Appendix R. Diatom counts for Mountain Lake core G (deep end of lake).								
(diatoms/core/depth of subsample)	DG50	DG45	DG40	DG37	DG30	DG27	DG25	DG20
CYCLOTELLA								
C. meneghiniana	0	0	0	0	0	0	0	0
C. bodanica	4	0	5	0	0	0	0	0
C. stelligera	0	0	3	0	0	0	0	8
C. ocellata	0	3	0	5	0	0	0	0
C. (pores)	0	0	2	0	2	0	0	22
STEPHANODISCUS alpinus	0	0	0	0	0	0	0	0
SYNEDRA ulna	4	3	30	4	2	0	0	2
TABELLARIA								
T. fenestrata	0	20	15	10	1	0	0	7
T. fenestrata (ribbed)	15	20	0	18	7	0	0	7
T.synedra-like fenestrata	30	40	5	2	0	0	0	19
T. flocculosa	3	0	4	7	1	0	0	7
PINNULARIA			1					
P. cf gibba	26	7	8	11	0	0	0	1
P. (bulbous ends)	2	0	0	0	0	0	0	0
P. (heavy ribbed frag)	6	0	4	5	0	0	0	0
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	2	0	0	0	0	0
E. sera diadema	0	0	0	0	0	0	0	0
CYMBELLA								
C. lunaris	0	0	1	2	0	0	0	1
C. cuspidata	0	1	1	0	0	0	0	0
C. naviculaformis	2	1	0	0	0	0	0	0
C. affinis	0	0	0	0	0	0	0	0
GOMPHONEMA			3					
G. angustatum coronata	0	0	2	0	0	0	0	0
G. angustatum turris/elong	0	1	1	0	0	0	0	0
G. angustatum capitata	0	0	4	1	0	0	0	0
FRAGILLARIA (various forms)	3	0	3	2	0	0	0	11

STAURONEIS								
S. anceps	0	0	0	0	0	0	0	0
S. phoenicentron	0	0	0	0	0	0	0	0
CALONEIS								
C. ventricosa	0	0	1	1	0	0	0	1
C. bacillis/limosa	0	1	0	0	0	0	0	0
NAVICULA								
N. cf. gracile	0	0	2	0	0	0	0	0
N. rhyncocephala	0	0	0	0	0	0	0	0
N. (undulose)	0	0	1	0	0	0	0	1
NITZCHIA (acicular frags)	0	1	1	0	0	0	0	0
DIATOMA ?	5	4	10	35	2	0	0	15
MELOSIRA italica	0	0	0	1	0	0	0	0
(small, bulbous end)	0	0	0	0	0	0	0	0
OTHER	0	4	1	0	0	0	0	0
total COUNT	100	106	110	104	15	0	0	102
Deep total count	56	86	64	46	13	0	0	72
Shallow total count	44	16	45	58	2	0	0	30
deep to shallow ratio	1.273	5.375	1.422	0.793	6.5	#####	#####	2.4

DG15	DG10	DG05
0	0	0
0	0	4
2	0	25
0	0	0
60	75	2
0	0	34
0	0	0
13	5	11
2	0	1
1	0	0
2	3	6
1	0	3
0	0	2
0	3	0
0	0	0
0	1	1
0	0	0
0	0	0
2	0	0
0	0	2
0	0	0
1	0	0
0	0	0
0	3	0
0	0	2
8	3	2

0	0	1
0	0	1
2	0	0
0	0	0
3	0	0
0	0	0
0	0	3
2	0	0
5	3	6
2	0	0
0	0	0
2	7	0
108	103	106
80	83	83
26	13	23
3.077	6.385	3.609