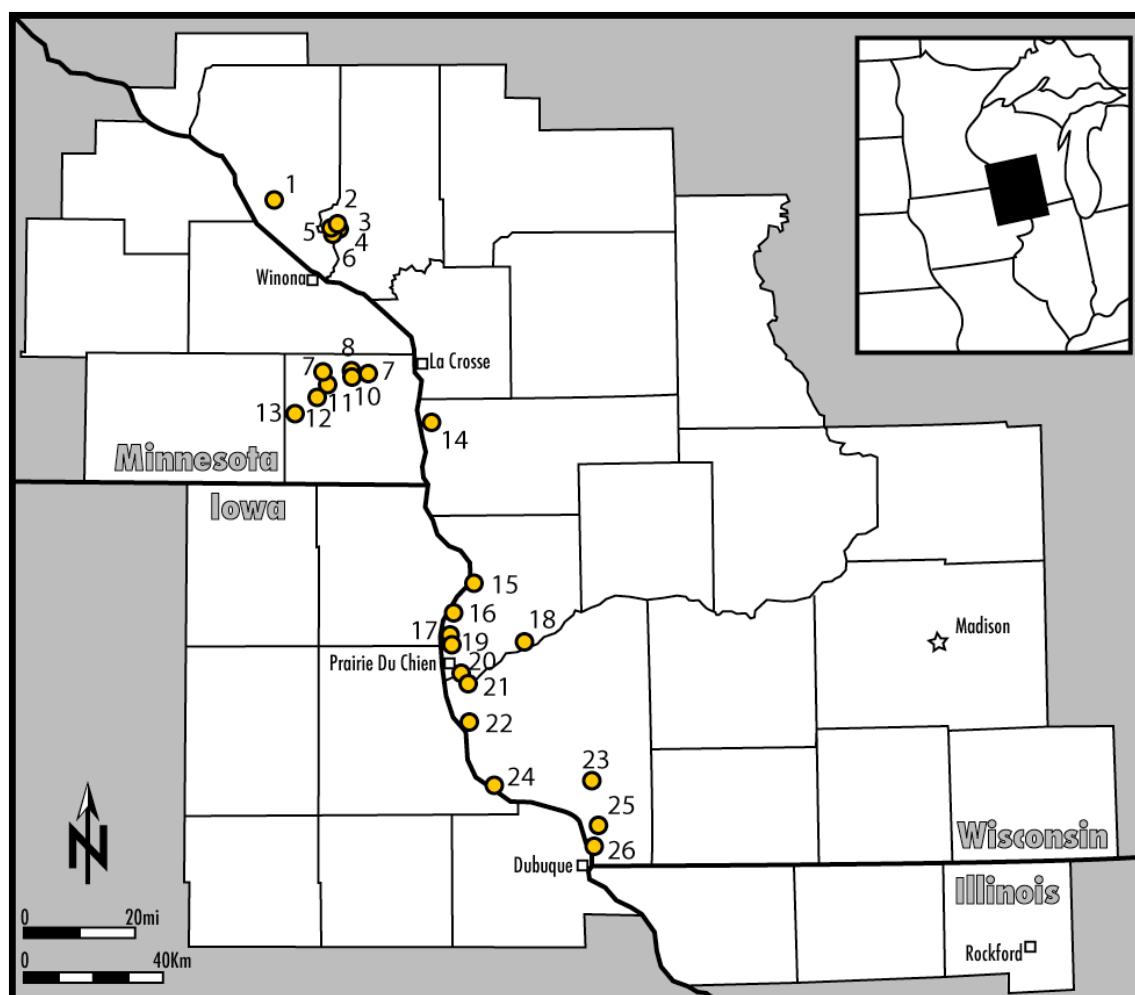


## Appendix D

### *Site descriptions and locations.*

Numerous sites with late Pleistocene gastropods were located during the field surveys in 2005 and 2006. The map below (Map D1) shows the relative location of all sites surveyed (Table D1). A presence/absence table for selected sites is also included (Table D2). The most accessible and abundant sites are discussed in the dissertation; however, this is intended as a guide to future survey and sampling work. Sites were identified by systematically driving along roadways looking for exposures of unconsolidated sediments. Many locations were identified by the presence of broken shell fragments weathering onto the surface. Some sites, however, yielded identifiable material only after processing the sediment.



Map D1: Site location map. See description in Table D1.

**Sites described/discovered in 2004-2006 field seasons.**

Map#	Site Name	Lat	Lon	Age*	Type**	Notes
1	Waumandee Valley	44.246	-91.766	FG	A	
2	Kulas Quarry	44.173	-91.548	17,000	A	Northernmost full-glacial fossil locality in midwest
3	Kulas-2	44.17	-91.548	FG	A	
4	Kulas-1	44.169	-91.542	FG	A	
5	Hwy-JJ	44.168	-91.557	16,100	C/A	
6	JX	44.158	-91.554	FG	C/A	
7	Doblar Road	43.799	-91.589	FG	A	
8	Storer Valley	43.796	-91.485	FG	A	
9	Root River	43.792	-91.424	15,800	C/A	Gastropods dated by Mason and Knox (1997)
10	Storer Creek	43.787	-91.483	15,500	A	
11	Houston Nature Center	43.765	-91.57	Holocene	A	Recent floodplain material.
12	Thorson Quarry	43.731	-91.606	FG	A	
13	Yucatan	43.691	-91.689	FG	C	Stratigraphy described by Mason (1995)
14	Hideaway Lane	43.666	-91.198	13,200	A	
15	Lynxville	43.247	-91.056	LG?	A	
16	Charme Sioux Coulee	43.169	-91.123	FG	C	
17	Mill Coulee	43.111	-91.129	FG	C/A	
18	Wauzeka	43.095	-90.865	FG	C	Clast-supported colluvium, with occasional fossils
19	Limery Coulee	43.09	-91.127	13,400	C	
20	Old 18	43.012	-91.095	FG?	A	
21	Tubbs Farm	42.988	-91.065	LG?	A	
22	Sandy Creek	42.889	-91.068	LG?	C/A	
23	Big Platte	42.731	-90.634	15,800	C	Richest full-glacial locality in Wisconsin
24	Cassville Manor	42.716	-90.988	LG?	C/A	
25	Dickeyville Quarry	42.634	-90.599	?	L	No gastropod fossils, abundant rhizocretions
26	Bluff Road	42.559	-90.633	LG?	A	

\*Dates in <sup>14</sup>C YR; LG=Late Glacial, FG=Full Glacial, age estimates based on gastropod fauna

\*\*A=Alluvium, C=Colluvium, C/A=reworked colluvium, L=Loess

Table D1: Site name, location, type, and approximate age. Numbers refer to locations marked on Map D1.

Site	<i>Succinea</i> cf. <i>bakeri</i> <i>Catinella</i> cf. <i>gelida</i> SLUG PLATES			<i>Vertigo oughtoni</i>	<i>Discus shimeki</i>	<i>Columella columella alticola</i>	<i>Pupilla muscorum</i>	<i>Vertigo modesta modesta</i>	<i>Vertigo modesta parietalis</i>	<i>Vallonia gracilicosta</i>	<i>Discus whitneyi</i>	<i>Euconulus fulvus</i>	<i>Hendersonia occulta</i>	Cal Age (ka)	Depo.	R
Hideaway Lane	X	X	X		X	X	X	X	X	X	X	X		16.1-17.0	A	11
Limery Coulee		X	X	X	X	X	X	X	X	X		X	X	16.4	C	11
Storer Creek		X	X		X	X	X	X	X					19.0-20.3	A	7
Root River		X			X	X	X	X	X					19.1	A	6
Big Platte	X	X			X	X	X	X	X	X	X	X		19.0-19.1	C	10
Hwy-JJ		X	X	X	X	X	X	X	X					19.2	C	8
Kulas Quarry <sup>1</sup>		X	X	X	X	X	X	X	X		X		X	19.9-20.6	A	10
Kulas Quarry <sup>2</sup>		X	X	X	X	X	X	X	X				X	21.0-21.7	A	9
Biome	P	P	W	T	C	CB	CB	CB	CB	CB	CBE	CBE	EF			
Temp./Cold			C	C	C	C	C	C	C	C	C	T	T			
Drier/Wetter		?	W	W	b	W	D	W	W	D	b	b	W			
Open/Shade			S	O	b	S	O	S	S	O	S	b	S			

Table D2. Gastropod fossils recovered from selected sites.