

Supplementary material

Grossi A. A. and Galloway T. D. 2022. Spatial distribution of chewing lice (Phthiraptera: Menoponidae Philopteridae) infesting Canada geese and mallards (Aves: Anatidae), in Manitoba, Canada. The Canadian Entomologist.

Table S1. Raw counts of chewing lice infesting different body regions of each Canada goose (*Branta canadensis*) sampled in Manitoba, Canada. Counts are reported as: nymph count / adult count, empty cells indicate no lice of that category were collected. *Underside includes: breast, sides, flanks, belly, tibial feathers, and vent; † includes *Anatoecus dentatus* and *Anatoecus penicillatus*.

Host ID	Head and neck	Wings	Back	Underside*	Tail
<i>Anaticola anseris</i>					
1					
2					
3					
4					
5					
6	5 / 2	10 / 6	1 / 0	8 / 2	1 / 12
7					
8					
9		65 / 25	6 / 2	3 / 0	
10					
11		6 / 3		1 / 0	
12					
13		5 / 3	0 / 2	0 / 2	0 / 1
14					
15		0 / 1			
16		2 / 2	1 / 1	1 / 1	1 / 0
17		0 / 1			
18		10 / 7	0 / 1	1 / 2	
19	1 / 0	109 / 74	7 / 0	11 / 8	1 / 3
20		6 / 0	1 / 0		
<i>Anatoecus</i> spp.†					
1					
2	0 / 2				
3					
4	47 / 25				
5					
6	4 / 9				
7	33 / 109	0 / 3	0 / 1		
8	2 / 5				
9	56 / 110	0 / 1	0 / 1		
10	8 / 1				
11	1 / 1				
12	0 / 2				
13					
14					

15	0 / 1				
16					
17					
18	32 / 18			1 / 0	
19	12 / 16	1 / 1			
20	4 / 3				

Ciconiphilus pectiniventris

1		0 / 2			
2					
3					
4		3 / 0	0 / 3	1 / 1	
5					
6		2 / 7	3 / 3	5 / 0	
7	1 / 0	2 / 2	6 / 0	0 / 1	
8	0 / 1	2 / 9	6 / 1	0 / 1	
9	1 / 0	200 / 85	143 / 15	179 / 41	0 / 1
10		3 / 0	2 / 0		
11		2 / 1	3 / 0	0 / 1	
12					
13					
14					
15					
16					
17	1 / 3	2 / 2	1 / 2		
18	0 / 1	0 / 1			0 / 1
19					
20		3 / 0		0 / 1	

Ornithobius goniopleurus

1					
2	7 / 0	2 / 2	4 / 1	9 / 1	
3	1 / 0				
4	73 / 1	22 / 18	16 / 6	53 / 1	17 / 9
5					
6	53 / 3	16 / 7	7 / 1	30 / 4	
7	86 / 7	43 / 39	42 / 14	135 / 45	
8	53 / 1	14 / 16	14 / 6	14 / 9	1 / 2
9	99 / 4	59 / 36	40 / 6	149 / 18	14 / 2
10	16 / 0	6 / 1	3 / 0	1 / 1	1 / 0
11	9 / 0	7 / 20	12 / 2	7 / 4	3 / 1
12	16 / 0	2 / 5	2 / 1	6 / 0	1 / 0
13	10 / 0	0 / 1	4 / 0	13 / 1	
14	8 / 0	1 / 7	3 / 1	1 / 1	2 / 0
15					
16	4 / 0				
17	41 / 10	5 / 7	4 / 6	3 / 1	
18	53 / 1	12 / 3	6 / 1	46 / 7	6 / 0
19	39 / 0	39 / 15	22 / 2	35 / 9	2 / 3
20	10 / 0	2 / 1	1 / 0	5 / 0	

Trinoton anserinum

1				
2				
3				
4	1 / 1			
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Table S2. Raw counts of chewing lice infesting different body regions of each mallard (*Anas platyrhynchos*) sampled in Manitoba, Canada. Counts are reported as: nymph count / adult count, empty cells indicate no lice of that category were collected. *Underside includes: breast, sides, flanks, belly, tibial feathers, and vent; † may include nymphs of *Holomenopon leucoxanthum*.

Host ID	Head and Neck	Wings	Back	Underside*	Tail
<i>Anaticola crassicornis</i>					
1	3 / 2	7 / 3			0 / 2
2	0 / 1	1 / 1	1 / 0		1 / 1
3		1 / 0			0 / 1
4		5 / 1		0 / 1	0 / 4
5	0 / 1	24 / 13	2 / 1	0 / 6	
6	0 / 2	2 / 6	0 / 2		
7	1 / 0	6 / 2	1 / 0		
8		5 / 8	1 / 0		1 / 1
<i>Anatoecus dentatus</i>					
1					
2	0 / 2				
3	2 / 0				
4	3 / 4			0 / 1	
5	98 / 30	8 / 2			
6					
7	0 / 1				
8	56 / 37				
<i>Holomenopon maxbeieri</i>†					
1	0 / 2		1 / 0	3 / 0	
2					
3					
4					
5	2 / 1	2 / 1	6 / 0	4 / 8	0 / 1
6					
7					
8	1 / 0	0 / 3	1 / 3	4 / 8	0 / 1
<i>Trinoton querquedulae</i>					
1					
2		3 / 1			
3					
4		0 / 2	3 / 0		
5		0 / 1	1 / 0	0 / 1	
6					
7	0 / 1	8 / 4	0 / 1	1 / 0	
8					