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APPENDIX

Tables 18 to 29:

Significance levels of differences in survivorship and in death rates between the microsites.

Table 18. Significance levels of differences between survivorship of *Arabis hirsuta* in different microsites.

** = $p < 0.01$, * = $p < 0.05$, + = $p < 0.10$, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	Bromus gap/edge gap/tuft edge/tuft			Ono gap/edge gap/tuft edge/tuft			Bromus + Ono gap/edge gap/tuft edge/tuft			Salvia gap/edge	moss covered / bare	Bro gap / Ono gap	Bro edge / Ono edge	Bro tuft / Ono tuft	Bro gap / Sal gap	Bro edge / Sal edge	Ono gap / Sal gap	Ono edge / Sal edge	Bromus gap / bare	Ono gap / bare	Salvia gap / bare	Bromus edge / moss	Ono edge / moss	Salvia edge / moss	Bromus tuft / moss	Ono tuft / moss
emergence: autumn 1986																										
Nov. 86	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	**	-	-	-	-	-	-	+
Apr. 87 (1)	*	-	-	+	+	-	**	*	-	-	-	-	-	*	-	+	-	-	*	-	-	-	+	-	-	+
Apr. 87 (2)	*	-	-	+	+	-	*	*	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-	+
June 87	+	-	-	+	+	-	*	*	-	-	-	-	-	-	-	+	-	-	-	+	-	-	-	-	-	+
July 87	+	-	-	+	+	-	*	*	-	-	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	+
Aug. 87	+	-	-	+	+	-	*	*	-	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-	+
Sep. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
Oct. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Apr. 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
May 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
July 88 (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
July 88 (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+
emergence: autumn 1987																										
Oct. 87	*	-	-	*	*	+	**	*	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr. 88	*	-	-	*	*	-	**	*	-	*	*	*	-	*	-	-	-	-	**	**	**	**	-	-	*	**
May 88	*	+	-	*	*	-	**	**	-	*	*	*	-	+	-	-	-	-	**	*	**	**	-	-	+	*
July 88 (1)	*	+	-	*	*	+	**	**	-	*	*	-	-	+	+	-	-	-	**	*	**	**	-	-	+	*
July 88 (2)	*	+	-	*	*	+	**	**	-	*	*	-	-	-	-	-	-	-	**	*	**	**	-	-	+	**
Aug. 88	*	+	-	*	*	-	**	**	-	*	+	-	-	*	-	-	-	-	-	+	-	-	-	-	-	**
Oct. 88	*	+	-	*	*	-	**	**	-	+	+	-	-	*	-	-	-	-	-	-	-	+	+	-	-	**
Apr. 89	**	-	-	*	*	-	**	*	-	-	+	-	*	-	-	-	-	-	-	-	-	+	*	-	-	**

Table 20. Significance levels of differences between survivorship of *Linum catharticum* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1987																			
June 87	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-
Aug. 87	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
Sep. 87	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
Jan. 88	-	-	-	+	-	-	-	-	-	-	*	-	+	-	-	-	-	-	-
Apr. 88	-	-	-	+	-	-	-	-	-	*	*	-	+	-	-	-	-	-	-

Table 21. Significance levels of differences between death rates of *Linum catharticum* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1987																			
Apr. 87 - June 87	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-
June 87 - Aug. 87	-	-	-	-	-	+	-	-	-	-	-	-	+	-	-	-	-	-	-
Aug. 87 - Sep. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
Jan 88 - Apr. 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-

Table 22. Significance levels of differences between survivorship of *Medicago lupulina* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1987																				
June 87	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	*	-
Aug. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-
Sep. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-
Nov. 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-
Apr. 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-
emergence: spring 1988																				
July 88 (1)	-	-	+	-	*	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July 88 (2)	-	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep. 88	-	-	*	+	*	+	-	-	-	-	-	-	-	-	-	-	-	-	*	-

Table 23. Significance levels of differences between death rates of *Medicago lupulina* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1987																				
Apr. 87 - June 87	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*	-
June 87 - Aug 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
Oct. 87 - Apr. 88	-	-	-	-	-	-	*	-	-	-	+	-	-	-	-	-	*	-	-	-
emergence: spring 1988																				
May 88 - July 88	-	-	+	-	*	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July 88 - July 88	-	-	-	-	*	-	-	+	-	-	-	-	-	-	-	-	-	-	*	-
July 88 - Sep. 88	-	-	+	-	+	-	-	-	*	+	-	-	-	-	-	*	-	-	-	-

Table 26. Significance levels of differences between survivorship of *Primula veris* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1988																				
July 88 (1)	-	-	-	-	+	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
July 88 (2)	+	+	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
Aug. 88	-	+	-	-	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-
Oct. 88	-	+	-	+	-	*	*	-	*	**	**	*	-	-	-	-	*	**	*	-
May 89	-	+	-	*	*	*	*	-	*	+	-	-	-	-	-	-	*	+	+	+

Table 27. Significance levels of differences between death rates of *Primula veris* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1988																				
May 88 - July 88	-	-	-	-	+	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-
July 88 - July 88	-	-	-	-	+	-	-	-	-	+	-	*	-	-	-	-	-	**	*	-
July 88 - Aug. 88	-	+	-	-	-	-	*	-	-	*	-	*	-	-	-	-	-	*	*	-
Oct. 88 - May 89	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	+	-	*	-	-

Table 28. Significance levels of differences between survivorship of *Sanguisorba minor* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: spring 1987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep. 88	-	-	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-

Tab. 29. Significance levels of differences between death rates of *Sanguisorba minor* in different microsites.

** = p<0.01, * = p<0.05, + = p<0.10, - = non-significant, *Bro* = *Bromus*, *Ono* = *Onobrychis*, *Sal* = *Salvia*

	<i>Bromus</i> gap/edge gap/tuft edge/tuft	<i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Bromus</i> + <i>Ono</i> gap/edge gap/tuft edge/tuft	<i>Salvia</i> gap/edge	moss covered / bare	<i>Bro</i> gap / <i>Ono</i> gap	<i>Bro</i> edge / <i>Ono</i> edge	<i>Bro</i> tuft / <i>Ono</i> tuft	<i>Bro</i> gap / <i>Sal</i> gap	<i>Bro</i> edge / <i>Sal</i> edge	<i>Ono</i> gap / <i>Sal</i> gap	<i>Ono</i> edge / <i>Sal</i> edge	<i>Bromus</i> gap / bare	<i>Ono</i> gap / bare	<i>Salvia</i> gap / bare	<i>Bromus</i> edge / moss	<i>Ono</i> edge / moss	<i>Salvia</i> edge / moss	<i>Bromus</i> tuft / moss	<i>Ono</i> tuft / moss
emergence: autumn 1987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr. 88 - June 88	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-
emergence: spring 1988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
June 88 - July 88	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	*
July 88 - Sep. 88	-	-	+	-	*	-	-	-	-	-	-	**	-	-	-	-	-	**	-	-