Supplemental Appendix 1. Taxa list and abundances of species collected in Lac la Ronge. Wing type and mean body length for each species obtained from Lindroth (1969) and Bousquet (2010).

Species         Wing Type         Mean Body Length (mm)         1         2         3         4         5         6         7         8         9         10         11         12         13         14         15         16         17         18         19         20         21         22         23         24         25         26         27         28         9         10         11         12         13         14         15         16         17         18         19         20         21         22         23         24         25         26         27         28         29         10         11         12         13         14         15         16         17         18         19         20         21         20         20         20         11         1         22         20         11         1         22         0	31         32         33         34         35           0         0         0         0         0         0           0
A. corvus (LeConte)  M  8.75  O  O  O  O  O  O  O  O  O  O  O  O  O	0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
A. gratiosum (Mannerheim)  M  7.75  0  11  1  2  2  0  11  1  2  2  0  11  1  2  0  11  1  2  0  11  1  1  2  0  11  1  1  2  0  11  1  1  1  2  0  11  1  1  1  1  1  1  1  1  1  1  1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 11 135 30 1 0
A. melanarium Dejean M 9 0 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A. propinquum (Gemminger & Harold) M 7.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 1 135 30 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A. retractum (LeConte)  D  6.9  22  17  72  21  13  53  64  94  18  29  31  4  39  13  59  61  28  13  11  36  94  16  5  29  5  28  14  A. sordens (Kirby)  M  5.9  0  0  0  0  0  0  0  0  0  0  0  0  0	11 135 30 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
A. sorders (Kirby) M 5.9 0 0 0 3 0 1 0 1 0 1 0 1 1 0 2 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Amara erratica (Duftschmid)         M         7.6         0         0         1         0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A. littoralis Mannerheim M 8.65 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A. patruelis Dejean M 8.65 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
A. sinuosa (Casey) M 6.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Bembidion bimaculatum (Kirby)         M         6.4         0 <t< td=""><td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Blethisa multipunctata (Linne) M 11.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Bradycellus lugubris (LeConte) M 6.65 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0	0 0 0 0 0
Calathus ingratus Dejean D 8.75 7 27 90 23 203 123 10 72 72 57 143 17 186 60 74 176 91 3 174 16 9 19 10 84 31 13 184 49 19 44	
	148 223 78 9 5
Construction of the Circles with the Circles with the Circles Weldlering D 14.45 0 0 1 0 21 2 1 0 0 110 16 40 20 52 0 12 21 7 (2 2 5 2 0 46 116 0 66 20 12 0	
Carabus chamissonis (Fisher von Waldheim) B 14.45 0 0 1 9 31 2 1 0 0 110 16 48 20 53 0 12 21 7 63 3 5 2 0 46 116 8 66 30 12 9	5 7 11 11 7
C. taedatus Fabricius B 21.5 0 0 0 1 0 0 0 0 0 0 0 0 0 0 9 0 74 6 1 0 0 0 1 0 66 2 50 33 0 52	9 0 39 10 14
Calosoma frigidum Kirby M 22 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Cicindela longilabris         Say         M         16         0 <td>0 0 0 0 0</td>	0 0 0 0 0
Cymindis cribricollis Dejean D 9.7 0 1 2 0 3 4 0 0 0 0 0 1 0 1 0 0 3 0 6 0 0 0 0 3 0 0 0 0 1	1 0 1 0 1
C. unicolor Kirby B 8.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Elaphrus clairvillei         Kirby         M         9.1         0         0         1         0 </td <td>0 0 0 0 0</td>	0 0 0 0 0
Harpalus fulvilabris         Mannerheim         D         9.95         0         2         4         1         0         <	1 1 0 0 0
H. laevipes Zetterstedt M 11.3 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0	0 0 0 0 0
Loricera pilicornis (Fabricius) M 7.75 0 1 1 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	0 0 0 0 0
Miscodera arctica         Mannerheim         M         8         0         0         1         0         0         1         0 </td <td>0 0 1 0 0</td>	0 0 1 0 0
Patrobus foveocollis (Eschscholtz)         D         9.8         0	3 0 0 0 0
P. septentrionis Dejean M 9.95 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Platynus decentis (Say) M 11.5 1 132 31 43 39 113 15 8 80 49 56 6 41 13 17 108 6 5 136 1 3 0 21 14 6 5 34 5 18 0	41 40 12 6 0
P. mannerheimii (Dejean) M 12.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Pterostichus adstrictus (Eschscholtz) M 11.25 61 335 76 179 215 200 36 229 124 94 96 27 52 50 22 38 86 6 210 20 31 83 15 128 81 10 58 39 32 21	26 117 35 13 46
P. brevicornis (Kirby) B 5.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
P. pensylvanicus (LeConte) M 10.75 10 4 3 4 42 3 1 6 9 2 7 5 2 0 27 1 20 0 7 0 1 18 0 8 3 5 2 4 0 7	1 21 18 1 2
P. punctatissimus (Randall) B 16.5 1 0 40 12 18 53 11 0 2 9 6 53 18 22 10 3 43 14 42 17 9 48 5 6 41 10 66 42 11 12	39 5 22 51 14
Stereocerus haematopus (Dejean) M 11 0 41 5 23 96 101 5 2 2 31 27 1 2 42 0 6 61 0 38 1 11 7 13 19 40 3 85 56 11 1	38 46 23 16 3
Syntomus americanus (Dejean) D 3.1 4 0 0 0 1 0 0 1 0 0 6 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Synuchus impunctatus (Say) D 9.95 1 1 12 42 30 14 2 36 36 11 55 0 31 12 11 1 9 1 3 15 4 114 1 12 7 2 4 8 1 90	2 58 39 0 115
Trachypachus holmbergi Mannerheim M 4.8 35 3 2 0 0 0 0 1 1 11 7 0 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Trechus apicalis Motschulsky D 4.3 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0	0 0 0 0 0
Total no. of individuals 142 589 341 365 813 670 146 452 351 407 460 163 399 267 232 406 443 43 718 74 110 301 85 355 396 89 559 268 119 255	325 654 309 119 207
Total no. of species 9 14 15 15 12 13 10 12 15 14 15 10 14 10 9 9 12 8 16 8 10 9 14 11 10 12 13 10 11 13	13 12 12 10 9