

CORRIGENDUM

## New records and range extensions of Carabidae of Ontario's boreal forest – CORRIGENDUM

Kaitlyn J. Fleming, James A. Schaefer, and David V. Beresford

<https://doi.org/10.4039/tce.2022.33>. Published by Cambridge University Press, 2 November 2022

The original published version of the article by Fleming *et al.* (2022) contained an error within Table 3 (page 16). Within Table 3, *Carabus granulatus* does not have previous records from Labrador, Nunavut, or New Hampshire.

This corrigendum presents the corrected version of Table 3.

**Table 3.** Previously known distributions of ground beetles in Canada and the United States of America and the approximate distance for each species with range extensions. Provincial and state records and distance of range extensions were determined using Lindroth (1961, 1963, 1966, 1968, 1969a, 1969b), Goulet (1983), Liebherr and Will (1996), Bousquet (2010), Bousquet *et al.* (2013), Canadian National Collection of Insects, Arachnids and Nematodes (2022), and Global Biodiversity Information Facility (2022a). See the notes at the end of the table for a key to abbreviations.

Species	Province	State	Distance of range extension (km)
<i>Agonum anchomenoides</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	AK, IA, ME, MI, MO, NH, NY, PA, VT	225
<i>Agonum canadense</i>	LB, MB, NB, NF, NS, ON, PE, QC	NH, VT, WI	1300
<i>Agonum cupreum</i>	AB, BC, MB, NB, NT, ON, PE, QC, SK, YK	AK, AZ, CA, CO, MI, MN, ND, NM, SD, UT, WA, WY	590
<i>Agonum cupripenne</i>	AB, BC, MB, NB, NS, NT, ON, PE, QC, SK	AZ, CA, CO, CT, DE, IA, ID, IL, IN, MA, ME, MI, MN, NC, ND, NH, NJ, NM, NV, NY, OH, OR, PA, TN, UT, VT, WI, WY	480
<i>Agonum errans</i>	AB, BC, MB, ON, QC, SK	CO, ID, MI, MT, ND, NE, NH, NM, SD, TX, UT, VT, WY	650
<i>Agonum gratiosum</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	AK, CO, CT, IA, IL, MA, ME, MI, MN, ND, NH, NJ, NV, NY, OH, PA, SD, VT, WI	950
<i>Agonum lutulentum</i>	AB, BC, MB, NB, NS, NT, ON, PE, QC, SK	DE, IA, IL, MA, ME, NH, NJ, NY, OH, PA, SD, VT	160
<i>Agonum muelleri</i>	AB, BC, LB, NB, NF, NS, ON, PE, QC	CA, IA, ID, MA, ME, NH, NY, OR, PA, VT, WA, WY	700

(Continued)

Table 3. (Continued)

Species	Province	State	Distance of range extension (km)
<i>Agonum mutatum</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK	AK, CT, DE, ME, MI, NH, NY, OH, PA, VT	1000
<i>Agonum palustre</i>	NB, ON, QC	IA, KS, MA, ME, MI, NH, NY, OH, PA, VA, VT, WI, WV	1500
<i>Agonum picicornoides</i>	AB, BC, MB, NB, NS, ON, PE, QC, SK	CO, ME, NH, VT	600
<i>Agonum retractum</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK	CO, MA, ME, MI, MN, NH, NY, OH, PA, RI, VA, VT, WI	600
<i>Agonum simile</i>	AB, BC, MB, SK, YK	AK	1000
<i>Agonum sordens</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	CO, ID, IL, ME, NH, NY, VT, WI	400
<i>Agonum thoreyi</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	AK, CO, MA, ME, MI, MN, ND, NH, PA, UT, VT, WI	580
<i>Agonum trigeminum</i>	MB, NB, NS, ON, PE, QC	DC, ME, NH, VT, WI	630
<i>Amara avida</i>	AB, BC, MB, NB, NF, NS, NT, NU, ON, PE, QC, SK, YK	AK, AZ, CO, ME, NH, NM, UT, VT, WA, WY	800
<i>Amara glacialis</i>	BC, LB, MB, NT, NU, ON, QC, SK, YK	AK	240
<i>Amara latior</i>	AB, BC, MB, NB, NF, NS, ON, PE, QC, SK	AZ, CA, CO, ID, ME, MI, MN, ND, NH, NM, NY, OR, PA, UT, VT, WI, WY	1000
<i>Anisodactylus nigrita</i>	AB, BC, MB, NB, NS, ON, PE, QC, SK	CO, IA, MA, ME, MI, MN, MS, ND, NH, NY, PA, SD, UT, VT, WY	240
<i>Bembidion bruxellense</i>	NB, NF, NS, PE, QC	ME	1550
<i>Bembidion castor</i>	AB, MB, NB, NF, NS, ON, QC, SK	AZ, CO, ME, MI, NH, NM, NY, TXNE, VT, WY	275
<i>Bembidion honestum</i>	NB, NS, ON, QC	KY, ME, NC, NH, NY, OH, OK, PA, TX, UT, VA, VT, WV	470
<i>Bembidion incrematum</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	CA, ID, ME, MT, NH, NV, OR, UT, VT, WA	400
<i>Bembidion interventor</i>	AB, BC, MB, NT, ON, QC, SK, YK	AK, CO, ND	800
<i>Bembidion lacunarium</i>	NB, ON, QC	AZ, IA, KY, MD, ME, NH, NM, NY, OH, PA, TX, VA, VT	1500
<i>Bembidion mutatum</i>	AB, BC, MB, NB, NF, NS, NT, ON, QC, SK, YK	CA, CO, ND, NH, NM, NV, OR, SD, VT, WI	240
<i>Bembidion nigripes</i>	AB, BC, LB, MB, NB, NF, NS, NT, NU, ON, PE, QC, SK	AK, AZ, CO, ID, MA, ME, MT, ND, NM, NV, OR, UT, WA	950
<i>Bembidion nitidum</i>	AB, BC, MB, NB, NT, ON, PE, QC, SK, YK	AK, AZ, CA, CO, ID, ME, MI, MN, ND, NH, NM, SD, UT, VT, WA	470
<i>Bembidion obtusidens</i>	AB, MB, ON, SK	ND, WY	distance unknown (Bousquet <i>et al.</i> 2013)

(Continued)

Table 3. (Continued)

Species	Province	State	Distance of range extension (km)
<i>Bembidion postremum</i>	NB, QC	IA, ME, MO, NH, PA, VT	1000
<i>Bembidion rufotinctum</i>	NB, QC	MA, NC, NH, VT	1300
<i>Bembidion salebratum</i>	AB, BC, MB, NB, NF, NS, NT, ON, QC, SK	CO, IA, ME, NH, VT	330
<i>Bembidion simplex</i>	QC	ME, MI, NC, NH, OH, TN, VT, WV	1300
<i>Bembidion transparens</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	AK, KY, ME, MI, MN, MO, ND, NH, VT, WI	100
<i>Bembidion transversale</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, QC, SK, YK	AK, AZ, CA, CO, ID, MO, MT, NM, NV, OR, UT, WAs, WY	800
<i>Bembidion variegatum</i>	NB, ON, QC	CO, IA, IL, IN, MA, ME, MI, MS, NE, NH, NJ, NY, OH, OK, PA, SD, UT, VT	1540
<i>Blemus discus</i>	NB, NS, ON, PE, QC	ME, NH, VT	800
<i>Blethisa julii</i>	AB, BC, MB, NB, NF, NS, NT, ON, QC, SK	ME, NH, VT	500
<i>Bradycellus badipennis</i>	NB, ON, QC	CO, IL, KY, MD, ME, MO, NH, NY, OH, VA, VT	740
<i>Carabus granulatus</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK	CT, ID, MA, ME, MN, WA	200
<i>Carabus taedatus agassii</i>	AB, BC, MB, NF, NT, ON, QC, SK, YK	AZ, CA, CO, NM, NV, OR, UT	570
<i>Chlaenius alternatus</i>	AB, BC, MB, NB, NF, NS, NT, ON, QC, SK	ID, ND	190
<i>Chlaenius lithophilus</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK	CO, IA, IL, IN, KS, ME, MO, NC, NH, NY, OK, PA, TN, TX, UT, VT	190
<i>Chlaenius nemoralis</i>	ON	AL, AR, AZ, CO, DC, DE, FL, IA, IL, IN, KS, KY, LA, MD, MI, MO, NY, OH, OK, PA, SC, TX, WI	970
<i>Chlaenius sericeus</i>	AB, BC, MB, NB, NF, NS, ON, PE, QC, SK	AR, AZ, CA, CO, DE, FL, IA, ID, IL, KS, KY, MA, MD, ME, MI, MN, MO, MT, ND, NH, NJ, NM, NV, NY, OH, OK, OR, SD, TX, UT, VA, VT, WA, WI, WV, WY	290
<i>Clivina americana</i>	NB, NS, ON, QC	AL, AR, CT, DE, FL, GA, IL, KS, LA, ME, MI, MS, NC, NE, NH, NJ, OH, OK, PA, SC, TN, TX, VA, VT	1300
<i>Cymindis cribricollis</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, QC, SK, YK	AK, AZ, CA, CO, MA, ME, MI, MT, ND, NH, NM, TN, UT, VT, WI, WY	300
<i>Dicheirotrichus mannerheimi</i>	AB, BC, LB, MB, NT, QC, SK, YK	AK, CO	400
<i>Diplocheila obtusa</i>	AB, BC, MB, NB, NS, NT, ON, PE, QC, SK	CO, IA, IL, KS, MA, ME, NC, ND, NH, NM, NY, OK, PA, SD, TX, UT, VT, WI, WY	650
<i>Dyschirius larochellei</i>	NB, NF, NS	FL, NH, TX	2040
<i>Dyschirius sphaericollis</i>	AB, BC, MB, NB, NF, NS, ON, PE, QC, SK	AZ, CO, FL, KS, MO, NE, NH, NJ, NM, OH, OK, OR, PA, SD, TX, UT, UT, VT, WA, WY	815

(Continued)

Table 3. (Continued)

Species	Province	State	Distance of range extension (km)
<i>Elaphrus californicus</i>	AB, BC, MB, NB, NS, NT, ON, PE, QC, SK	AK, CA, CO, IA, IN, KS, MD, ME, MI, MN, MT, ND, NE, NH, NM, NV, NY, OH, OK, OR, PA, SD, UT, VT, WI, WY	200
<i>Elaphrus lecontei</i>	AB, BC, MB, NT, ON, QC, SK	AZ, CA, CO, ID, NM, NV, SD, UT, WY	300
<i>Harpalus affinis</i>	AB, BC, LB, NB, NF, NS, ON, PE, QC	CA, IA, IL, KY, MA, ME, MI, NH, NJ, NY, OH, OR, PA, UT, VT, WA, WI	450
<i>Harpalus erythropus</i>	MB, NS, ON, QC	AL, CO, CT, DE, GA, IA, IL, IN, KS, KY, MA, MD, ME, MI, MN, MO, NC, NH, NJ, NY, OH, OK, PA, TN, UT, VA, VT, WI, WV	710
<i>Harpalus lewisii</i>	AB, MB, NB, NS, NT, ON, QC, SK	ME, MI, ND, NH, VT	1190
<i>Harpalus somnulentus</i> morph. <i>pleuriticus</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, PE, QC, SK, YK	AK, AL, AZ, CA, CO, DE, IA, KS, MA, ME, MI, MN, MO, MT, ND, NH, NJ, NM, NV, NY, OH, OK, OR, PA, SD, TX, UT, VA, VT, WA, WI, WY	700
<i>Lebia moesta</i>	AB, BC, LB, MB, NB, NF, NS, ON, PE, QC, SK	ID, ME, ND, NH, RI, VT, WA	470
<i>Notiophilus nemoralis</i>		ME, NH, VT	1600
<i>Notiophilus semistriatus</i>	AB, BC, LB, MB, NB, NF, NS, NT, ON, QC, YK	AK, AL, CO, DC, DE, IN, KS, KY, NH, NM, OH, OK, PA, SD, TN, TX, VA	975
<i>Omopron americanum</i>	AB, BC, MB, NB, NF, NS, NT, ON, PE, QC, SK	AL, AZ, CA, IA, IN, KS, LA, MD, ME, MI, MO, MS, MT, NH, NJ, NM, NY, OH, OK, OR, PA, SC, SD, TN, TX, UT, VA, VT, WI, WV, WY	470
<i>Oxypselaphus pusillus</i>	AB, BC, MB, NB, NS, ON, PE, QC, SK	IA, MA, ME, MI, ND, NH, NY, OH, PA, VT, WI	675
<i>Paranchus albipes</i>	LB, NB, NF, NS	ME	1300
<i>Platynus indecentis</i>	NB, NS, ON, QC	ME, MI, VT, WI	1600
<i>Pterostichus castor</i>	NB, ON, QC	NH, VT	570
<i>Pterostichus commutabilis</i>	BC, MB, NB, NS, ON, PE, QC, SK	CO, CT, DE, IA, IL, ME, MI, MN, ND, NH, NY, OH, PA, UT, VT	620
<i>Pterostichus corvinus</i>	AB, BC, MB, NB, NS, NT, ON, PE, QC, SK	CO, CT, IA, KS, MA, ME, MI, MN, ND, NH, NJ, NY, OH, PA, SD, UT, VT, WA, WI, WY	740
<i>Pterostichus rostratus</i>	NB, ON, QC	GA, IA, ID, MA, ME, NC, NH, NY, PA, TN, UT, VA, VT, WV, WY	1300
<i>Sphaeroderus nitidicollis</i>	MB, NB, NF, NS, NT, ON, QC, SK	ME, NH, NY, OH, VT	615

Province abbreviations: AB, Alberta; BC, British Columbia; MB, Manitoba; NB, New Brunswick; NF, Newfoundland and Labrador; NS, Nova Scotia; NT, Northwest Territories; ON, Ontario; PE, Prince Edward Island; QC, Quebec; SK, Saskatchewan; YK, Yukon Territory.

State abbreviations: AK, Alaska; AL, Alabama; AR, Arkansas; AZ, Arizona; CA, California; CO, Colorado; CT, Connecticut; DC, District of Columbia; DE, Delaware; FL, Florida; GA, Georgia; IA, Iowa; ID, Idaho; IL, Illinois; IN, Indiana; KS, Kansas; KY, Kentucky; LA, Louisiana; MA, Massachusetts; MD, Maryland; ME, Maine; MI, Michigan; MN, Minnesota; MO, Missouri; MS, Mississippi; MT, Montana; NC, North Carolina; ND, North Dakota; NE, Nebraska; NH, New Hampshire; NJ, New Jersey; NM, New Mexico; NV, Nevada; NY, New York; OH, Ohio; OK, Oklahoma; OR, Oregon; PA, Pennsylvania; RI, Rhode Island; SC, South Carolina; SD, South Dakota; TN, Tennessee; TX, Texas; UT, Utah; VA, Virginia; VT, Vermont; WA, Washington; WI, Wisconsin; WY, Wyoming; WV, West Virginia.

### Reference

Fleming, K. J., Schaefer, J. A., and Beresford, D. V. 2022. New records and range extensions of Carabidae of Ontario's boreal forest. *The Canadian Entomologist*, 154: e44. <https://doi.org/10.4039/tce.2022.33>.

---

**Cite this article:** Fleming, K.J., Schaefer, J.A., and Beresford, D.V. 2023. New records and range extensions of Carabidae of Ontario's boreal forest – CORRIGENDUM. *The Canadian Entomologist*. <https://doi.org/10.4039/tce.2022.46>.