

Sheet1

Appendix F. Representative Diatom counts for Mountain Lake core A (shallow).							
(diatoms/core/depth of subsample)	DA30	DA25	DA25	DA20	DA10	DA01	DA01
CYCLOTELLA							
C. meneghiniana	0	0	0	3	0	0	0
C. bodanica	0	1	0	1	0	0	1
C. stelligera	0	17	8	8	4	2	0
STEPHANODISCUS alpinus							
	0	0	0	2	10	4	0
SYNEDRA ulna							
	0	3	0	1	0	1	0
TABELLARIA							
T. fenestrata	0	26	15	12	10	6	2
T. fenestrata (ribbed)	0	0	13	15	4	6	0
T. synedra-like fenestrata	0	0	0	0	0	0	0
T. flocculosa	0	12	23	19	7	9	9
PINNULARIA							
P. cf gibba	0	1	3	5	0	1	3
P. (bulbous ends)	0	0	1	1	0	3	0
P. (heavy ribbed frag)	0	0	0	0	0	0	0
COCCONEIS placentula							
	0	5	1	5	16	24	15
EUNOTIA							
E. pectinalis undulata	0	0	1	0	0	0	0
E. pectinalis pectinalis	0	0	0	0	0	0	0
E. sera diadema	0	0	0	0	0	3	0
CYMBELLA							
C. lunaris	0	0	0	0	4	3	2
C. cuspidata							
C. naviculaformis	0	2	3	1	6	1	4
C. affinis	0	0	0	0	0	1	0
	0	0	1	5	5	9	10
GOMPHONEMA							
G. angustatum coronata							
G. angustatum turris/elong	0	0	0	0	0	0	1
G. angustatum capitata	0	2	1	3	2	8	11
	0	0	0	0	1	0	0
FRAGILLARIA (various forms)							
	0	3	17	16	50	32	41
STAURONEIS							
S. anceps							

Sheet1

S. phoenicentron	0	1	1	1	0	0	1
CALONEIS							
C. ventricosa	0	0	0	0	0	0	0
C. bacillum/limosa	0	0	0	0	0	0	1
	0	0	0	1	0	3	1
NAVICULA							
N. sinuata	0	0	0	0	0	0	0
N. (small forms)	0	0	0	0	0	0	0
N. (undulose forms)	0	0	0	0	0	0	0
NITZCHIA (acicular frags)	0	1	1	0	0	1	0
DIATOMA ?	0	1	1	3	9	0	3
MELOSIRA italica	0	0	2	2	3	0	2
(small, bulbous end)	0	0	0	0	0	0	0
OTHER	0	27	6	0	0	0	9
total COUNT	0	102	98	104	131	117	116
Deep total count	0	59	59	61	35	28	12
Shallow total count	0	43	39	43	96	89	104
deep to shallow ratio	0	1.372	1.513	1.419	0.365	0.315	0.115