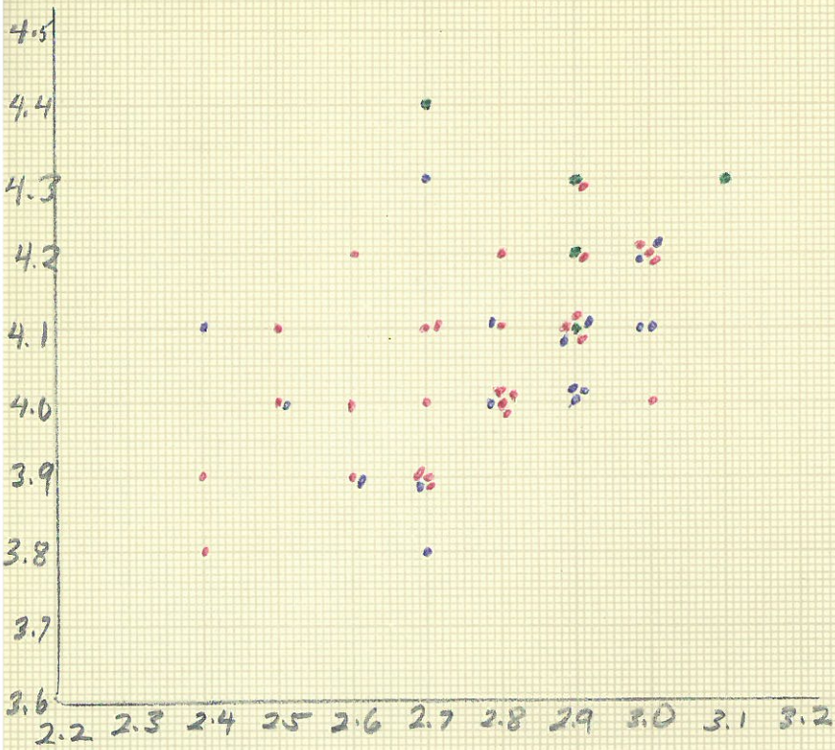
Stelopolybia
lobipleura

Au 1

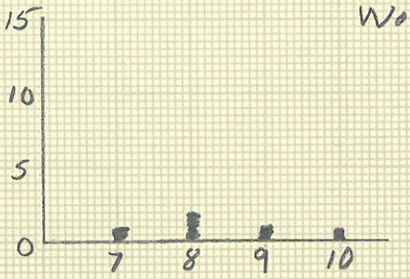
Stelopolybia lobipleura 1st tergite - Length vs Width



• queen, fertilized
• "queen", unfertilised
• worker

Hamuli No.

Queens



Workers

Stelopolybia lobipleura Aui

Diss No.	Ovaries	Spermatheca	Fat	1st Tergite Length	1st Tergite Width	Tota
1	well-dev. no ripe eggs	empty	+	4.0 spaces	2.8 spaces	
2	ripe eggs	sperm	+	- 4.2	2.9	
3	threadlike	empty	+	4.3	2.9	
4	ripe eggs	"	+	X 4.0	2.5	
5	" "	"	+	X 4.3	2.7	
6	intermed.	"	+	3.9	2.6	
7	ripe eggs	sperm	+	- 4.3	3.1	
8	well-dev, no ripe eggs	empty	+	3.9	2.7	
9	ripe eggs	sperm	+	- 4.4	2.7	
10	well-dev, no ripe eggs	empty	+	4.0	2.8	
11	ripe eggs	"	+	X 3.8	2.7	
12	" "	"	+	X 4.1	2.9	
13	" "	sperm	+	- 4.3	2.9	
14	well-dev. no ripe eggs	empty	+	3.8	2.4	
15	" " " "	"	+	4.1	2.9	
16	" " " "	"	+	4.0	2.6	
17	threadlike	"	+	4.2	2.8	
18	threadlike	"	+	4.2	3.0	
19	intermed.	"	+	4.2	3.0	
20	"	"	+	3.9	2.7	
21	beaded	"	+	4.2	3.0	
22	ripe eggs	"	+	X 4.0	2.8	
23	" "	"	+	X 3.9	2.6	
24	" "	"	+	X 4.1	2.4	
25	well-dev. no ripe eggs	"	+	4.0	2.7	
26	" " " "	"	+	4.1	2.7	
27	ripe eggs	"	+	X 4.0	2.9	
28	" "	"	+	X 4.2	3.0	
29	" "	"	+	X 4.1	2.8	
30	intermed.	"	+	4.1	2.7	
31	Threadlike	"	+	4.1	2.5	
32	"	"	+	4.1	2.0	
33	ripe eggs	"	+	X 4.0	2.9	
34	intermed.	"	+	4.0	2.5	
35	ripe eggs	sperm	+	- 4.1	2.9	
36	threadlike	empty	+	4.1	2.0	
37	threadlike	empty	+	4.0	2.	
38	intermed	"	+	3.9	2	
39	"	"	+	4.0	2	
40	ripe eggs	"	+	X 4.1	3	
41	beaded	"	+	4.2	2	
42	ripe eggs	"	+	X 3.9		
43	" "	"	+	X 4.1		
44	" "	"	+	X 4.2		

26.5 spaces/cm
at 3.5X ocular mag.

No: 175 adults, 1 larva, 2 ants

Antennae	Hamuli No.	Wing Length	Remarks
4.6 spaces	8	9.5 mm	
4.5	8	9.5	
4.6	9	10.0	
4.5	8	10.0	
4.4	8	9.5	
4.5	9	9.5	
4.9	7	10.5	
4.4	10	10.0	
4.6	9	10.0	
4.6	9	10.0	
4.3	10	10.0	
4.5	8	10.0	
4.5	10	10.0	
4.3	9	10.0	
4.4	9	10.0	
4.5	9	10.0	
4.7	8	10.0	
4.6	9	10.0	
4.5	9	10.0	
4.3	8	9.5	
4.2	9	10.5	
4.4	8	9.5	
4.3	8	9.5	
4.4	10	9.5	
4.5	8	9.5	
4.4	9	9.5	
4.6	8	10.0	
4.7	9	10.0	
4.9	8	10.0	
4.4	10	9.5	
4.7	9	10.0	
4.4	9	9.5	
4.4	9	10.0	
4.3	8	9.5	
4.4	8	10.0	
4.8	10	10.5	
4.6	8	10.5	
4.4	9	10.0	
4.8	9	10.0	
4.5	8	10.0	
5.0	10	10.0	
4.4	9	9.5	
4.9	8	10.0	
4.6	9	10.0	

Stelopolybia lobipleura Ani

Diss. No.	Ovaries	Spermatheca	Fat	1st Tergite Length	1st Tergite Width	M
45	ripe eggs	empty	+	x 4.0	2.9	
46	" "	"	+	x 4.1	3.6	
47	well-dev., no ripe eggs	"	+	4.1	2.8	
48	" " " " "	"	+	3.9	2.4	
49	" " " " "	"	+	4.2	2.6	
50	" " " " "	"	+	4.0	3.0	

queens : workers = 1 : 9

Thermometer	Humidity No.	Wing Length	Remarks
4.5	8	10.0	
4.8	9	10.0	
4.4	8	9.5	
4.3	8	9.5	
4.7	9	10.0	
4.6	8	10.0	