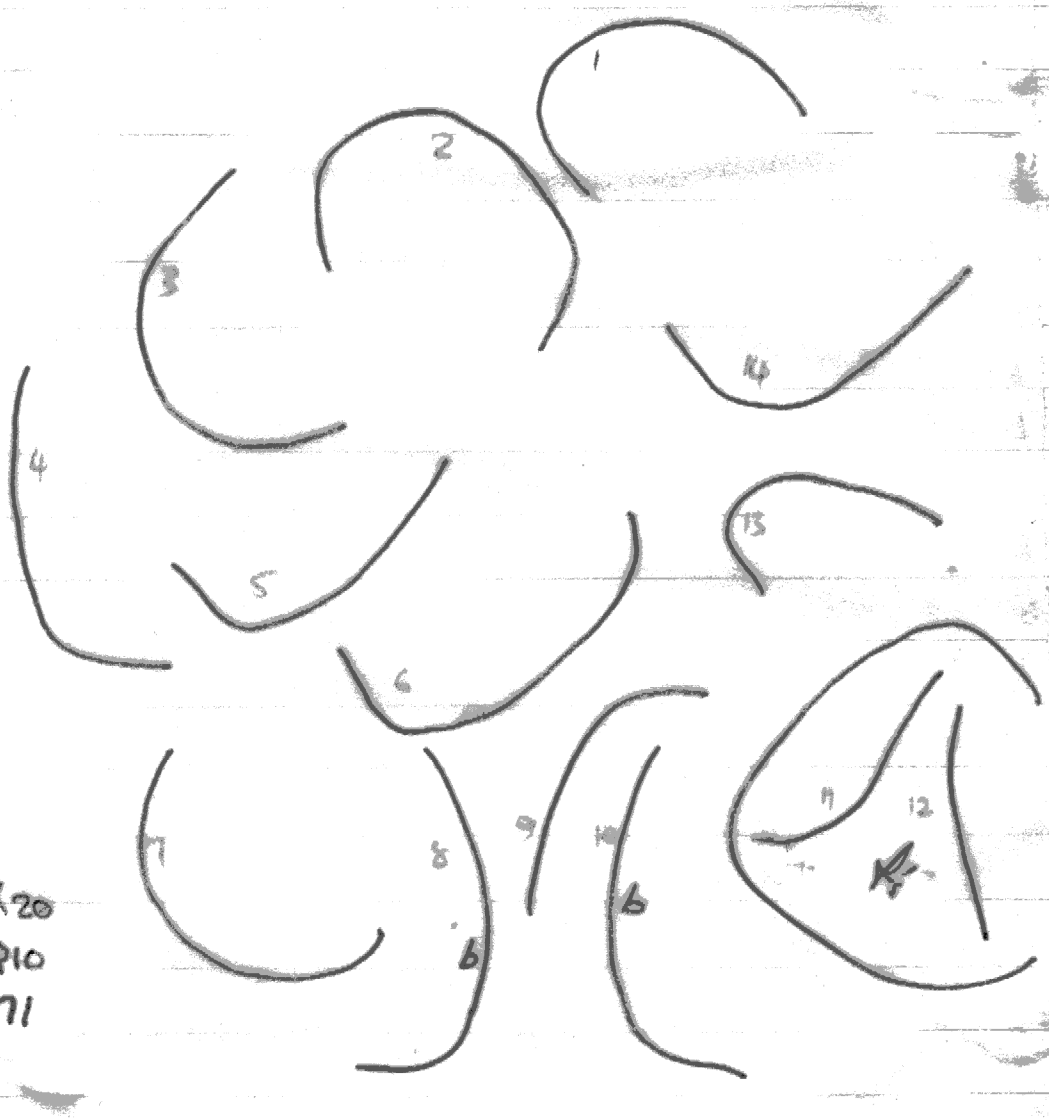

X20 Q11
ama
·5mm

a	1	2·8
a	2	1·7
a	3	2·0
a	4	1·6
a	5	2·8
?	6	1·8
f	7	1·6
f	8	1·6

a	1	3·0	b	8	2·8
a	2	3·5	a	9	2·2
a	3	3·2	b	10	2·8
a	4	2·7	f	11	1·9
a	5	2·5	f	12	1·6
a	6	3·1	a	13	2·2
a	7	2·9	a	14	2·6



X20 Q11
•71 mm



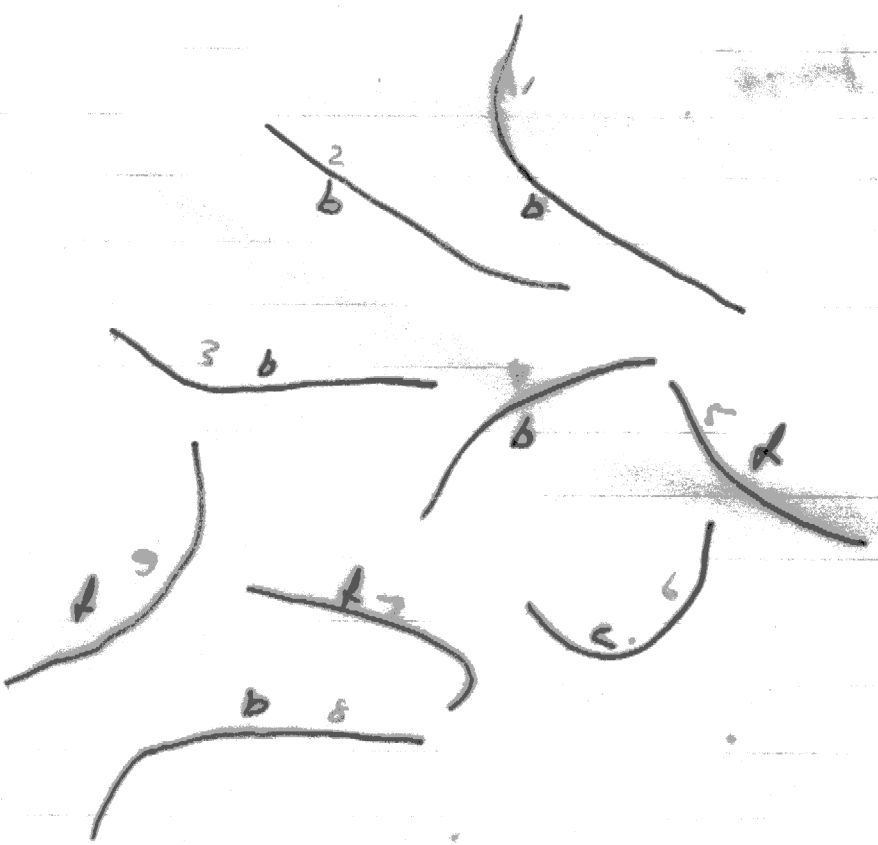
X20
Q10
•71

1	2.95
2	3.4
3	2.1
4	2.2
5	3.5
6	2.54
7	2.63
8	2.95
9	2.15
10	2.4
11	2.4
12	2.66

2.66

b	1	2.9
b	2	2.4
b	3	2.3
b	4	2.0
f	5	1.8
c	6	1.9
f	7	1.9
b	8	2.8
f	9	2.3

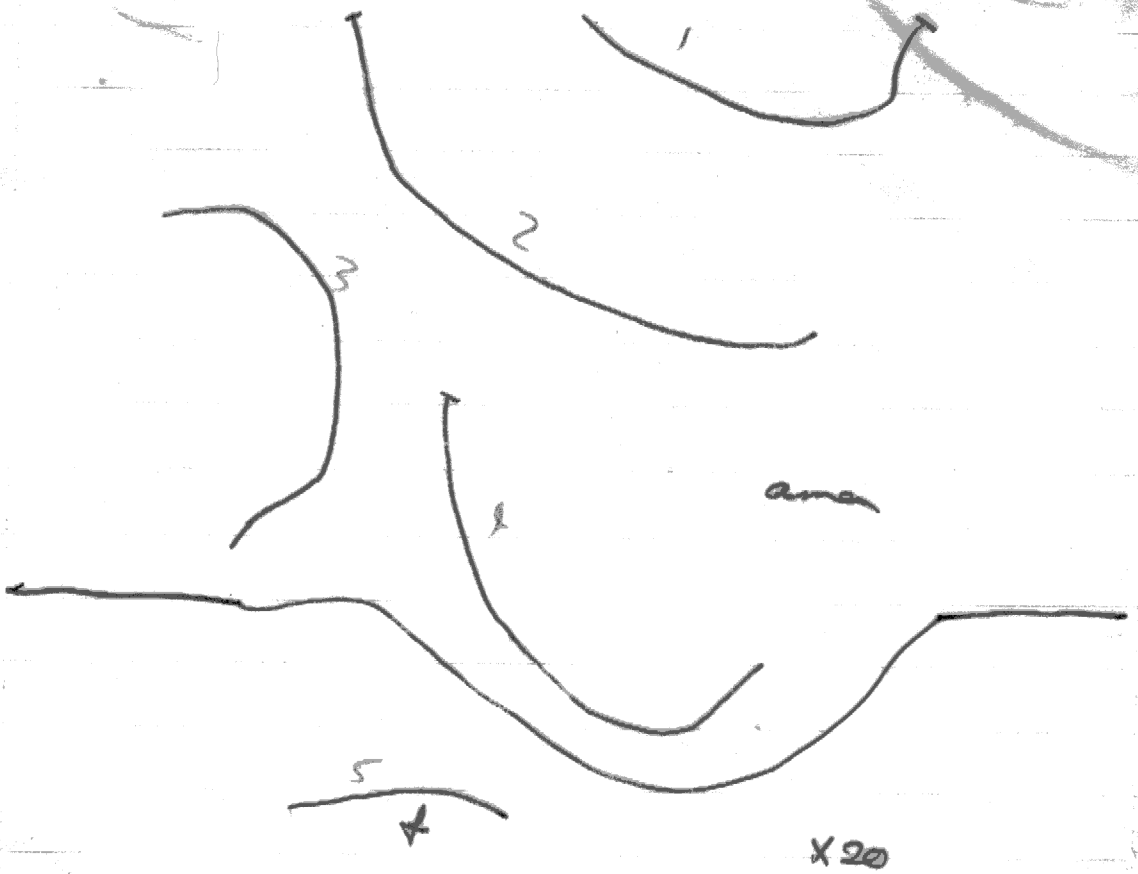
X 20
Q9 ama
.71 mm



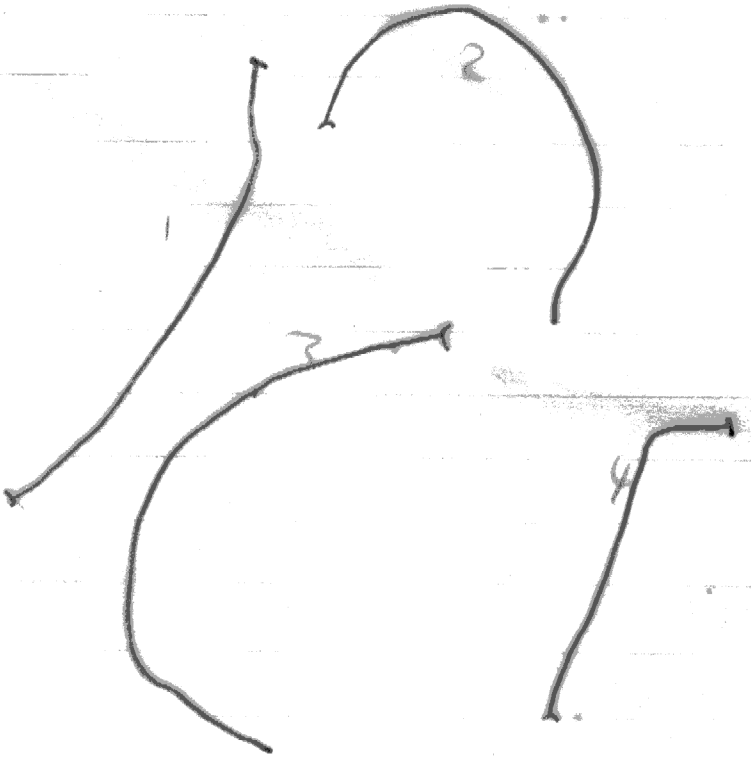
X20
Q9 .71 mm
bcf

1	2·8
2	4·2
3	3·4
4	3·8
5	1·5 (?)

1	3·5
2	3·8
3	4·6
4	2·6



X 20
1·00 mm
Q11



X 20
ama
Q11 1·4 mm

1	1.67
2	2.13
3	1.72
4	1.99
5	2.15
6	1.55
7	1.47
8	1.9

$\bar{X}$ 1.8

99 1.4

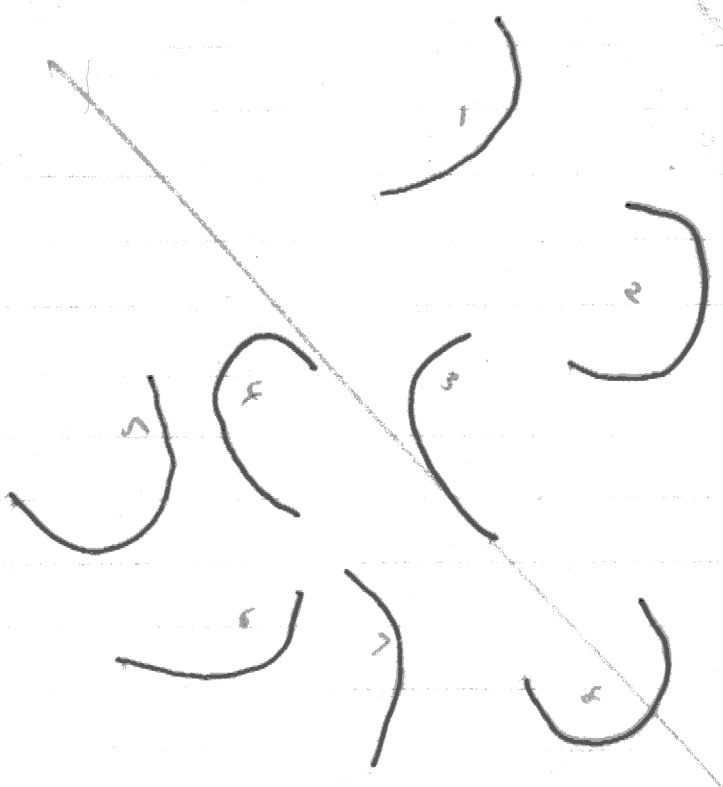
1	3.4
2	4.0
3	4.1
4	4.32

$\bar{X}$ 3.96

99 1.0

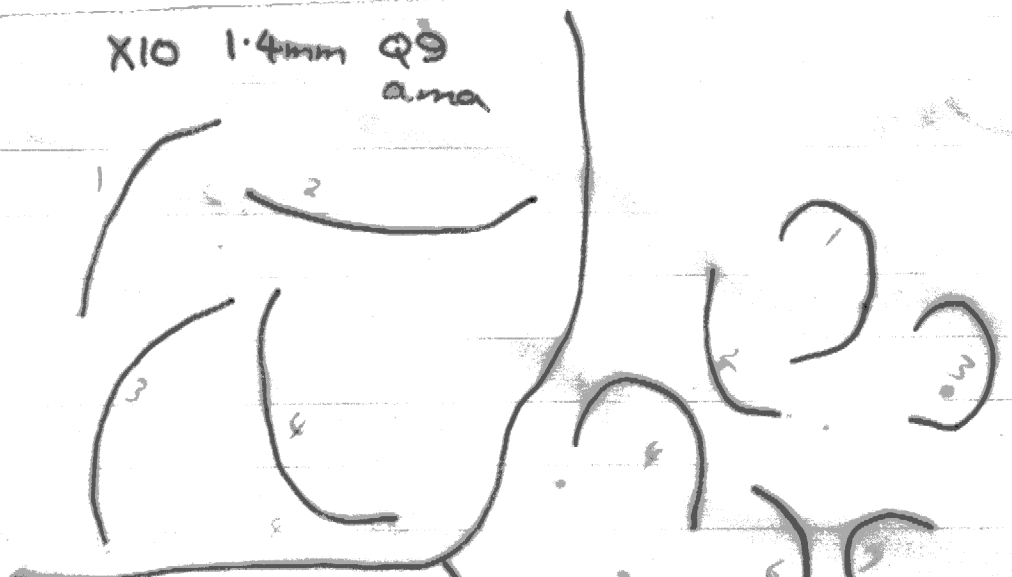
1	3.68	6	2.96
2	2.5	7	3.72
3	3.28	8	3.08
4	3.72	9	2.68
5	2.72		

$\bar{X}$ 3.17



ama
X10
Q10 1.0

X10 1.4mm Q9
ama



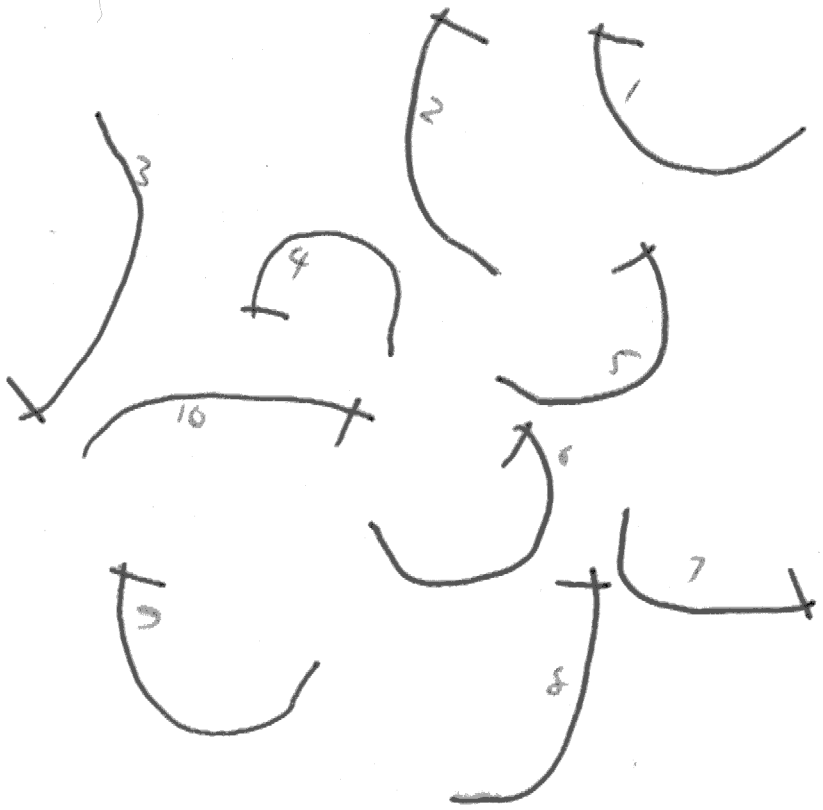
amd

Q9 X10
1.0mm ama

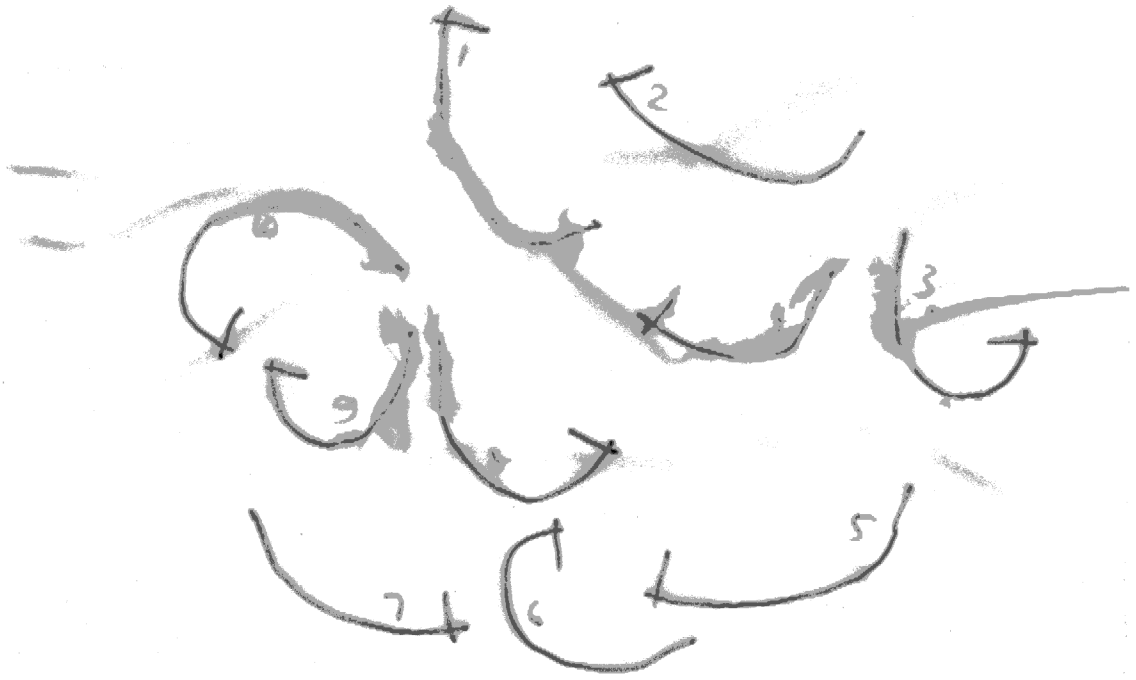
amb

1	4.3	6	4.4	$\bar{x}$	4.22
2	4.1	7	3.6	σ	0.37
3	4.8	8	4.3		
4	3.8	9	4.7		
5	4.0	10	4.2		

1	4.7	6	4.4	$\bar{x}$	4.19
2	4.3	7	3.6	σ	0.52
3	4.1	8	4.2		
4	3.4	9	3.7		
5	4.4	10	5.1		



1.4 x 10



1.4 x 10

No 17

1	4.6
2	3.5
3	3.5
4	4.5
5	4.6
6	4.5
7	3.8
8	4.8
9	4.3
10	3.4

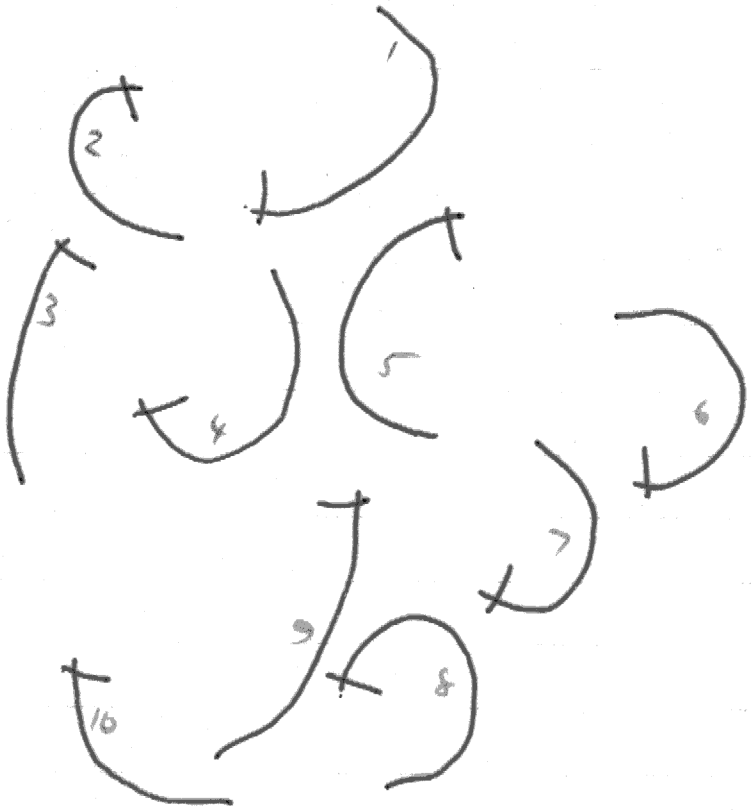
$\bar{x} = 4.15$

$\sigma = 0.54$

1	2.72
2	2.4
3	3.2
4	2.4
5	2.9
6	3.2
7	2.64
8	3.2
9	3
10	3.1
11	2.9

$\bar{x}$ 2.88

σ 0.30



1.4 x 10

No 14

1.0 x 10

Sp B

No 20

1	4.2	6	3.3
2	3.0	7	3.9
3	3.4	8	3.8
4	3.9	9	4.8
5	3.6	10	2.8

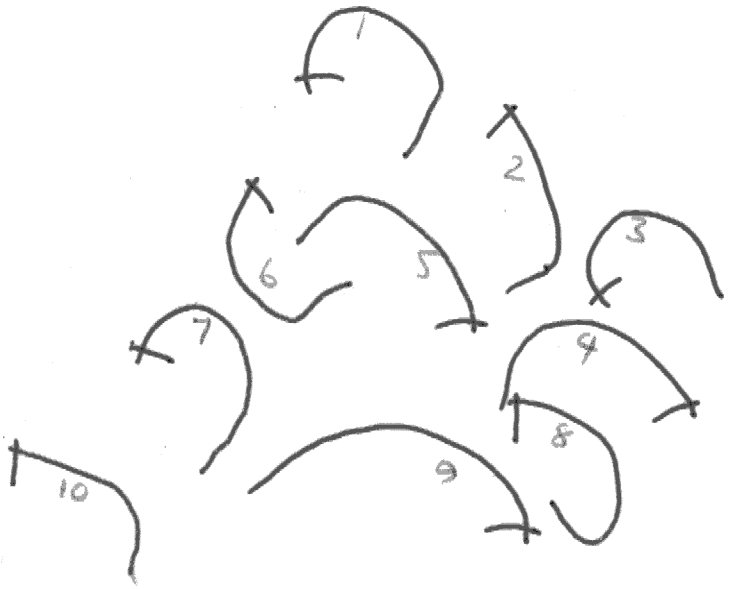
$\bar{x}$ 3.67

σ 0.59

1	3.6	6	3.6
2	3.5	7	4.7
3	3.8	8	4.2
4	4.2	9	4.5
5	3.92	10	3.7

$\bar{x}$ 3.972

σ .41

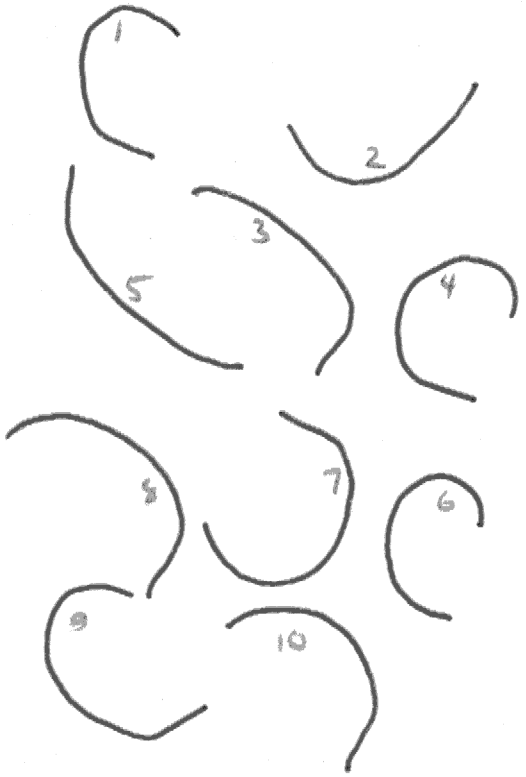


1.0 x 10
ama

No 19

1.0 x 10
ama

No 10



1	2.9	7	3.8
2	3.2	8	3.7
4	3.6	9	3.4
5	4.0	10	3.3
6	2.7	11	3.5

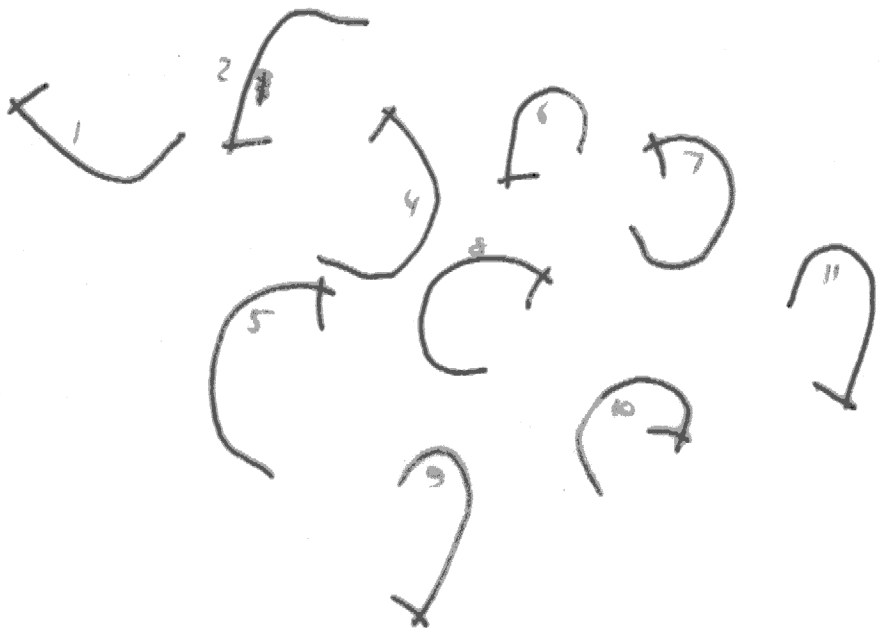
$\bar{X} = 3.41$

$\sigma = 0.40$

1	2.8	7	2.8
2	2.7	8	3.1
3	2.8	9	2.5
4	2.7	10	2.9
5	2.8	11	3
6	2.8	12	3
		13	2.3

$\bar{X}$ 2.78

σ 0.21



1.0 x10 100 15
ama

13 amb x10 18 D.

1	2.4
2	2.3
3	2.6
4	1.7
5	1.9
6	2.7
7	2.5
8	2
9	2.2
10	2.2
11	2.1
12	2.4
13	2.4

$\bar{x}$ 2.26

σ 0.28

1	3.5
2	3.2
3	3.3
4	1.9
5	2.4
6	1.8
7	2.4
8	3
9	3
10	2.2

$\bar{x}$ 2.67

σ 0.60

13 amb x10

~~12~~ .71 No 11

10 amb x10 No 12

.71

1	3.0	6	2.2	$\bar{x}$	2.63
2	2.1	7	3.0	σ_{-1}	0.581
3	3.4	8	3.2		
4	1.6	9	2.2		
5	3	10	2.6		

1	1.1	18	1.4
2	1.8	19	2.2
3	1.9	20	1.7
4	1.6	21	1.7
5	1.4	22	1.3
6	1.6	23	1.4
7	1.7	24	2.0
8	1.7	25	.9
9	1.5	26	2.1
10	2.3	27	1.3
11	1.3	28	2.7
12	1.0	29	1.9
13	2.4	20	1.0
14	1.8	31	1.1
15	1.4	32	1.7
16	1.2	33	1.8
17	1.7	34	2.1

10 ama x10

·71 No 4 13

1	2.5
2	1.9
3	2.4
4	2.5
5	2.0
6	1.2
7	2.2
8	1.5
9	2.6
10	2.6
11	1.5
12	3.1
13	1.6
14	1.2
15	1.8
16	1.4
17	2.1
18	1.6
19	1.7
20	1.6
21	2.4
22	2.1
23	1.6
24	2.1
25	1.3
26	1.6
27	1.7
28	1.6
29	1.7
30	1.8
31	1.7
32	1.6
33	1.4
34	1.1
35	2.5
36	1.8
37	1.8
38	1.1
39	1.4
40	2.1
41	1.6

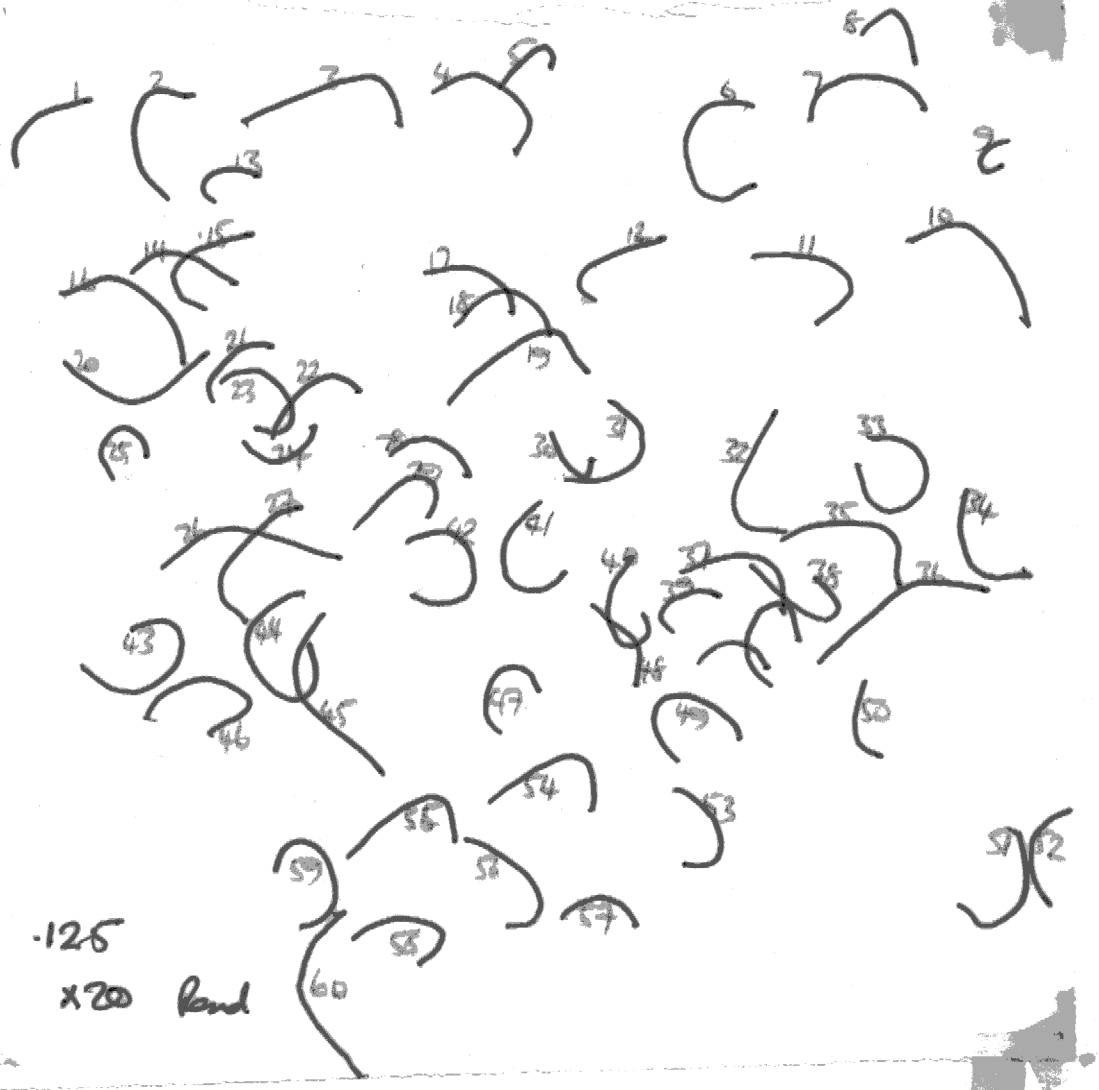
1	1.4
2	1.9
3	1.3
4	2.0
5	1.8
6	2.3
7	1.5
8	2.2
9	1.4
10	1.8
11	1.5
12	1.4
13	1.4
14	.7
15	1.5
16	1.3
17	1.0
18	1.7
19	1.7
20	1.4
21	1.7
22	2.6
23	2.0
24	1.4
25	1.6
26	1.9
27	1.3
28	1.9
29	1.8
30	1.6
31	2.0
32	2.1
33	2.5
34	1.9
35	1.9
36	1.7
37	.7

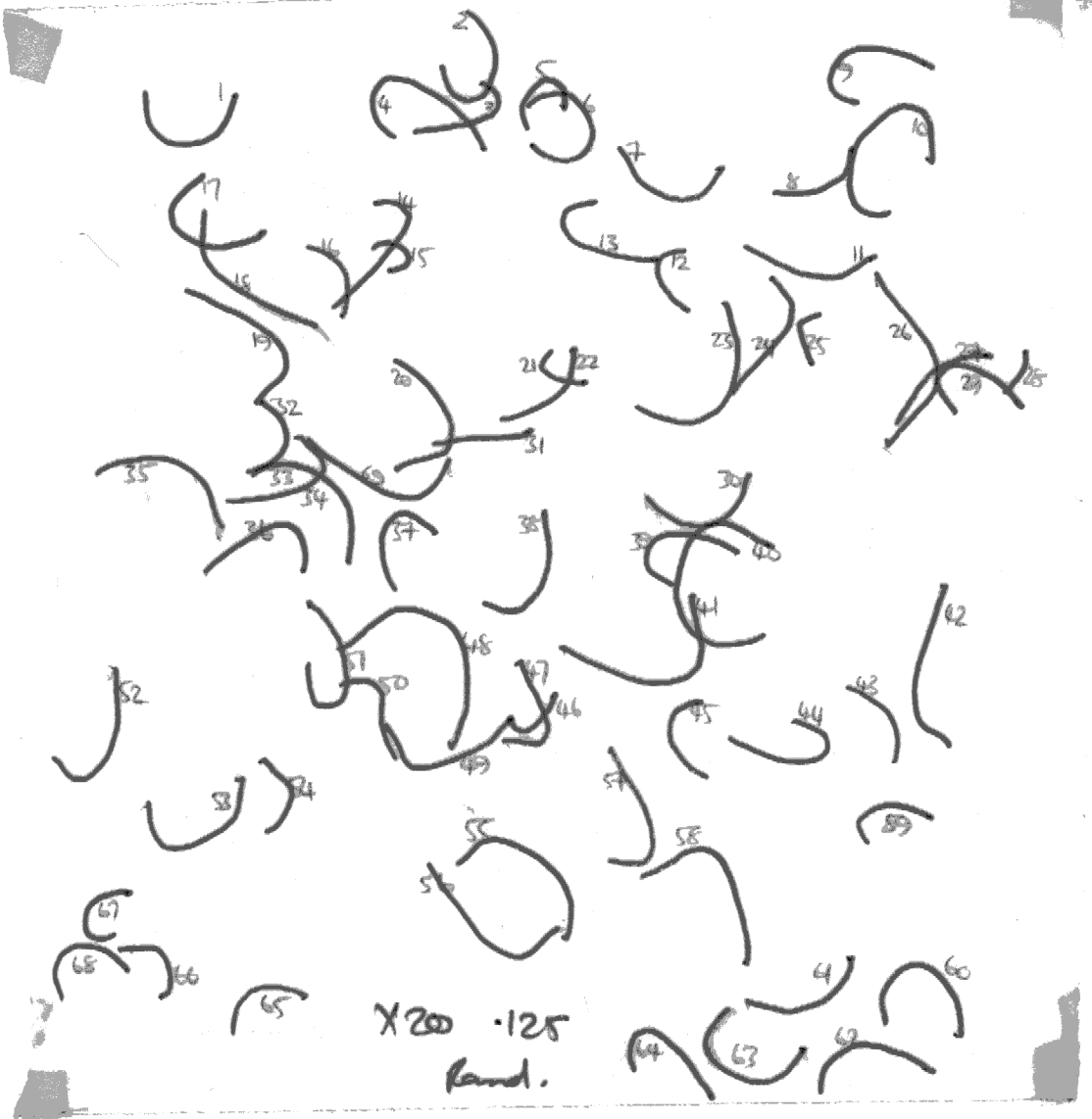
X20 .5mm Random

X20 .5mm Random

1	.8	16	1.2	31	1.0	46	1.1
2	1.1	17	.8	32	1.1	47	.8
3	1.3	18	.9	33	1.3	48	.7
4	1.0	19	1.3	34	1.0	49	1.1
5	.6	20	1.2	35	1.2	50	.6
6	1.3	21	.7	36	1.4	51	1.1
7	1.0	22	.8	37	1.0	52	.8
8	.7	23	1.0	38	1.1	53	.8
9	.4	24	.6	39	.6	54	1.1
10	1.2	25	.6	40	.9	55	1.1
11	1.1	26	1.3	41	1.1	56	1.0
12	.8	27	1.1	42	1.2	57	.7
13	.5	28	.7	43	1.3	58	.9
14	.8	29	1.0	44	1.6	59	1.1
15	1.0	30	.5	45	1.4	60	1.4

1	1.1	16	.6	31	.7	46	.4	61	.9
2	1.1	17	1.1	32	.7	47	.9	62	1.0
3	.9	18	1.2	33	1.2	48	1.8	63	1.2
4	1.3	19	1.2	34	1.0	49	1.2	64	1.0
5	.7	20	1.2	35	1.2	50	.8	65	.7
6	1.2	21	.4	36	1.0	51	1.2	66	.6
7	1.0	22	.8	37	.8	52	1.1	67	.6
8	.7	23	1.4	38	1.0	53	1.1	68	.8
9	1.1	24	1.0	39	1.0	54	.6	69	1.2
10	1.6	25	.4	40	1.8	55	1.3		
11	1.0	26	1.5	41	1.5	56	1.2		
12	.6	27	.9	42	1.3	57	1.1		
13	1.0	28	.3	43	.7	58	1.4		
14	1.1	29	1.0	44	1.1	59	.7		
15	.4	30	1.0	45	.8	60	1.2		


·125
X200 Rand


X200 ·125
Rand.

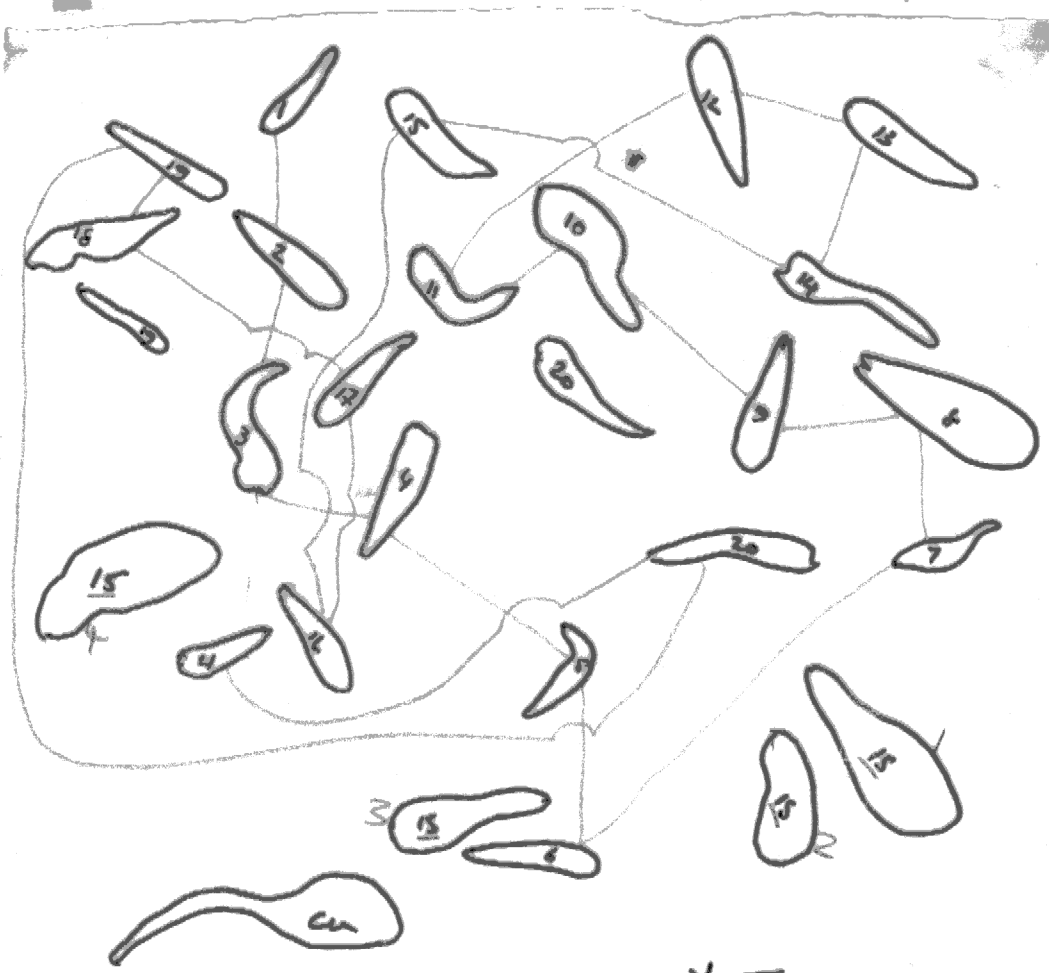
1	.23
2	.27
3	.26
4	.3
5	.4
6	.45
7	.27
8	.45
9	.25
10	.44
11	.4
12	.55
13	.42
14	.27
15	.27
16	.3
17	.42
18	.27
19	.28
20	.41
21	.42
22	.56
23	.39

HA

1	.27
2	.36
3	.4
4	.37
5	.32
6	.36
7	.29
8	.5
9	.36
10	.45
11	.36
12	.39 *
13	.4
14	.45
15	.35
16	.31
17	.34
18	.41
19	.34
20	.42
21	.25

IS		cm
1	.53	1
2	.35	
3	.42	
4	.53	

HA x 50
Round.



x 50

1	.4	11	.4	21	.34	31	.26
2	.3	12	.43	22	.28	32	.27
3	.27	13	.4	23	.36	33	.26
4	.38	14	.4	24	.52	34	.28
5	.24	15	.72	25	.38	35	.4
6	.28	16	.4	26	.27	36	.36
7	.44	17	.35	27	.36	37	.47
8	.27	18	.41	28	.27	38	.38
9	.35	19	.34	29	.32	39	.3
10	.38	20	.4	30	.39	40	.3
						41	.67

1	.45	10	.62
2	.62	11	.74
3	.7	12	.63
4	.55	13	.46
5	.85	14	.6
6	.58	15	.45
7	.59	16	.42
8	.31	17	.61
9	.7	18	.62

18

HA x50

1S x50