

## Appendix 2: Allele Size Frequency Data

Locus	Allele Size														
<b>A102</b>															
Population	Total	210													
<i>C. hystera</i>															
oti2	64	64													
oti1	80	80													
oti4	58	58													
sy	58	58													
sb	40	40													
oti5	86	86													
Overall	386	386													
<b>A108</b>															
Population	Total	150	172	173	175	176	178	179	181	182	183	184	185	187	196
<i>C. pentagona</i>															
ab2	64	0	2	0	2	0	0	44	4	0	3	9	0	0	0
ab1	64	0	0	0	0	0	0	1	62	0	0	0	1	0	0
bb	60	1	0	0	0	0	0	1	58	0	0	0	0	0	0
bo	60	0	0	0	0	0	0	0	56	0	2	1	0	1	0
tv	80	0	0	0	0	0	1	60	7	0	0	10	1	0	1
db	60	0	0	1	0	1	0	55	0	3	0	0	0	0	0
Overall	388	1	2	1	2	1	1	161	187	3	5	20	2	1	1
<b>A110</b>															
Population	Total	208	210	212	214	228	232								
<i>P. exigua</i>															
ps	82	0	64	18	0	0	0								
sh2	90	0	6	84	0	0	0								
cl	80	0	0	80	0	0	0								
en	56	56	0	0	0	0	0								
dy	80	0	0	80	0	0	0								
lb	96	0	0	96	0	0	0								
ps1	58	0	0	58	0	0	0								
tk	30	0	30	0	0	0	0								
sh1	64	0	0	64	0	0	0								

bm	86	0	86	0	0	0	0
ph	40	0	0	40	0	0	0
Overall	762	56	186	520	0	0	0
<i>P. parvivipara</i>							
ced	40	0	0	0	0	40	0
pbr	102	0	0	0	0	102	0
tgr	100	0	0	0	0	100	0
smp	72	0	0	0	0	58	14
Overall	314	0	0	0	0	300	14
<i>P. vivipara</i>							
bh	56	0	0	0	56	0	0
fb	74	0	0	0	74	0	0
en	38	0	0	0	38	0	0
Overall	168	0	0	0	168	0	0

#### B201

Population	Total	261	282	285	288	291	294	297	300	303	306
<i>P. miniata</i>											
sb	66	0	0	4	2	2	52	6	0	0	0
bod	32	0	2	1	1	5	17	6	0	0	0
fb	40	0	1	2	1	9	14	13	0	0	0
bam	96	1	0	2	4	7	47	32	1	2	0
nam	72	1	4	2	4	9	34	16	0	0	2
wh	98	0	0	3	2	6	60	17	9	1	0
tu	96	0	0	0	0	1	57	19	17	2	0
ln	100	0	0	0	0	1	66	18	15	0	0
qc	30	0	0	0	0	0	24	2	4	0	0
qc16	30	0	0	0	0	4	18	6	2	0	0
vc	138	0	4	0	3	2	119	1	9	0	0
Overall	798	2	11	14	17	46	508	136	57	5	2

#### B202

Population	Total	194	196	197	198	199	201	202	203	204	205	206	207	208	209
<i>P. miniata</i>															
sb	66	0	0	0	0	0	0	0	0	0	0	0	0	0	53
bod	32	0	0	0	0	0	0	0	0	0	0	0	0	0	21
fb	40	0	0	0	0	0	0	0	0	0	0	0	0	0	29

bam	96	0	0	0	0	0	0	0	0	0	0	0	0	0	85
nam	72	0	0	0	0	0	0	0	0	0	0	0	0	0	69
wh	98	0	0	0	0	0	0	0	5	0	0	0	0	0	64
tu	96	0	0	0	0	0	0	0	0	0	0	4	0	0	53
ln	100	0	0	0	0	0	0	0	0	0	0	6	0	0	63
qc	30	0	0	0	0	0	0	0	0	0	0	0	0	0	14
qc16	30	0	0	0	0	0	0	0	0	0	0	0	0	0	18
vc	138	0	0	0	0	0	0	0	0	0	0	2	0	0	95
Overall	798	0	0	0	0	0	0	0	5	0	0	12	0	0	564
<i>P. pectinifera</i>															
as	98	0	0	0	0	0	0	0	0	0	0	1	0	0	97
fu	98	0	0	0	0	0	0	0	0	0	0	0	0	0	97
oo	104	2	0	1	0	0	0	0	1	0	0	22	0	0	77
Overall	300	2	0	1	0	0	0	0	1	0	0	23	0	0	271
<i>M. mortensoni</i>															
kb	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mb	36	0	0	0	0	1	0	0	0	0	0	0	0	0	0
wh	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	188	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>M. calcar</i>															
sh2	92	0	0	0	0	0	0	0	0	0	0	0	0	3	0
lb	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
en	54	0	0	0	0	0	0	0	0	0	0	0	0	1	0
bm	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cl	92	0	1	0	0	0	0	0	0	0	0	0	0	0	0
dy	76	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ps	64	0	0	0	0	0	0	0	0	0	0	0	0	5	0
ab	62	0	0	0	0	0	0	0	0	0	0	0	0	18	0
fb	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gb	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ps1	92	0	0	0	0	0	0	1	0	0	0	0	0	77	0
alb	58	0	0	0	0	0	0	0	0	0	2	0	0	2	0
ala	56	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Overall	934	0	1	0	0	0	0	1	0	0	2	0	0	110	0
<i>C. hystera</i>															
oti2	64	0	0	0	0	0	0	0	0	0	0	64	0	0	0

oti1	80	0	0	0	0	0	0	0	0	0	0	80	0	0	0
oti4	58	0	0	0	0	0	0	0	0	0	0	58	0	0	0
sy	58	0	0	0	0	0	0	0	0	0	0	58	0	0	0
sb	40	0	0	0	0	0	0	0	0	0	0	40	0	0	0
oti5	86	0	0	0	0	0	0	0	0	0	0	86	0	0	0
Overall	386	0	0	0	0	0	0	0	0	0	0	386	0	0	0
<i>C. pentagona</i>															
ab2	64	0	0	0	0	0	0	0	0	0	0	0	62	0	0
ab1	64	0	0	0	0	0	0	0	0	0	0	0	64	0	0
bb	62	0	0	0	0	0	0	0	0	0	0	0	62	0	0
bo	64	0	0	0	0	0	1	0	0	0	0	0	63	0	0
tv	80	0	0	0	0	0	0	0	0	0	0	0	78	0	0
db	60	0	0	0	0	0	0	0	0	0	0	0	60	0	0
Overall	394	0	0	0	0	0	1	0	0	0	0	0	389	0	0
<i>P. exigua</i>															
ps	82	0	0	0	82	0	0	0	0	0	0	0	0	0	0
sh1	90	0	0	0	90	0	0	0	0	0	0	0	0	0	0
cl	80	0	0	0	80	0	0	0	0	0	0	0	0	0	0
en	56	0	0	0	56	0	0	0	0	0	0	0	0	0	0
dy	80	0	0	0	80	0	0	0	0	0	0	0	0	0	0
lb	96	0	0	0	96	0	0	0	0	0	0	0	0	0	0
ps1	58	0	0	0	58	0	0	0	0	0	0	0	0	0	0
tk	30	0	0	0	30	0	0	0	0	0	0	0	0	0	0
sh1	64	0	0	0	64	0	0	0	0	0	0	0	0	0	0
bm	86	0	0	0	86	0	0	0	0	0	0	0	0	0	0
ph	40	0	0	0	40	0	0	0	0	0	0	0	0	0	0
Overall	762	0	0	0	762	0	0	0	0	0	0	0	0	0	0
<i>P. vivipara</i>															
bh	56	0	0	0	56	0	0	0	0	0	0	0	0	0	0
fb	74	0	0	0	74	0	0	0	0	0	0	0	0	0	0
en	38	0	0	0	38	0	0	0	0	0	0	0	0	0	0
Overall	168	0	0	0	168	0	0	0	0	0	0	0	0	0	0
<i>P. parvivipara</i>															
ced	40	0	0	0	40	0	0	0	0	0	0	0	0	0	0
pbr	102	0	0	0	102	0	0	0	0	0	0	0	0	0	0
tgr	100	0	0	0	100	0	0	0	0	0	0	0	0	0	0

smp	72	0	0	0	72	0	0	0	0	0	0	0	0	0	0
Overall	314	0	0	0	314	0	0	0	0	0	0	0	0	0	0
<b>B202 Cont.</b>															
<b>Population</b>	<b>210</b>	<b>212</b>	<b>214</b>	<b>215</b>	<b>217</b>	<b>220</b>	<b>223</b>	<b>226</b>	<b>232</b>						
<i>P. miniata</i>															
sb	0	11	0	2	0	0	0	0	0						
bod	0	11	0	0	0	0	0	0	0						
fb	0	11	0	0	0	0	0	0	0						
bam	0	11	0	0	0	0	0	0	0						
nam	0	3	0	0	0	0	0	0	0						
wh	0	28	0	1	0	0	0	0	0						
tu	0	39	0	0	0	0	0	0	0						
ln	0	31	0	0	0	0	0	0	0						
qc	0	16	0	0	0	0	0	0	0						
qc16	0	12	0	0	0	0	0	0	0						
vc	0	41	0	0	0	0	0	0	0						
Overall	0	214	0	3	0	0	0	0	0						
<i>P. pectinifera</i>															
as	0	0	0	0	0	0	0	0	0						
fu	0	1	0	0	0	0	0	0	0						
oo	0	1	0	0	0	0	0	0	0						
Overall	0	2	0	0	0	0	0	0	0						
<i>M. mortensoni</i>															
kb	0	0	7	0	45	32	4	0	0						
mb	0	0	12	0	9	8	1	0	0						
wh	0	0	14	0	13	21	8	4	2						
Overall	0	0	33	0	67	61	13	4	2						
<i>M. calcar</i>															
sh2	0	0	14	0	0	0	0	0	0						
lb	0	0	11	0	0	0	0	0	0						
en	0	0	3	0	0	0	0	0	0						
bm	0	0	12	0	0	1	0	0	0						
cl	0	0	9	0	0	0	0	0	0						
dy	0	0	14	0	0	0	0	0	0						
ps	0	0	12	0	0	1	0	0	0						

ab	0	0	3	0	0	0	0	0	0
fb	0	0	19	0	0	0	0	0	0
gb	0	0	3	0	0	1	0	0	0
ps1	0	0	3	0	0	0	0	0	0
alb	0	0	8	0	0	0	0	0	0
ala	0	0	10	0	0	0	0	0	0
Overall	0	0	121	0	0	3	0	0	0
<i>C. hystera</i>									
oti2	0	0	0	0	0	0	0	0	0
oti1	0	0	0	0	0	0	0	0	0
oti4	0	0	0	0	0	0	0	0	0
sy	0	0	0	0	0	0	0	0	0
sb	0	0	0	0	0	0	0	0	0
oti5	0	0	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0	0	0
<i>C. pentagona</i>									
ab2	2	0	0	0	0	0	0	0	0
ab1	0	0	0	0	0	0	0	0	0
bb	0	0	0	0	0	0	0	0	0
bo	0	0	0	0	0	0	0	0	0
tv	2	0	0	0	0	0	0	0	0
db	0	0	0	0	0	0	0	0	0
Overall	4	0	0	0	0	0	0	0	0
<i>P. exigua</i>									
ps	0	0	0	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0	0	0
cl	0	0	0	0	0	0	0	0	0
en	0	0	0	0	0	0	0	0	0
dy	0	0	0	0	0	0	0	0	0
lb	0	0	0	0	0	0	0	0	0
ps1	0	0	0	0	0	0	0	0	0
tk	0	0	0	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0	0	0
bm	0	0	0	0	0	0	0	0	0
ph	0	0	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0	0	0

*P. vivipara*

bh	0	0	0	0	0	0	0	0	0
fb	0	0	0	0	0	0	0	0	0
en	0	0	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0	0	0

*P. parvivipara*

ced	0	0	0	0	0	0	0	0	0
pbr	0	0	0	0	0	0	0	0	0
tgr	0	0	0	0	0	0	0	0	0
smp	0	0	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0	0	0

**B209**

Population	Total	135	141	144	147	150	153	156	159	162	165	168
<i>P. miniata</i>												
sb	66	0	2	2	7	14	21	7	0	13	0	0
bod	32	0	0	2	5	8	9	2	0	6	0	0
fb	40	0	1	0	8	13	13	3	0	1	0	1
bam	96	2	1	1	6	28	36	12	0	10	0	0
nam	72	0	0	1	5	20	30	7	1	8	0	0
wh	100	0	2	0	5	21	36	25	2	8	1	0
tu	96	0	0	0	27	32	16	3	0	18	0	0
ln	100	0	0	0	22	26	26	8	0	18	0	0
qc	30	0	0	0	3	14	9	0	0	4	0	0
qc16	30	0	0	0	2	15	10	2	0	1	0	0
vc	138	0	0	0	57	42	28	6	0	5	0	0
Overall	800	2	6	6	147	233	234	75	3	92	1	1

**B227**

Population	Total	168	171	172	174	175	177	179	180	184	189
<i>C. pentagona</i>											
ab2	64	0	27	0	21	1	15	0	0	0	0
ab1	64	0	0	0	30	0	21	0	13	0	0
bb	62	0	0	1	30	0	22	0	8	1	0
bo	64	0	23	3	19	1	17	0	1	0	0
tv	80	1	33	0	5	0	27	1	13	0	0
db	60	0	17	0	5	0	22	0	16	0	0

Overall	394	1	100	4	110	2	124	1	51	1	0
<i>C. hystera</i>											
oti2	64	0	0	0	64	0	0	0	0	0	0
oti1	80	0	0	0	0	0	80	0	0	0	0
oti4	58	0	0	0	58	0	0	0	0	0	0
sy	58	0	0	0	58	0	0	0	0	0	0
sb	40	0	0	0	0	0	40	0	0	0	0
oti5	86	0	0	0	0	0	86	0	0	0	0
Overall	386	0	0	0	180	0	206	0	0	0	0

# **B231**

Population	Total	179	182	185	186	187	188	191	194	199
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## *C. pentagona*

ab2	48	0	0	8	0	0	30	0	9	1
ab1	62	5	0	34	2	1	9	8	3	0
bb	62	0	0	0	0	0	45	4	13	0
bo	62	0	0	0	0	0	50	0	12	0
tv	78	7	16	20	0	0	26	6	3	0
db	60	0	0	0	0	0	39	4	17	0
Overall	372	12	16	62	2	1	199	22	57	1

# **B236**

Population	Total	230	233	236	239	242	244	245	246	248	251	253	254	257	272
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## *M. calcar*

sh2	92	0	1	1	1	3	0	3	0	13	68	0	2	0	0
lb	80	0	0	0	0	0	0	0	0	4	72	0	4	0	0
en	54	0	0	0	0	5	1	9	0	29	8	0	2	0	0
bm	64	0	0	0	0	0	0	0	0	62	2	0	0	0	0
cl	92	0	0	0	0	0	0	0	0	30	60	0	2	0	0
dy	76	0	0	0	0	0	0	0	1	24	49	0	2	0	0
ps	64	0	0	1	1	5	0	3	0	54	0	0	0	0	0
ab	62	0	0	0	0	1	0	2	0	34	21	0	4	0	0
fb	58	0	0	1	0	1	0	6	0	15	34	0	0	0	1
gb	86	0	0	0	0	1	0	3	0	38	39	1	3	1	0
ps1	92	1	1	0	0	1	0	0	0	12	73	0	4	0	0
alb	58	0	0	0	1	0	0	2	0	55	0	0	0	0	0
ala	56	0	0	0	0	3	0	0	0	53	0	0	0	0	0



Overall	934	1	2	3	3	20	1	28	1	423	426	1	23	1	1	
<b>C8</b>																
<b>Population</b>	<b>Total</b>	<b>136</b>	<b>139</b>	<b>142</b>	<b>144</b>	<b>145</b>	<b>147</b>	<b>148</b>	<b>150</b>	<b>151</b>	<b>153</b>	<b>154</b>	<b>156</b>	<b>157</b>	<b>159</b>	<b>165</b>
<i>P. miniata</i>																
sb	66	0	1	0	0	3	0	60	0	2	0	0	0	0	0	0
bod	32	0	0	0	0	1	0	31	0	0	0	0	0	0	0	0
fb	40	0	0	1	0	1	0	37	0	1	0	0	0	0	0	0
bam	96	0	1	1	0	2	0	90	0	1	0	1	0	0	0	0
nam	72	1	1	0	0	0	0	65	0	4	0	0	0	1	0	0
wh	100	0	0	0	0	0	0	97	0	1	0	2	0	0	0	0
tu	96	0	0	0	0	0	0	90	0	6	0	0	0	0	0	0
ln	100	0	0	0	0	0	0	80	0	17	0	3	0	0	0	0
qc	30	0	0	0	0	0	0	27	0	1	0	2	0	0	0	0
qc16	30	0	0	0	0	0	0	29	0	0	0	1	0	0	0	0
vc	138	0	0	0	0	0	0	115	0	12	0	11	0	0	0	0
Overall	800	1	3	2	0	7	0	721	0	45	0	20	0	1	0	0
<i>P. pectinifera</i>																
as	98	0	0	0	0	0	0	0	0	0	3	0	94	0	1	0
fu	98	0	0	0	0	0	0	0	0	0	1	0	93	0	4	0
oo	104	0	0	0	0	0	0	0	2	0	1	0	100	0	1	0
Overall	300	0	0	0	0	0	0	0	2	0	5	0	287	0	6	0
<i>M. calcar</i>																
sh2	92	0	0	0	1	0	4	0	87	0	0	0	0	0	0	0
lb	80	0	0	0	3	0	0	0	76	0	1	0	0	0	0	0
en	54	0	0	0	0	0	1	0	53	0	0	0	0	0	0	0
bm	64	0	0	0	2	0	4	0	57	0	0	0	1	0	0	0
cl	92	0	0	0	1	0	4	0	84	0	1	0	2	0	0	0
dy	76	0	0	0	0	0	2	0	72	0	1	0	0	0	0	0
ps	64	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0
ab	62	0	0	0	0	0	0	0	58	0	0	0	2	0	1	1
fb	58	0	0	0	1	0	0	0	56	0	1	0	0	0	0	0
gb	86	0	0	0	2	0	1	0	82	0	1	0	0	0	0	0
ps1	92	0	0	0	0	0	2	0	87	0	2	0	1	0	0	0
alb	58	0	0	0	1	0	0	0	57	0	0	0	0	0	0	0
ala	56	0	0	0	1	0	1	0	53	0	1	0	0	0	0	0

Overall	934	0	0	0	12	0	19	0	886	0	8	0	6	0	1	1
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# **C104**

Population	Total	226
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## *P. parvivipara*

ced	40	40
pbr	102	102
tgr	100	100
smp	72	72
Overall	314	314

# **C112**

Population	Total	102	120	164	172	177	178	181	183	184	185	186	187	189	190	191	193	194
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## *M. mortensoni*

kb	90	1	0	0	0	0	0	0	0	0	0	5	0	1	1	0	0	0
mb	32	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
wh	60	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0
Overall	182	1	0	0	0	0	0	0	0	0	0	7	0	3	1	0	0	0

## *M. calcar*

sh2	92	0	0	0	0	0	2	0	0	0	0	0	3	0	16	0	60	0
lb	80	0	0	0	0	0	0	1	0	1	0	0	3	0	15	0	50	0
en	54	0	0	0	0	0	1	0	0	0	0	0	1	0	4	0	27	0
bm	64	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	9	4
cl	92	0	1	0	0	0	0	0	0	1	0	0	0	0	16	0	70	0
dy	76	0	0	0	0	0	0	0	0	1	0	1	6	0	13	0	48	0
ps	64	0	0	0	0	0	0	0	0	1	0	0	6	1	9	0	28	0
ab	62	0	0	0	0	0	0	1	0	0	0	0	3	1	10	0	43	0
fb	58	0	0	0	0	0	0	1	0	9	2	0	0	0	8	0	24	0
gb	86	0	0	0	0	0	0	0	0	1	0	0	3	0	10	0	62	0
ps1	92	0	0	0	1	0	0	0	0	5	0	0	4	1	17	0	49	0
alb	58	0	0	0	0	0	0	0	0	0	0	0	18	0	16	0	22	0
ala	56	0	0	0	0	0	0	0	0	0	0	0	29	0	1	0	17	0
Overall	934	0	1	0	1	0	3	3	0	19	2	1	78	4	137	1	509	4

## *P. exigua*

ps	82	0	0	4	0	0	0	0	78	0	0	0	0	0	0	0	0	0
sh1	90	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0	0	0
cl	80	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0

en	56	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0
dy	80	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0
lb	96	0	0	0	0	4	0	0	89	0	0	3	0	0	0	0	0	0
ps1	58	0	0	0	0	0	0	0	58	0	0	0	0	0	0	0	0	0
tk	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0
sh1	64	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0
bm	86	0	0	0	0	0	0	0	86	0	0	0	0	0	0	0	0	0
ph	40	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0
Overall	762	0	0	4	0	4	0	0	681	0	0	3	0	0	70	0	0	0

**C112 Cont.**

Population	195	196	197	198	201	199	202	204	205	207	208	209	211	213	214	215	218	224
<i>M. mortensoni</i>																		
kb	8	0	0	19	17	0	0	17	0	2	0	0	0	2	0	0	0	0
mb	2	0	0	4	9	0	0	6	0	0	1	0	0	0	0	0	0	1
wh	9	0	0	9	22	0	0	7	0	4	0	0	0	0	0	0	0	0
Overall	19	0	0	32	48	0	0	30	0	6	1	0	0	2	0	0	0	1
<i>M. calcar</i>																		
sh2	0	8	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
lb	0	8	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
en	0	13	0	0	0	2	2	0	2	0	0	0	1	0	0	0	1	0
bm	0	38	1	0	0	5	0	0	1	0	0	0	0	0	0	0	0	0
cl	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
dy	0	4	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0
ps	0	7	0	0	0	4	0	0	0	0	2	1	0	2	0	1	1	0
ab	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
fb	0	13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
gb	0	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
ps1	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
alb	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ala	0	1	0	0	0	0	4	0	1	0	0	0	0	0	1	0	0	0
Overall	0	119	1	0	0	18	11	0	5	0	3	1	2	2	1	1	2	0
<i>P. exigua</i>																		
ps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

en	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ps1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ph	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**C112 Cont.**

<b>Population</b>	<b>286</b>	<b>289</b>	<b>295</b>	<b>298</b>
<i>M. mortensoni</i>				
kb	1	1	1	1
mb	0	0	0	0
wh	0	0	0	0
Overall	1	1	1	1
<i>M. calcar</i>				
sh2	0	0	0	0
lb	0	0	0	0
en	0	0	0	0
bm	0	0	0	0
cl	0	0	0	0
dy	0	0	0	0
ps	0	0	0	0
ab	0	0	0	0
fb	0	0	0	0
gb	0	0	0	0
ps1	0	0	0	0
alb	0	0	0	0
ala	0	0	0	0
Overall	0	0	0	0
<i>P. exigua</i>				
ps	0	0	0	0
sh1	0	0	0	0
cl	0	0	0	0

en	0	0	0	0
dy	0	0	0	0
lb	0	0	0	0
ps1	0	0	0	0
tk	0	0	0	0
sh1	0	0	0	0
bm	0	0	0	0
ph	0	0	0	0
Overall	0	0	0	0

### C113

Population	Total	246	248	249	252	255	258	259	260	261	264	265	267	270	273	276	282	285
<i>P. miniata</i>																		
sb	66	0	0	0	1	1	22	0	0	5	6	0	11	6	3	6	4	0
bod	32	0	0	0	1	0	7	0	0	8	9	0	3	2	0	1	0	0
fb	40	0	0	0	0	2	13	0	0	5	2	0	10	4	3	1	0	0
bam	96	0	0	0	0	0	34	0	0	22	13	0	9	6	6	5	0	0
nam	72	0	0	0	0	0	21	0	0	9	19	0	9	2	0	3	6	0
wh	100	0	0	0	0	0	16	0	0	16	16	0	28	4	2	10	2	2
tu	96	0	0	0	0	0	24	0	0	4	12	0	37	4	0	0	0	0
ln	100	0	0	0	0	0	26	0	0	10	13	0	38	7	0	0	0	0
qc	30	0	0	0	0	0	6	0	0	0	0	0	18	0	0	0	0	0
qc16	30	0	0	0	0	0	8	0	0	3	1	0	12	2	0	0	0	0
vc	138	0	0	0	0	0	35	0	0	11	3	0	48	1	0	0	0	0
Overall	800	0	0	0	2	3	212	0	0	93	94	0	223	38	14	26	12	2
<i>P. pectinifera</i>																		
as	98	0	0	0	4	7	11	0	0	19	17	1	15	9	2	9	0	2
fu	98	1	0	0	0	3	9	1	0	25	27	2	15	11	1	1	0	0
oo	104	0	0	1	4	4	16	0	1	23	19	0	17	6	3	6	1	1
Overall	300	1	0	1	8	14	36	1	1	67	63	3	47	26	6	16	1	3
<i>P. parvivipara</i>																		
ced	40	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pbr	102	0	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tgr	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
smg	72	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	314	0	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**C113 Cont.**

<b>Population</b>	<b>288</b>	<b>291</b>	<b>297</b>
<i>P. miniata</i>			
sb	0	0	0
bod	0	1	0
fb	0	0	0
bam	0	0	0
nam	0	0	2
wh	2	0	2
tu	6	0	0
ln	1	0	0
qc	6	0	0
qc16	2	0	0
vc	10	0	0
Overall	27	1	4
<i>P. pectinifera</i>			
as	0	0	0
fu	0	0	0
oo	1	0	0
Overall	1	0	0
<i>P. parvivipara</i>			
ced	0	0	0
pbr	0	0	0
tgr	0	0	0
smp	0	0	0
Overall	0	0	0

**C114**

<b>Population</b>	<b>Total</b>	<b>183</b>	<b>263</b>	<b>268</b>	<b>269</b>	<b>270</b>	<b>271</b>	<b>274</b>	<b>275</b>	<b>276</b>	<b>277</b>	<b>278</b>	<b>279</b>	<b>280</b>	<b>281</b>	<b>282</b>	<b>284</b>	<b>285</b>
<i>M. mortensoni</i>																		
kb	90	0	0	0	1	0	0	0	2	0	0	82	0	0	3	0	1	0
mb	36	0	0	0	0	0	0	0	4	0	0	28	0	0	4	0	0	0
wh	64	0	0	0	0	0	0	0	1	0	0	60	0	0	1	0	1	0
Overall	190	0	0	0	1	0	0	0	7	0	0	170	0	0	8	0	2	0
<i>M. calcar</i>																		
sh2	92	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0

lb	80	0	0	0	0	2	0	0	0	32	0	0	0	0	0	44	0	0
en	54	0	0	0	0	0	0	4	0	0	3	0	0	10	0	0	0	0
bm	64	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
cl	92	0	0	1	0	0	1	14	0	0	8	0	0	35	0	0	0	0
dy	76	0	0	0	0	0	0	0	0	0	14	0	0	0	0	2	0	0
ps	64	1	0	0	0	0	0	0	0	0	9	0	0	2	0	0	0	0
ab	62	0	0	2	0	0	0	17	0	0	0	0	0	42	0	0	0	0
fb	58	0	0	0	0	0	0	0	0	1	13	0	0	37	0	0	0	0
gb	86	0	0	1	0	0	0	11	0	0	12	0	0	26	0	0	0	0
ps1	92	0	0	1	0	0	0	24	0	0	8	0	0	46	0	0	0	0
alb	58	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
ala	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	934	1	0	5	0	2	1	70	0	33	105	0	0	198	0	46	0	0
<i>P. exigua</i>																		
ps	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
sh1	90	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	89
cl	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
en	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
dy	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
lb	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96
ps	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58
tk	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
sh1	64	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	58
bm	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
ph	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Overall	762	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	673
<i>P. vivipara</i>																		
Total																		
pv	56	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bh	74	0	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tv	38	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	168	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>C114 Cont.</b>																		
<b>Population</b>	<b>286</b>	<b>287</b>	<b>289</b>	<b>292</b>	<b>293</b>	<b>295</b>	<b>307</b>											
<i>M. mortensoni</i>																		
kb	0	1	0	0	0	0	0											

mb	0	0	0	0	0	0	0
wh	0	1	0	0	0	0	0
Overall	0	2	0	0	0	0	0
<i>M. calcar</i>							
sh2	0	0	0	0	0	0	0
lb	0	0	0	0	1	0	0
en	11	0	0	2	0	0	1
bm	0	0	0	0	0	0	0
cl	0	0	1	1	0	0	0
dy	1	0	0	0	0	0	0
ps	0	0	0	0	0	1	0
ab	0	0	0	1	0	0	0
fb	0	0	0	0	0	1	0
gb	2	0	0	0	0	1	0
ps1	0	0	0	2	0	0	0
alb	0	0	0	0	0	0	0
ala	0	0	2	0	0	0	0
Overall	14	0	3	6	1	3	1
<i>P. exigua</i>							
ps	82	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0
cl	0	0	0	0	0	0	0
en	0	0	0	0	0	0	0
dy	0	0	0	0	0	0	0
lb	0	0	0	0	0	0	0
ps	0	0	0	0	0	0	0
tk	0	0	0	0	0	0	0
sh1	0	0	0	0	0	0	0
bm	0	0	0	0	0	0	0
ph	0	0	0	0	0	0	0
Overall	82	0	0	0	0	0	0
<i>P. vivipara</i>							
pv	0	0	0	0	0	0	0
bh	0	0	0	0	0	0	0
tv	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0



C204a																		
Population	Total	140	149	174	177	179	180	181	183	185	186	188	189	190	192	193	198	201
M. mortensoni																		
kb	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mb	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wh	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M. calcar																		
sh2	92	0	0	0	1	0	29	0	1	0	42	0	4	0	3	0	4	1
lb	80	0	0	0	2	0	17	0	1	0	52	0	2	0	1	0	1	0
en	54	0	0	0	3	0	8	0	4	0	15	0	7	0	7	0	3	2
bm	64	0	0	1	0	0	11	0	3	0	36	1	6	0	1	0	0	0
cl	92	0	1	1	1	1	19	0	5	0	46	0	7	0	4	0	1	3
dy	76	0	0	0	0	0	15	0	7	0	27	0	18	0	3	0	2	1
ps	64	0	0	0	3	0	5	2	2	0	20	0	12	0	6	1	4	0
ab	62	0	0	0	3	0	13	0	0	0	37	0	1	0	1	0	1	1
fb	58	0	0	0	2	0	13	0	3	0	24	2	1	0	1	0	2	0
gb	86	0	0	0	0	0	17	0	7	0	53	0	1	0	1	0	0	1
ps1	92	0	0	0	1	1	11	0	1	2	59	1	1	2	6	0	1	1
alb	58	1	0	0	2	0	1	0	5	0	9	0	7	0	18	0	3	3
ala	56	0	0	0	5	0	4	0	5	1	9	2	6	0	12	0	2	0
Overall	934	1	1	2	23	2	163	2	44	3	429	6	73	2	64	1	24	13
C204a Cont.																		
Population	202	204	208	209	211	214	217	220	221	223	229	232	238					
M. mortensoni																		
kb	0	0	1	0	2	28	29	18	0	6	1	4	1					
mb	0	0	2	0	10	4	12	2	2	2	0	2	0					
wh	0	0	0	1	9	25	8	16	0	4	0	0	1					
Overall	0	0	3	1	21	57	49	36	2	12	1	6	2					
M. calcar																		
sh2	0	2	0	0	0	0	0	0	0	0	0	0	0					
lb	0	0	0	0	0	0	0	0	0	0	0	0	0					
en	0	0	0	0	0	0	0	0	0	0	0	0	0					
bm	0	0	0	0	0	0	0	0	0	0	0	0	0					
cl	0	0	0	0	0	0	0	0	0	0	0	0	0					

dy	0	1	0	0	0	0	0	0	0	0	0	0	0
ps	0	0	0	0	0	0	0	0	0	0	0	0	0
ab	1	1	0	0	0	0	0	0	0	0	0	0	0
fb	0	0	0	0	0	0	0	0	0	0	0	0	0
gb	0	0	0	0	0	0	0	0	0	0	0	0	0
ps1	0	0	0	0	0	0	0	0	0	0	0	0	0
alb	0	1	0	0	0	0	0	0	0	0	0	0	0
ala	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	1	5	0	0	0	0	0	0	0	0	0	0	0

#### C210

Population	Total	194	203	206	209	212	215	218	221	224	227	230	233	236
<i>P. miniata</i>														
sb	66	0	5	2	2	4	24	12	7	4	1	2	3	0
bod	32	0	0	1	2	5	9	7	6	1	1	0	0	0
fb	40	0	1	0	3	5	15	7	5	2	1	1	0	0
bam	96	0	0	1	10	6	35	22	10	4	4	1	3	0
nam	72	0	5	3	2	3	25	18	5	6	1	2	1	1
wh	100	1	0	5	9	6	35	23	10	10	0	1	0	0
tu	94	0	0	1	22	11	41	8	8	3	0	0	0	0
ln	100	0	0	0	17	12	45	8	14	4	0	0	0	0
qc	30	0	0	0	7	2	17	0	2	2	0	0	0	0
qc16	30	0	2	0	7	5	12	0	2	2	0	0	0	0
vc	138	0	0	0	13	8	63	1	33	20	0	0	0	0
Overall	798	1	13	13	94	67	321	106	102	58	8	7	7	1

#### C212

Population	Total	265	267	268
<i>P. parvivipara</i>				
ced	40	40	0	0
pbr	102	96	0	6
tgr	100	88	0	12
smp	72	0	0	72
Overall	314	224	0	90
<i>P. vivipara</i>				
bh	56	0	56	0
fb	72	0	72	0

en	38	0	38	0
Overall	166	0	166	0

# **C219**

Population	Total	147	148	178	197	200	203	204	206	208	209	212	215	218	221
<i>C. hystera</i>															
oti2	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0
oti1	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0
oti4	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0
sy	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0
sb	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0
oti5	86	86	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	386	386	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>C. pentagona</i>															
ab2	64	0	64	0	0	0	0	0	0	0	0	0	0	0	0
ab1	64	0	64	0	0	0	0	0	0	0	0	0	0	0	0
bb	62	0	62	0	0	0	0	0	0	0	0	0	0	0	0
bo	64	0	64	0	0	0	0	0	0	0	0	0	0	0	0
tv	80	0	80	0	0	0	0	0	0	0	0	0	0	0	0
db	60	0	60	0	0	0	0	0	0	0	0	0	0	0	0
Overall	394	0	394	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. exigua</i>															
ps	82	0	0	0	0	0	18	0	2	0	51	0	0	0	11
sh1	90	0	0	0	6	0	40	1	34	0	8	1	0	0	0
cl	80	0	0	0	0	0	0	0	60	0	2	13	0	5	0
en	56	0	0	0	0	0	33	0	2	0	20	1	0	0	0
dy	80	0	0	0	0	1	5	0	17	0	26	23	8	0	0
lb	96	0	0	0	0	0	0	0	84	0	11	1	0	0	0
ps1	58	0	0	0	0	0	0	0	58	0	0	0	0	0	0
tk	30	0	0	0	0	0	0	0	3	0	0	0	27	0	0
sh1	64	0	0	0	0	1	25	0	8	1	1	25	0	2	1
bm	86	0	0	0	0	17	2	0	56	0	6	5	0	0	0
ph	40	0	0	0	0	0	0	0	0	0	0	0	38	2	0
Overall	762	0	0	0	6	19	123	1	324	1	125	69	73	9	12
<i>P. vivipara</i>															
bh	56	0	0	0	0	0	56	0	0	0	0	0	0	0	0

fb	74	0	0	0	0	0	58	0	16	0	0	0	0	0	0
en	38	0	0	0	0	0	34	0	4	0	0	0	0	0	0
Overall	168	0	0	0	0	0	148	0	20	0	0	0	0	0	0
<i>P. parvivipara</i>															
ced	40	0	0	40	0	0	0	0	0	0	0	0	0	0	0
pbr	102	0	0	102	0	0	0	0	0	0	0	0	0	0	0
tgr	100	0	0	100	0	0	0	0	0	0	0	0	0	0	0
smp	72	0	0	72	0	0	0	0	0	0	0	0	0	0	0
Overall	314	0	0	314	0	0	0	0	0	0	0	0	0	0	0

# C232

Population	Total	122	125	128	131	133	134	135	136	137	138	140	141	142	143	144	149	150
<i>M. mortensoni</i>																		
kb	90	22	0	67	0	0	1	0	0	0	0	0	0	0	0	0	0	0
mb	34	2	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wh	60	7	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall	184	31	0	152	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>M. calcar</i>																		
sh2	92	2	0	0	3	0	12	0	0	27	0	33	5	1	4	0	0	0
lb	80	0	0	3	4	0	8	0	0	22	1	25	1	0	14	0	0	0
en	54	0	0	0	1	0	4	0	0	10	0	10	0	0	23	0	1	0
bm	64	0	0	3	2	1	6	0	0	22	0	21	0	0	5	1	0	0
cl	92	0	0	3	5	0	9	0	0	25	0	36	0	0	11	0	1	0
dy	76	0	2	3	4	0	11	0	1	23	0	22	0	0	8	0	2	0
ps	64	0	0	1	8	0	7	0	0	18	0	20	0	0	9	0	0	0
ab	62	0	0	0	1	0	13	0	0	13	0	22	0	0	10	0	2	0
fb	58	0	0	0	0	0	5	0	0	5	0	24	0	0	17	0	0	0
gb	86	0	0	2	3	0	14	1	0	20	0	37	0	0	6	0	1	0
ps1	92	0	0	0	1	0	19	0	0	24	1	22	0	0	18	1	0	0
alb	58	0	0	0	0	0	6	0	0	10	0	20	0	0	16	0	0	2
ala	56	0	1	0	3	0	4	0	0	11	0	21	0	0	9	0	0	4
Overall	934	2	3	15	35	1	118	1	1	230	2	313	6	1	150	2	7	6

# C232 Cont.

Population	151	152	153	155	156	158	179
<i>M. mortensoni</i>							
kb	0	0	0	0	0	0	0

mb	0	0	0	0	0	0	0
wh	0	0	0	0	0	0	0
Overall	0	0	0	0	0	0	0
<i>M. calcar</i>							
sh2	0	0	1	0	0	1	2
lb	0	0	0	0	0	0	0
en	0	2	0	2	0	0	0
bm	1	1	0	0	0	0	0
cl	0	1	0	0	0	0	0
dy	0	0	0	0	0	0	0
ps	0	1	0	0	0	0	0
ab	0	0	0	0	0	0	0
fb	0	0	0	0	0	0	0
gb	0	0	0	0	0	0	0
ps1	0	1	0	1	0	0	0
alb	0	0	0	0	1	0	0
ala	0	1	0	0	0	0	0
Overall	1	7	1	3	1	1	2

# D8

Population	Total	251
<i>C. hystera</i>		
oti2	64	64
oti1	80	80
oti4	58	58
sy	58	58
sb	40	40
oti5	86	86
Overall	386	386