

Appendix 1. List of the 24 grassland and graveyard study sites, with site names, UTM coordinates, region (URB = urban, SUB = suburban, RUR = rural), habitat type (GRS = grassland, GRV = graveyard), slope of a given site (estimated degree, and compass direction for facing) and size of the patch (ha; based on field measures and satellite images) where the sampling site was.

Name	UTM-E	UTM-N	Region	Habitat	Slope	Size
Victoria Park Trail	332444	5935061	URB	GRS	30°S	1.2
Provincial Museum	331519	5935198	URB	GRS	25°S	0.6
Louise McKinney Park	335608	5935251	URB	GRS	5°S	0.6
H. L. Edwards Park	335585	5934833	URB	GRS	-0	0.3
Mt. Pleasant Cemetery	333679	5929612	URB	GRV	3°W	5.0
Edmonton Cemetery	332588	5936472	URB	GRV	-0	4.5
Beechmount Cemetery	334624	5939517	URB	GRV	-0	15.0
Jewish Community Cem.	338010	5935171	URB	GRV	-0	2.0
100 Av. × 179 St.	325478	5935189	SUB	GRS	-0	1.0
70 Av. × 17 St.	342987	5930974	SUB	GRS	-0	2.5
Oxford	331809	5943609	SUB	GRS	-0	4.0
142 Av. × 127 St.	332024	5942339	SUB	GRS	-0	1.5
Our Lady of Peace	344483	5928770	SUB	GRV	1–2°W	7.5
Little Mountain Cem.	340238	5943929	SUB	GRV	-0	1.0
Holy Cross Cemetery	329227	5942941	SUB	GRV	1–2°W	0.9
Colchester Cemetery	346298	5927434	SUB	GRV	-0	0.25
Partridge Hill	361372	5948155	RUR	GRS	-0	0.25
EINP Northern entrance	381066	5953274	RUR	GRS	2°E	0.2
Rural Grass 3	399327	5960947	RUR	GRS	-0	1.1
Rural Grass 4	399229	5956581	RUR	GRS	-0	1.0
Bethany Lutheran Cem.	371694	5953468	RUR	GRV	-0	0.25
Lamont Cemetery	384535	5959981	RUR	GRV	1°E	0.8
St. Michaels Cemetery	389730	5971963	RUR	GRV	-0	0.25
St. Nicholas Cemetery	396338	5962468	RUR	GRV	-0	1.5

Appendix 2. Vegetation in the 24 grassland and graveyard study sites; all numerical values are estimated percent covers at an area of 20 × 20 m at each trapping site. "Field, dom." shows the cover and tribes (for grassland sites) or species (for graveyards) of the dominant field layer plants ("Agr, Fes" = Agrostidae and Festuceae; includes genera *Poa* L. (not *P. pratensis*), *Elymus* L., *Phleum* L., *Calamagrostis* Adanson, *Deschampsia* Beauv., *Agrostis* L. and *Bromus* L.; "P pra" = *Poa pratensis* L.); "Field, others" shows other abundant (>1% cover) plant species or genera; "Bushes, saplings" shows the cover and genera of bushes and tree saplings (height <2 m) found; and "Trees" shows the cover and species or genera of trees (height ≥2 m).

Site name	Field, dom.	Field, others	Bushes, saplings	Trees
Victoria Park Trail	90 (Agr, Fes)	<i>Cirsium arvense</i> (L.) Scop., <i>Comandra</i> Nutt., <i>Capsella</i> Medicus, <i>Vicia</i> L.	5 (<i>Salix</i> L., <i>Rosa</i> L.)	–
Provincial Museum Louise McKinney Park	90 (Agr, Fes) 90 (Agr, Fes)	<i>Medicago sativa</i> L. <i>Cirsium arvense</i> (L.) Scop., <i>Comandra</i> Nutt.	2 (<i>Caragana</i> Fabr.)	5 (<i>Acer negundo</i> L.) 3 (<i>Populus</i> L.)
H. L. Edwards Park	90 (Agr, Fes)	<i>Epilobium</i> L., <i>Vicia</i> L.	5 (<i>Rosa</i> L., <i>Picea</i> A. Dietr., <i>Larix</i> Miller, <i>Pinus</i> L.)	–
Mt. Pleasant Cemetery Edmonton Cemetery	90 (P pra) 60 (P pra)	– <i>Tanaxacum</i> L.	–	– 20 (<i>Pinus sylvestris</i> L., <i>Picea glauca</i> (Moench) Voss, <i>Picea pungens</i> Engelm.) 10 (<i>Picea glauca</i> (Moench) Voss, <i>Picea pungens</i> Engelm.) 10 (<i>Picea glauca</i> (Moench) Voss)
Beechmount Cemetery	90 (P pra)	<i>Tanaxacum</i> L.	–	–
Jewish Community Cem. 100 Av. × 179 St. 70 Av. × 17 St.	50 (P pra) 90 (Agr, Fes) 70 (Agr, Fes)	– <i>Tanaxacum</i> L., <i>Trifolium</i> L., <i>Aster</i> L., <i>Cirsium arvense</i> (L.) Scop., <i>Sonchus arvensis</i> L., <i>Trifolium</i> L., <i>Comandra</i> Nutt.	–	–
Oxford 142 Av. × 127 St.	90 (Agr, Fes) 90 (Agr, Fes)	– <i>Tanaxacum</i> L., <i>Rumex</i> L., <i>Descurainia</i> Webb & Berth <i>Tanaxacum</i> L.	–	–
Our Lady of Peace Little Mountain Cem. Holy Cross Cemetery	90 (P pra) 100 (P pra) 90 (P pra)	– <i>Tanaxacum</i> L., <i>Trifolium</i> L.	–	– 5 (<i>Picea pungens</i> Engelm., <i>Ulmus</i> L.)
Colchester Cemetery Partridge Hill	70 (P pra) 90 (Agr, Fes)	<i>Tanaxacum</i> L., <i>Trifolium</i> L., <i>Aster</i> L., <i>Cirsium arvense</i> (L.) Scop., <i>Sonchus arvensis</i> L., <i>Trifolium</i> L.	–	–
EINP Northern entrance	60 (Agr, Fes)	<i>Aster</i> L., <i>Cirsium arvense</i> (L.) Scop., <i>Sonchus arvensis</i> L., <i>Trifolium</i> L., <i>Solidago</i> L., <i>Epilobium</i> L.	10 (<i>Rosa</i> L., <i>Betula</i> L., <i>Populus</i> L.)	1 (<i>Picea glauca</i> (Moench) Voss)
Rural Grass 3	80 (Agr, Fes)	<i>Aster</i> L., <i>Geum</i> L., <i>Cirsium arvense</i> (L.) Scop., <i>Tanaxacum</i> L.	1 (<i>Ribes lacustre</i> (Pers.) Poir.)	–

Rural Grass 4	70 (Agr, Fes)	<i>Cirsium arvense</i> (L.) Scop., <i>Sonchus arvensis</i> L.	1 (<i>Rosa</i> L., <i>Salix</i> L., <i>Populus</i> L.)	-
Bethany Lutheran Cem. Lamont Cemetery	70 (P pra) 90 (P pra)	<i>Tanaxacum</i> L., <i>Trifolium</i> L. -	1 (<i>Syringa</i> L.)	5 (<i>Fraxinus</i> L., <i>Picea glauca</i> (Moench) Voss)
St. Michaels Cemetery	80 (P pra)	<i>Tanaxacum</i> L., <i>Trifolium</i> L., <i>Fragaria</i> L., <i>Kochia</i> Roth	-	-
St. Nicholas Cemetery	70 (P pra)	<i>Tanaxacum</i> L., <i>Trifolium</i> L., <i>Kochia</i> Roth, <i>Cirsium arvense</i> (L.) Scop.	-	-