

Sheet1

Appendix L. Diatom counts for Mountain Lake core D (intermediate plateau in mid-lake lake)								
(diatoms/core/depth of subsample)	DD55	DD53	DD45	DD42	DD34	DD31	DD28	DD20
CYCLOTELLA								
C. meneghiniana	0	0	0	0	0	0	0	0
C. bodanica	0	0	0	0	0	0	0	0
C. stelligera	0	0	0	0	0	0	0	0
C. (pores)	7	7	10	5	6	4	0	1
STEPHANODISCUS alpinus								
	0	0	0	0	0	0	0	0
	0							
SYNEDRA ulna	27	4	0	2	0	1	0	0
TABELLARIA								
T. fenestrata	3	9	20	2	0	2	0	2
T. fenestrata (ribbed)	9	8	12	5	0	2	0	1
T. synedra-like fenestrata	0	6	0	0	0	0	0	0
T. flocculosa	20	14	8	7	0	0	0	0
PINNULARIA								
P. cf gibba	0	6	7	1	5	4	0	0
P. (bulbous ends)	0	0	0	0	0	0	0	0
P. (heavy ribbed frag)	0	1	3	0	0	0	0	3
COCCONEIS placentula								
	0	0	0	0	0	0	0	0
EUNOTIA								
E. undulata	0	0	0	0	0	0	0	0
E. pectinalis	0	0	0	0	0	0	0	0
E. sera diadema	0	0	0	0	0	0	0	0
CYMBELLA								
C. lunaris	5	0	9	2	1	0	0	0
C. cuspidata	0	0	0	1	0	0	0	0
C. naviculaformis	0	0	2	0	0	0	0	0
C. affinis	0	1	0	0	0	0	0	0
GOMPHONEMA								
G. angustatum coronata	0	0	0	3	0	0	0	0
G. angustatum turris/elong	0	0	0	1	0	0	0	0
G. angustatum capitata	0	0	0	0	0	0	0	0
FRAGILLARIA (various forms)								
	0	2	1	2	0	0	0	0
STAURONEIS								

Sheet1

S. anceps	0	0	0	0	0	0	0	0
S. phoenicentron	0	0	0	0	0	0	0	0
CALONEIS								
C. ventricosa	0	9	0	3	0	0	0	0
C. bacillis/limosa	0	3	0	1	0	0	0	0
NAVICULA								
N. cf. gracile	3	1	2	1	0	0	0	0
N. rhyncocephala	0	0	0	0	0	0	0	0
N. (undulose)	0	0	0	0	0	0	0	0
NITZCHIA (acicular frags)	0	0	0	0	0	0	0	0
DIATOMA?	1	3	33	17	0	0	0	0
MELOSIRA italica	1	0	0	0	0	0	0	0
(small, bulbous end)	0	0	0	0	0	0	0	0
OTHER	1	4	0	0	0	0	0	0
total COUNT	77	78	107	53	12	13	0	7
Deep total count	66	48	50	21	6	9	0	4
Shallow total count	10	26	57	32	6	4	0	3
deep to shallow ratio	6.6	1.846	0.877	0.656	1	2.25	#####	1.333

DD17	DD15	DD10
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
#####	#####	#####