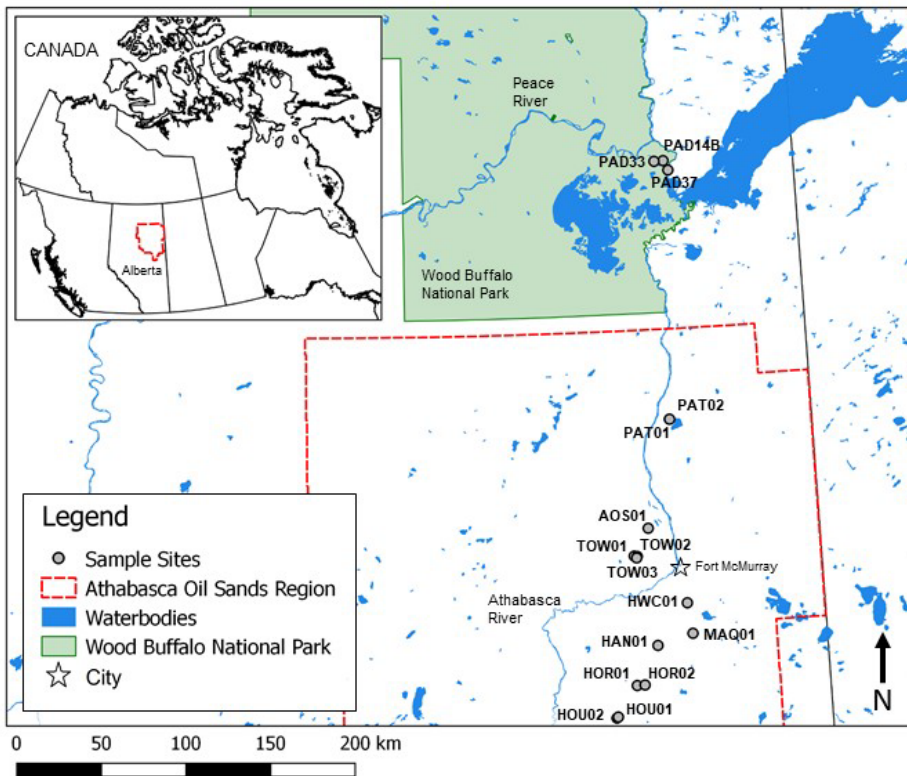


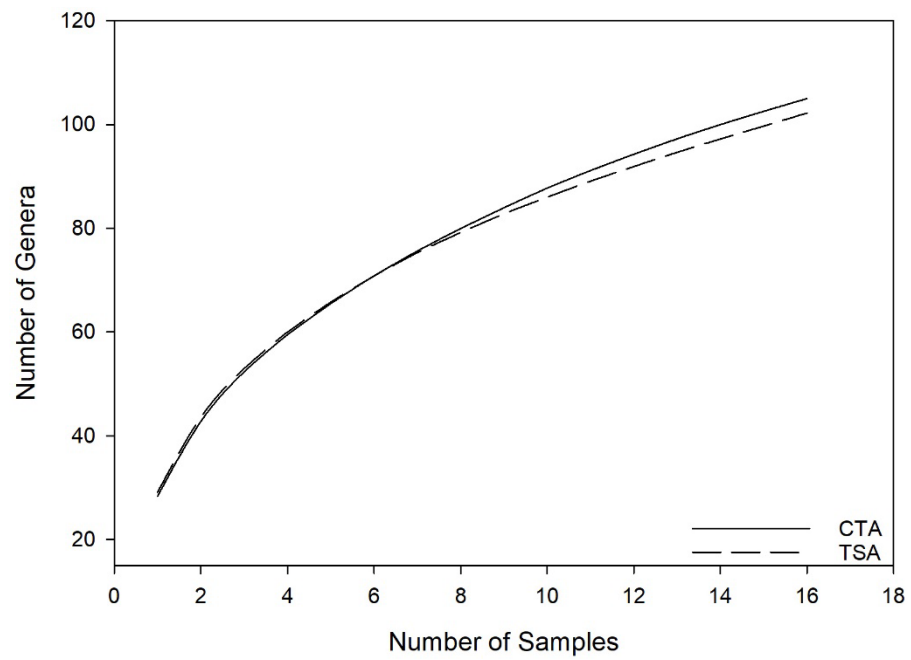
SUPPLEMENTAL MATERIAL

Bioassessment of benthic macroinvertebrates in wetlands: a paired comparison of two standardized sampling methodologies

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Supplementary Information, Figure A. Locations of wetlands sampled during 2017 comparison study.



Supplemental Information, Figure B. Bootstrapped genus accumulation curves for CTA (solid line) and TSA (dashed line) sampling protocols

Supplemental Information, Table A. Genera unique to CTA and TSA protocols organized by family.

Unique to CTA		Unique to TSA	
UNIQUE FAMILIES			
Family	Number of occurrences; number of individuals	Family	Number of occurrences; number of individuals
Lumbriculidae	1; 57	Belostomatidae	1; 20
Pionidae	1; 7	Dixidae	3; 37
		Enchytraeidae	3; 17
		Gerridae	1; 20
		Hydrodromidae	1, 20
		Unionicolidae	3; 116
UNIQUE GENERA			
Family	Genus	Family	Genus
Baetidae	<i>Baetis</i>	Belostomatidae	<i>Lethocerus</i>
Chironomidae	<i>Proclleon</i>	Chironomidae	<i>Eukiefferiella</i>
	<i>Parakiefferiella</i>		<i>Glyptotendipes</i>
	<i>Sublettea</i>		<i>Limnophyes</i>
	<i>Zavrelimyia</i>		<i>Phaenopsectra</i>
Corduliidae	<i>Cordulia</i>		<i>Tanypus</i>
Corixidae	<i>Cymatia</i>	Corixidae	<i>Dasycorixa</i>
Dytiscidae	<i>Acilius</i>	Dixidae	<i>Dixa</i>
	<i>Ilybius</i>		<i>Dixella</i>
	<i>Neoporus</i>	Dytiscidae	<i>Graphoderus</i>
		Empididae	<i>Chelifera/</i> <i>Metachela</i>
Empididae	<i>Trichoclinocera</i>		
Glossiphoniidae	<i>Helobdella</i>	Enchytraeidae	<i>Enchytraeus</i>
Leptoceridae	<i>Ceraclea</i>	Erpobdellidae	<i>Nephelopsis</i>
	<i>Mystacides</i>	Gerridae	<i>Gerris</i>
	<i>Oecetis</i>	Haliplidae	<i>Peltodytes</i>
		Hydrodromidae	<i>Hydrodroma</i>
Leptophlebiidae	<i>Paraleptophlebia</i>	Hydroptilidae	<i>Agraylea</i>
Lumbriculidae	<i>Lumbriculus</i>	Limnephilidae	<i>Glyphopsyche</i>
Lymnaeidae	<i>Stagnicola</i>	Notonectidae	<i>Buenoa</i>
Oxidae	<i>Oxus</i>		
Polycentropodidae	<i>Polycentropus</i>	Unionicolidae	<i>Unionicola</i>

Supplemental Information, Table B. Bray-Curtis similarities between and within sampling protocols for three response variables.

Response Variable	Similarity between protocols	Similarity within CTA	Similarity within TSA
Abundance	32.53	31.69	34.68
CPUE	32.22	40.2	34.67
Relative Abundance	49.67	51.39	48.07