APPENDIX III

POLLEN ANALYTICAL DATA

TABLE III.1. Pollen and spore counts from contemporary surface samples

	TYPHA	PANDA	SPARG	GRAM1	GRAM2	GRAM3	GRAM4	GRAM5	CYPA1	CYPA2	CYPB1	CYPB2	CYPCI	HYPOL	PALMA
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
SQ 40	0	1	0	0	2	4	1	0	0	0	7	1	1	79	0
SQ 50	0	0	0	0	1	2	2	0	0	0	2	2	0	0	0
SQ 51	0	0	0	1	16	5	4	0	0	0	1	3	0	1	0
SS 13-15	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
SS 18	0	0	0	0	0	2	6	7	0	0	1	0	0	0	0
SS 20	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0
SS 22	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
SS 23	0	0	0	0	2	7	2	1	14	0	29	0	5	6	0
SS 27+28	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0
LWMC3 SS	0	6	0	1	12	7	5	7	0	0	4	34	1	260	0
YANMC1 SS	0	13	0	0	0	11	6	6	0	0	2	1	0	0	0

	METRO	CALAM	NORMA	ARENG	COLOC	FLAGE	LILIA	CASUA	ENGEL	NOTHO	CASTA	CELTI	TREMA	APHAN	URMO2
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2
SS 13-15	0	0	4	0	0	0	1	0	0	0	0	1	1	0	0
SS 18	0	2	6	0	0	2	26	0	0	0	3	0	0	0	0
SS 20	0	0	0	0	0	2	0	3	0	7	167	4	2	0	3
SS 22	0	0	0	0	0	0	1	1	0	1	30	5	15	0	0
SS 23	0	0	0	0	0	1	8	0	0	0	1	0	0	0	3
SS 27+28	0	0	0	0	0	3	0	0	0	1	0	1	0	0	0
LWMC3 SS	0	1	0	0	0	1	1	0	0	0	0	2	1	0	0
YANMC1 SS	0	3	0	0	0	5	1	1	0	1	1	4	3	0	13

	URMO3	STREP	PILEA	HELIC	RUMEX	MUEHL	NELUM	STEPJ	HYPSE	TINOS	CANAN	TRIME	NEPEN	QUINT	POLYO
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SQ 51	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 18	2	0	3	0	0	0	0	2	0	0	2	0	0	0	0
SS 20	10	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SS 22	7	2	0	2	0	0	0	0	0	0	0	0	0	0	0
SS 23	11	0	0	0	0	3	0	0	0	0	0	0	0	0	0
SS 27+28	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0
LWMC3 SS	11	3	0	0	0	0	0	0	0	0	0	1	0	0	0
YANMC1 SS	35	5	0	0	0	0	0	0	0	1	0	0	0	0	0

	WEINM	SPIRA	ACAEN	PARIN	LEGPB	LEGPD	VANDA	CROTA	RUTAR	EVODI	EUPHT	EUPHO	EUPHA	EUPHI	MALLO
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SS 13-15	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0
SS 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 22	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
SS 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 27+28	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LWMC3 SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YANMC1 SS	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0

TABLE III.1. (Cont.)

	MACMA	CLAOX	PHYLA	ACALY	GLOCH	MACAR	MACOV	ANTID	APORO	MELAN	BISCH	ENDOS	CLEID	ANACA	RHUST
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SQ 50	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SQ 51	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0
SS 13-15	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
SS 18	9	0	0	0	0	0	0	0	2	0	0	0	0	0	0
SS 20	26	0	0	0	0	0	0	0	4	0	0	0	0	0	0
SS 22	10	1	0	1	0	0	0	0	0	0	0	0	0	0	0
SS 23	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SS 27+28	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0
LWMC3 SS	1	0	0	0	0	10	0	2	0	0	0	0	0	0	0
YANMC1 SS	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2

	ILEXA	SPHEN	POLYP	STEMO	PLATE	DODON	GANOP	TRIST	RHAMN	FLACO	MICRO	TRICO	BRACH	KLEIN	STERC
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SS 20	1	0	1	0	0	0	0	1	0	0	0	0	0	2	0
SS 22	1	9	0	0	0	0	0	0	0	27	0	0	0	0	0
SS 23	12	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SS 27+28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LWMC3 SS	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
YANMC1 SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	STERE	TETRA	ANISO	DRIMY	TRICA	OCTOM	SONNE	BARRI	RHIZO	COMEL	MYRTA	POIKI	HALOR	BOERL	EPACR
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
SS 18	0	0	0	0	0	1	0	11	0	2	0	0	0	0	0
SS 20	0	0	1	0	0	1	0	0	0	0	4	0	0	0	0
SS 22	0	0	1	0	0	2	0	0	1	0	9	0	0	0	0
SS 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 27+28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LWMC3 SS	0	0	0	0	0	9	0	0	0	0	1	1	0	0	0
YANMC1 SS	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0

	RAPAN	MYRSI	PLANC	PALAQ	DIOSP	SYMPL	OLEAS	NYMPH	ALYXI	EVOLV	ECHIP	VERBI	VITEX	DYSOP	PLANT
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 18	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
SS 20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
SS 22	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
SS 23	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0
SS 27+28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LWMC3 SS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
YANMC1 SS	0	0	0	9	0	0	0	1	0	1	0	0	0	0	0

	TIMON	GARDE	MORIN	NAUCL	UNCAR	COMPT	PODOC	PHYLO	DACRY	GNETU	UK274	UK156	UK292	MONPU	UK235
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	2	0	0	2	0	0	1	0	6	0	0	0	0	0
SS 18	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0
SS 20	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0
SS 22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
SS 23	0	0	0	0	11	0	2	1	0	0	0	0	0	0	1
SS 27+28	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
LWMC3 SS	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0
YANMC1 SS	0	0	0	8	0	23	0	1	0	0	0	0	0	0	0

TABLE III.1. (Cont.)

	UK293	TRICU	UK194	UK109	UK104	UK060	3CPAU	UK079	UK119	UK174	3CPBU	UK123	UK221	UK218	3CPCU
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SS 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 23	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
SS 27+28	0	0	250	0	0	0	0	0	0	0	0	0	0	0	0
LWMC3 SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YANMC1 SS	0	2	51	0	0	0	0	0	0	0	0	0	0	0	0

	UK309	UK310	3CPDU	3CPEU	UK106	STCPU	UK279	DIPOU	UK147	TRIPU	STEPU	UK290	LYCOC	LYCOV	LYCOS
SQ 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
SQ 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 13-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SS 20	0	0	15	0	7	0	0	0	0	0	0	1	0	0	0
SS 22	0	0	1	0	347	0	0	0	0	0	0	0	0	0	0
SS 23	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0
SS 27+28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LWMC3 SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YANMC1 SS	1	7	0	0	0	0	0	0	0	0	0	0	0	1	0

	LYGOD	ANEMI	PTERI	ADIAN	HISTI	DAVAL	NEPHR	ARTHR	CYAT1	CYAT2	CYCLA	CYCLO	CYCLT	ASPLE	TECTA
SQ 35	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0
SQ 40	0	0	0	0	0	1	247	0	0	0	0	0	0	0	0
SQ 50	0	0	0	0	0	2	4	0	1	0	0	0	0	0	0
SQ 51	0	0	0	0	0	1	1	0	2	1	0	3	0	0	0
SS 13-15	0	0	0	0	0	2	17	0	2	4	0	16	0	8	0
SS 18	0	0	2	0	7	0	3	5	4	2	0	10	0	13	0
SS 20	0	0	0	0	3	8	0	0	9	0	0	8	1	2	0
SS 22	0	0	0	4	0	4	0	0	0	1	0	2	0	1	0
SS 23	0	0	0	0	0	0	4	0	5	0	0	5	0	3	0
SS 27+28	0	0	1	0	0	0	0	0	3	0	0	3	0	1	0
LWMC3 SS	0	0	0	0	0	0	9	0	1	0	0	1	0	1	0
YANMC1 SS	0	0	0	0	2	0	0	0	1	0	1	0	0	2	0

	STENA	STENL	STENO	MICSO	MONLS	MONLL	UK019	MONLU	UK312	UK170	UK172	TRILU	UNCAT	INDET	SUMPS *
SQ 35	0	0	1	5	21	3	0	0	0	0	0	0	0	3	85
SQ 40	0	1	88	0	61	28	0	0	0	0	0	0	0	26	559
SQ 50	0	0	47	0	0	2	0	0	0	0	0	0	0	5	76
SQ 51	0	0	75	0	0	7	0	0	0	0	0	0	0	2	139
SS 13-15	0	0	0	1	15	38	0	1	16	0	0	0	0	4	165
SS 18	0	11	2	0	4	38	0	1	0	0	0	0	0	20	215
SS 20	0	0	0	0	9	8	0	2	0	0	0	0	0	55	411
SS 22	0	0	0	0	0	5	0	1	0	1	0	2	0	32	539
SS 23	1	0	2	0	15	16	0	0	0	0	0	2	0	33	249
SS 27+28	0	0	2	0	3	4	0	0	3	0	0	0	0	11	314
LWMC3 SS	0	0	28	0	13	7	0	0	0	0	0	1	0	34	496
YANMC1 SS	0	0	2	0	0	0	0	0	0	0	0	0	0	17	257

* SUMPS = sum total of counts for all pollen and spore taxa, including uncategorised and indeterminable palynomorphs.

TABLE III.2. Pollen and spore counts from pollen traps

	TYPHA	PANDA	SPARG	GRAM1	GRAM2	GRAM3	GRAM4	GRAM5	CYPA1	CYPA2	CYPB1	CYPB2	CYPC1	HYPOL	PALMA
PT 1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
PT 4	0	0	0	0	1	3	0	3	0	0	0	0	0	0	1
PT 5	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0

	METRO	CALAM	NORMA	ARENG	COLOC	FLAGE	LILIA	CASUA	ENGEL	NOTHO	CASTA	CELTI	TREMA	APHAN	URMO2
PT 1	0	0	0	0	0	10	0	6	0	0	265	5	3	0	11
PT 4	0	0	0	3	0	4	0	1	0	0	0	361	0	0	60
PT 5	0	0	0	0	0	1	0	0	0	0	0	0	1	0	4
PT 6	0	0	0	0	0	0	0	2	0	2	0	1	1	0	0

	URMO3	STREB	PILEA	HELIC	RUMEX	MUEHL	NELUM	STEPJ	HYPSE	TINOS	CANAN	TRIME	NEPEN	QUINT	POLYO
PT 1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4
PT 4	14	28	0	0	0	0	0	1	0	2	0	0	0	0	0
PT 5	2	1	0	0	0	0	0	0	235	0	0	0	0	0	0
PT 6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	WEINM	SPIRA	ACAEN	PARIN	LEGPB	LEGPD	VANDA	CROTA	RUTAR	EVODI	EUPHT	EUPHO	EUPHA	EUPHI	MALLO
PT 1	4	2	0	0	0	0	0	1	0	0	0	0	1	0	0
PT 4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
PT 5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	368
PT 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

	MACMA	CLAOX	PHYLA	ACALY	GLOCH	MACAR	MACOV	ANTID	APORO	MELAN	BISCH	ENDOS	CLEID	ANACA	RHUST
PT 1	0	0	0	0	0	18	200	0	62	0	0	0	0	4	0
PT 4	0	0	0	0	0	9	0	0	45	0	0	2	1	0	0
PT 5	9	0	0	0	0	3	0	1	0	134	0	0	0	0	0
PT 6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	ILEXA	SPHEN	POLYP	STEMO	PLATE	DODON	GANOP	TRIST	RHAMN	ELAEO	MICRO	TRICO	PRACH	KLEIN	STERC
PT 1	0	0	0	1	49	0	0	0	1	13	0	0	0	0	0
PT 4	0	0	0	1	0	0	1	72	0	1	0	0	0	11	0
PT 5	0	0	0	0	0	0	218	0	0	0	0	0	0	0	7
PT 6	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0

TABLE III.2. (Cont.)

	STERE	TETRA	ANISO	DRIMY	TRICA	OCTOM	SONNE	PARRI	RHIZO	COMEL	MYRTA	POIKI	HALOR	ROERL	EPACR
PT 1	0	60	0	0	0	2	0	0	0	0	1	0	0	0	0
PT 4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT 5	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

	RAPAN	MYRSI	PLANC	PALAQ	DIOSP	SYMPL	OLEAS	NYMPH	ALYXI	EVOLV	ECHIP	VERBI	VITEX	DYSOP	PLANT
PT 1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0
PT 4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
PT 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	TIMON	GARDE	MORIN	NAUCL	UNCAR	COMPT	PODOC	PHYLO	DACRY	GNETU	UK274	UK156	UK292	MONPU	UK235
PT 1	0	0	0	1	0	0	0	0	0	0	0	0	0	7	0
PT 4	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0
PT 5	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	UK293	TRICU	UK194	UK109	UK104	UK060	3CPAU	UK079	UK119	UK174	3CPBU	UK123	UK221	UK218	3CPCU
PT 1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT 5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

	UK309	UK310	3CPDU	3CPEU	UK106	STCPU	UK279	DIPOU	UK147	TRIPU	STEPU	UK290	LYCOC	LYCOV	LYCOS
PT 1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0
PT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	LYGOD	ANEMI	PTERI	ADIAN	HISTI	DAVAL	NEPHR	ARTHR	CYAT1	CYAT2	CYCLA	CYCLO	CYCLT	ASPLE	TECTA
PT 1	0	0	0	0	0	6	0	0	0	0	0	4	0	2	0
PT 4	0	0	0	1	0	1	1	0	2	1	0	1	0	1	0
PT 5	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
PT 6	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0

	STENA	STENL	STENO	MICSO	MONLS	MONLL	UK019	MONLU	UK312	UK170	UK172	TRILU	UNCAT	INDET	SUMPS
PT 1	0	0	2	0	1	14	0	0	0	0	0	13	0	62	849
PT 4	0	0	0	0	0	0	0	0	0	0	0	0	0	18	664
PT 5	0	0	0	0	2	1	0	0	0	0	0	0	0	27	1031
PT 6	0	0	2	0	0	0	0	0	0	1	0	0	0	7	35

TABLE III.3. Pollen and spore counts from Yanamugi core YAN 2

		TYPHA	PANDA	SPARG	GRAM1	GRAM2	GRAM3	GRAM4	GRAM5	CYPA1	CYPA2	CYPB1	CYPB2	CYPCI	HYPOL	PALMA
YAN 2	120	0	0	0	0	5	6	6	0	0	0	2	3	0	0	0
YAN 2	160	0	0	0	0	3	7	6	0	0	0	2	0	0	0	0
YAN 2	200	0	0	0	0	12	22	15	10	0	0	0	1	0	0	0
YAN 2	240	7	0	0	1	3	8	2	3	0	0	0	1	0	0	0
YAN 2	320	0	1	0	0	5	8	2	11	0	0	0	1	0	0	0
YAN 2	400	0	1	0	0	2	4	1	9	0	0	0	0	0	0	0
YAN 2	476	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	2	5	0	8	0	0	1	0	0	0	0
YAN 2	710	0	0	0	0	0	1	4	0	0	0	0	3	0	0	0
YAN 2	750	0	0	0	0	0	4	2	2	0	0	0	1	0	0	0
YAN 2	790	0	0	0	0	0	5	1	3	0	0	0	0	0	0	0
YAN 2	830	0	3	0	0	0	2	5	1	3	0	0	1	0	2	0
YAN 2	870	0	2	0	0	0	0	4	2	3	0	0	2	0	1	0
YAN 2	910	0	1	0	0	1	0	4	4	0	0	0	0	0	0	0
YAN 2	950	0	0	0	0	0	8	11	5	0	0	0	0	0	0	0
YAN 2	990	0	0	0	0	1	2	2	2	0	0	0	1	0	0	0
YAN 2	1030	0	2	0	2	1	2	2	1	0	0	2	0	4	0	0
YAN 2	1070	0	0	0	0	0	5	4	1	0	0	0	0	0	0	0
YAN 2	1110	1	0	0	0	1	3	3	0	0	0	0	1	1	0	0
YAN 2	1150	2	0	0	0	1	1	1	0	0	0	0	21	0	0	0

		METRO	CALAM	NORMA	ARENG	COLOC	FLAGE	LILIA	CASUA	ENGEL	NOTHO	CASTA	CELTI	TREMA	APHAN	URMO2
YAN 2	120	0	0	0	0	0	1	0	0	0	0	0	3	1	0	0
YAN 2	160	0	0	0	0	0	2	70	0	0	1	0	0	3	0	0
YAN 2	200	0	0	0	0	0	1	2	0	0	0	0	4	7	0	4
YAN 2	240	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0
YAN 2	320	0	0	0	1	0	1	0	0	0	1	0	1	9	0	3
YAN 2	400	0	0	0	0	0	1	2	0	0	1	0	2	4	0	4
YAN 2	476	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
YAN 2	640	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3
YAN 2	670	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
YAN 2	710	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
YAN 2	750	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
YAN 2	790	0	0	0	0	0	0	0	1	0	0	0	2	5	0	2
YAN 2	830	0	0	0	0	0	1	0	1	1	3	0	1	2	0	0
YAN 2	870	0	0	0	0	0	0	6	1	0	0	0	0	5	0	5
YAN 2	910	1	0	0	0	0	0	0	1	0	0	0	0	5	0	0
YAN 2	950	0	0	0	0	0	0	0	0	0	0	0	3	4	0	5
YAN 2	990	0	0	0	0	0	0	0	1	1	0	0	2	9	1	5
YAN 2	1030	0	0	0	0	0	0	0	0	0	12	0	3	0	0	3
YAN 2	1070	0	0	0	0	0	0	0	0	0	2	0	6	4	0	1
YAN 2	1110	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1
YAN 2	1150	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0

		URMO3	STREB	PILEA	HELIC	RUMEX	MUEHL	NELUM	STEPJ	HYPSE	TINOS	CANAN	TRIME	NEPEN	QUINT	POLYO
YAN 2	120	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	160	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	200	4	0	0	0	0	1	0	0	0	0	0	0	0	1	0
YAN 2	240	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	320	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	400	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	710	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	830	13	0	0	0	0	1	0	0	0	0	0	0	0	0	0
YAN 2	870	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	910	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	950	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	990	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1030	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
YAN 2	1070	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1110	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE III.3. (Cont.)

		WEINM	SPIRA	ACAEN	PARIN	LEGPB	LEGPD	VANDA	CROTA	RUTAR	EVODI	EUPHT	EUPHO	EUPHA	EUPHI	MALLO
YAN 2	120	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
YAN 2	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAN 2	200	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
YAN 2	240	0	5	0	0	0	3	0	0	0	0	0	0	0	0	0
YAN 2	320	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	400	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0
YAN 2	476	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	830	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4
YAN 2	870	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
YAN 2	910	0	1	1	0	3	0	0	0	0	0	0	1	0	0	2
YAN 2	950	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	990	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	1030	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
YAN 2	1070	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1
YAN 2	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0

		MACMA	CLAOX	PHYLA	ACALY	GLOCH	MACAR	MACOV	ANTID	APORO	MELAN	PISCH	ENDOS	CLEID	ANACA	RHUST
YAN 2	120	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
YAN 2	160	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
YAN 2	200	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
YAN 2	240	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0
YAN 2	320	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0
YAN 2	400	0	0	0	1	0	6	0	0	0	0	0	0	1	0	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	6	0	0	0	0	0	0	1	0	4
YAN 2	710	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0
YAN 2	750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0
YAN 2	830	0	1	0	5	0	13	0	1	0	0	1	0	0	0	0
YAN 2	870	0	0	0	0	0	5	0	0	0	0	0	0	0	0	1
YAN 2	910	0	0	0	0	0	6	0	2	0	1	4	0	0	0	0
YAN 2	950	2	0	1	0	0	7	0	0	0	0	0	0	0	0	1
YAN 2	990	0	1	0	0	0	4	0	0	0	0	1	0	0	0	0
YAN 2	1030	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0
YAN 2	1070	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
YAN 2	1110	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		ILEXA	SPHEN	POLYP	STEMO	PLATE	DODON	GANOP	THIST	RHAMN	ELAEO	MICRO	TRICO	BRACH	KLEIN	STERC
YAN 2	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	240	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
YAN 2	320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	400	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
YAN 2	710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	870	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	910	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0
YAN 2	950	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
YAN 2	990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1070	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE III.3. (Cont.)

		STERE	TETRA	ANISO	DRIMY	TRICA	OCTOM	SONNE	BARRI	RHIZO	COMEL	MYRTA	POIKI	HALOR	BOERL	EPACR
YAN 2	120	0	0	0	0	0	5	0	0	0	2	0	1	0	0	0
YAN 2	160	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
YAN 2	200	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
YAN 2	240	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	320	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0
YAN 2	400	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAN 2	640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	710	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	790	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0
YAN 2	830	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
YAN 2	870	0	0	1	0	0	6	0	0	0	0	1	0	0	0	0
YAN 2	910	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0
YAN 2	950	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
YAN 2	990	1	0	0	0	0	2	0	0	0	0	2	0	0	0	0
YAN 2	1030	0	0	0	3	0	3	0	0	0	0	1	0	3	0	3
YAN 2	1070	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
YAN 2	1110	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1

		RAPAN	MYRSI	PLANC	PALAQ	DIOSP	SYMPL	OLEAS	NYMPH	ALYXI	EVOLV	ECHIP	VERBI	VITEX	DYSOP	PLANT
YAN 2	120	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
YAN 2	160	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
YAN 2	200	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
YAN 2	240	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
YAN 2	320	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	400	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
YAN 2	476	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
YAN 2	640	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
YAN 2	710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
YAN 2	790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	830	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
YAN 2	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAN 2	910	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAN 2	990	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1070	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0

		TIMON	GARDE	MORIN	NAUCL	UNCAR	COMPT	PODOC	PHYLO	DACRY	GNETU	UK274	UK156	UK292	MONPU	UK235
YAN 2	120	0	0	0	39	4	0	0	0	0	0	0	0	0	0	0
YAN 2	160	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0
YAN 2	200	1	0	0	4	4	0	1	0	0	0	0	0	0	0	0
YAN 2	240	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0
YAN 2	320	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0
YAN 2	400	3	0	0	22	0	0	0	0	0	0	0	0	0	0	0
YAN 2	476	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
YAN 2	640	0	0	0	3	0	0	1	1	0	0	0	0	0	0	1
YAN 2	670	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0
YAN 2	710	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	1	0	0	4	0	1	0	0	0	0	0	0	0	0	0
YAN 2	830	0	0	0	9	1	0	0	3	1	0	0	1	0	0	0
YAN 2	870	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0
YAN 2	910	1	0	0	6	0	0	0	0	0	0	0	0	0	0	0
YAN 2	950	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
YAN 2	990	0	0	0	0	0	0	1	3	0	0	0	1	0	0	0
YAN 2	1030	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0
YAN 2	1070	0	0	0	11	2	0	0	1	0	0	0	0	0	0	0
YAN 2	1110	0	0	0	102	4	0	0	0	0	0	0	1	0	0	0
YAN 2	1150	0	0	0	0	1	0	0	2	0	0	0	1	0	0	0

TABLE III.3. (Cont.)

		UK293	TRICU	UK194	UK109	UK104	UK060	3CPAU	UK079	UK119	UK174	3CPBU	UK123	UK221	UK218	3CPCU
YAN 2	120	0	1	8	0	0	0	1	0	0	0	0	0	0	0	0
YAN 2	160	0	1	9	0	0	0	0	0	0	0	4	0	0	0	0
YAN 2	200	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	240	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0
YAN 2	320	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0
YAN 2	400	0	0	6	0	0	0	0	0	0	0	1	0	1	1	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	0	0	9	0	0	0	0	0	0	0	1	0	0	0	0
YAN 2	830	0	0	5	0	0	0	1	0	0	0	0	0	0	1	0
YAN 2	870	0	1	4	0	0	0	0	0	0	0	2	0	0	0	0
YAN 2	910	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	950	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
YAN 2	990	0	0	4	0	0	0	0	0	0	1	0	0	0	0	1
YAN 2	1030	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1070	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1110	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		UK309	UK310	3CPDU	3CPEU	UK106	STCPU	UK279	DIPOU	UK147	TRIPU	STEPU	UK290	LYCOC	LYCOV	LYCOS
YAN 2	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	240	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	320	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
YAN 2	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	640	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	710	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
YAN 2	750	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	790	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	830	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
YAN 2	870	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
YAN 2	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	950	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
YAN 2	990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
YAN 2	1030	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
YAN 2	1070	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YAN 2	1150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE III.3. (Cont.)

	LYGOD	ANEMI	PTERI	ADIAN	HISTI	DAVAL	NEPHR	ARTHR	CYAT1	CYAT2	CYCLA	CYCLO	CYCLT	ASPLE	TECTA
YAN 2 120	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
YAN 2 160	0	0	0	0	0	0	12	0	0	0	0	1	0	0	0
YAN 2 200	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0
YAN 2 240	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0
YAN 2 320	0	0	1	0	0	0	0	0	0	1	0	2	0	0	0
YAN 2 400	0	0	0	0	0	1	1	0	1	1	0	2	0	0	0
YAN 2 476	0	0	0	0	0	0	1	0	2	0	0	0	0	1	0
YAN 2 520	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
YAN 2 560	0	0	0	0	0	0	0	0	3	2	0	1	0	0	0
YAN 2 640	0	0	1	0	0	2	1	0	5	2	1	0	0	3	0
YAN 2 670	0	0	0	0	0	0	2	0	1	0	0	0	0	4	0
YAN 2 710	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0
YAN 2 750	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0
YAN 2 790	0	0	0	1	0	0	1	0	0	2	0	0	0	5	0
YAN 2 830	0	0	1	0	0	2	1	0	14	2	0	4	2	3	0
YAN 2 870	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
YAN 2 910	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0
YAN 2 950	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
YAN 2 990	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
YAN 2 1030	0	0	2	0	0	8	0	0	20	0	0	0	1	2	1
YAN 2 1070	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0
YAN 2 1110	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
YAN 2 1150	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0

	STENA	STENL	STENO	MICSO	MONLS	MONLL	UK019	MONLU	UK312	UK170	UK172	TRILU	UNCAT	INDET	SUMPS
YAN 2 120	0	0	0	0	0	0	0	0	0	0	0	0	0	13	124
YAN 2 160	0	0	1	7	2	2	0	0	0	0	0	0	0	8	186
YAN 2 200	0	0	4	9	0	1	0	0	0	0	0	1	0	5	139
YAN 2 240	0	0	2	21	0	3	0	0	0	0	0	1	0	9	108
YAN 2 320	0	0	0	0	0	1	0	0	0	0	0	0	0	8	86
YAN 2 400	0	0	0	1	0	2	0	0	0	1	0	0	0	4	121
YAN 2 476	0	0	0	2	2	1	0	0	0	0	0	0	0	4	25
YAN 2 520	0	0	0	0	0	1	0	0	0	0	0	0	0	5	12
YAN 2 560	0	0	0	1	1	1	0	0	0	0	0	0	0	3	13
YAN 2 640	0	0	0	0	0	4	0	0	0	0	0	1	0	18	53
YAN 2 670	0	0	0	1	2	9	0	0	0	0	0	1	0	12	85
YAN 2 710	0	0	0	0	0	3	0	0	0	0	0	0	0	5	34
YAN 2 750	0	0	0	0	1	2	0	0	0	0	0	0	0	8	35
YAN 2 790	0	0	0	1	1	3	0	0	0	0	0	1	0	9	63
YAN 2 830	0	0	0	0	2	8	0	0	2	0	0	0	0	30	179
YAN 2 870	0	0	0	8	1	4	0	0	0	0	0	1	1	8	103
YAN 2 910	0	0	1	0	2	7	0	0	0	0	0	0	0	11	102
YAN 2 950	0	0	0	0	0	3	0	0	2	0	0	0	0	7	69
YAN 2 990	0	0	0	0	0	1	0	0	2	0	0	0	0	10	77
YAN 2 1030	0	0	0	0	6	18	0	0	1	0	0	0	1	32	209
YAN 2 1070	0	0	0	3	4	0	0	0	0	0	0	0	0	5	80
YAN 2 1110	0	0	0	4	0	0	0	0	0	0	0	1	0	6	171
YAN 2 1150	0	0	0	6	2	4	0	0	0	0	0	10	0	16	80

TABLE III.4. Pollen and spore counts from Lake Wanum Core LW II

			TYPHA	PANDA	SPARG	GRAM1	GRAM2	GRAM3	GRAM4	GRAM5	CYPA1	CYPA2	CYPB1	CYPB2	CYPCI	HYPOL	PALMA
LW	II	644	0	0	0	10	46	1	0	0	4	0	12	0	0	4	0
LW	II	685	18	2	0	27	20	2	3	4	8	0	62	0	5	15	0
LW	II	730	9	1	0	2	7	2	2	9	3	0	2	0	1	28	0
LW	II	790	11	3	0	0	4	5	3	8	1	0	5	0	1	17	0
LW	II	870	5	0	0	0	1	1	5	3	1	0	5	0	0	7	0
LW	II	910	0	0	0	4	26	3	2	1	1	0	2	0	0	5	0
LW	II	1010	0	1	0	0	0	2	0	4	0	0	2	0	0	8	0
LW	II	1050	0	1	0	0	2	0	0	2	0	0	1	0	2	135	0
LW	II	1110	0	0	0	0	0	4	0	2	0	0	1	1	0	8	0
LW	II	1191	6	0	0	1	0	1	3	0	4	0	5	0	13	14	0
LW	II	1310	0	0	0	0	0	1	0	0	0	0	1	0	0	4	0
LW	II	1346	0	0	0	0	1	1	1	5	0	0	17	0	0	66	0
LW	II	1410	0	0	0	0	1	0	1	0	0	0	0	0	0	33	0
LW	II	1490	2	0	0	25	60	18	26	0	4	0	20	0	31	86	0
LW	II	1530	1	1	0	3	11	4	14	0	2	0	8	0	5	67	0
LW	II	1610	0	1	0	0	25	22	5	19	0	0	3	0	0	6	0
LW	II	1730	0	0	0	0	1	1	1	0	0	0	2	0	4	78	0
LW	II	1750	0	0	0	0	0	2	0	0	0	0	0	0	0	309	0
LW	II	1770	0	0	0	0	4	3	8	2	0	0	7	0	6	54	0
LW	II	1810	0	1	0	1	1	0	1	1	0	0	14	0	2	122	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	2	0	0	38	0
LW	II	1850	0	0	0	1	0	0	0	0	0	0	10	0	0	28	0
LW	II	1870	0	0	0	1	0	3	0	0	0	0	0	4	0	16	0
LW	II	1890	0	0	0	0	0	0	0	0	0	0	33	0	6	114	0
LW	II	1907	0	0	0	0	0	3	2	0	2	0	24	98	0	1	0
LW	II	1930	0	0	0	0	4	1	0	0	0	0	9	15	0	3	0
LW	II	1950	0	0	0	0	2	1	0	0	0	0	6	7	0	0	0
LW	II	1970	3	0	1	0	1	3	2	0	4	0	13	2	0	6	0

			METRO	CALAM	NORMA	ARENG	COLOC	FLAGE	LILIA	CASUA	ENGEL	NOTHO	CASTA	CELTI	TREMA	APHAN	URMO2
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	0	1	0	0	1	1	1	2	0	2
LW	II	730	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
LW	II	790	0	0	0	0	0	0	0	0	0	2	0	1	4	0	0
LW	II	870	0	0	0	0	0	0	1	0	0	1	0	3	4	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
LW	II	1010	0	0	0	0	0	1	0	0	2	0	2	1	2	0	0
LW	II	1050	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
LW	II	1346	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	1	0	5	11	0	0
LW	II	1530	0	0	0	0	0	0	0	2	0	1	1	1	8	0	0
LW	II	1610	0	0	0	0	0	0	0	0	1	2	1	1	11	0	6
LW	II	1730	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
LW	II	1770	0	0	0	0	0	0	0	1	0	0	0	2	2	0	0
LW	II	1810	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	1870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LW	II	1890	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0
LW	II	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1930	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LW	II	1950	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	0	0	0	1	1	0	4	0	0	2

TABLE III.4. (Cont.)

			URMO3	STREB	PILEA	HELIC	RUMEX	MUEHL	MELUM	STEPJ	HYPSE	TINOS	CANAN	TRIME	NEPEN	QUINT	POLYO
LW	II	644	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
LW	II	730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	790	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	870	0	2	0	0	0	1	0	0	0	0	0	0	1	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1610	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1930	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1950	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
LW	II	1970	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0

			WEINM	SPIRA	ACAEN	PARIN	LEGPB	LEGPD	VANDA	CROTA	RUTAP	EVODI	EUPHT	EUPHO	EUPHA	EUPHI	MALLO
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
LW	II	730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	790	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
LW	II	1010	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3
LW	II	1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	1346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1530	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1610	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
LW	II	1810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
LW	II	1930	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LW	II	1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

			MACMA	CLAOX	PHYLA	ACALY	GLOCH	MACAP	MACOV	ANTID	APORO	MELAN	RISCH	ENDOS	CLEID	ANACA	RHUST
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	4	0	0	0	0	2	0	0	0	0
LW	II	730	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
LW	II	790	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
LW	II	870	0	0	0	0	0	7	0	0	0	0	3	0	0	0	0
LW	II	910	0	0	0	1	22	4	0	0	0	0	1	0	0	0	0
LW	II	1010	0	0	0	1	0	5	0	1	0	0	1	0	0	0	0
LW	II	1050	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	0	8	0	0	0	0	1	0	0	0	0
LW	II	1410	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	4	0	0	23	0	1	0	0	0	0	0	0	0
LW	II	1530	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
LW	II	1610	0	0	0	0	0	6	0	0	0	0	1	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0
LW	II	1810	0	0	0	0	0	9	0	2	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
LW	II	1890	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
LW	II	1930	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1950	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

TABLE III.4. (Cont.)

			ILEXA	SPHEN	POLYP	STEMO	PLATE	DODON	GANOP	TRIST	RHAMN	ELAEO	MICRO	TRICO	PRACH	KLEIN	STERC
LW	II	644	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	730	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LW	II	790	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LW	II	870	7	0	0	6	0	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1530	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1610	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	5	0	0	0	0	0	1	0	0	0	1	14	1	0	0
LW	II	1810	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1930	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
LW	II	1950	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0

			STERE	TETRA	ANISO	DRIMY	TRICA	OCTOM	SONNE	BARRI	RHIZO	COMEL	MYRTA	POIKI	HALOR	BOERL	EPACR
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LW	II	730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	790	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0
LW	II	870	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
LW	II	1050	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LW	II	1191	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LW	II	1490	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
LW	II	1530	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1610	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1810	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
LW	II	1830	2	0	0	0	0	1	0	0	0	0	1	0	0	0	0
LW	II	1850	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	0	5	0	0	0	0	1	0	0	0	0
LW	II	1890	0	0	1	0	0	2	0	0	0	0	0	1	0	0	0
LW	II	1907	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1930	0	0	0	0	0	1	0	0	1	0	4	0	0	0	0
LW	II	1950	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

			RAPAN	MYRSI	PLANC	PALAQ	DIOSP	SYMPL	OLEAS	NYMPH	ALYXI	EVOLV	ECHIP	VERBI	VITEX	DYSOP	PLANT
LW	II	644	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0
LW	II	685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	790	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
LW	II	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1530	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0
LW	II	1610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1810	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1830	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0
LW	II	1930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

TABLE III.4. (Cont.)

			TIMON	GARDE	MORIN	NAUCL	UNCAR	COMPT	PODOC	PHYLO	DACRY	GNETU	UK274	UK156	UK292	MONPU	UK235
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0
LW	II	730	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0
LW	II	790	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
LW	II	870	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LW	II	1530	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0
LW	II	1610	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1810	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LW	II	1930	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LW	II	1950	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

			UK293	TRICU	UK194	UK109	UK104	UK060	ZCPAU	UK079	UK119	UK174	ZCPBU	UK123	UK221	UK218	ZCPCU
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
LW	II	730	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LW	II	790	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0
LW	II	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	251	0	0	0
LW	II	1346	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LW	II	1530	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
LW	II	1610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	5	0	0	0	0	9	0	0	0
LW	II	1810	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LW	II	1907	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0

			UK309	UK310	ZCPDU	ZCPEU	UK106	STCPU	UK279	DIPOU	UK147	TRIPU	STEPU	UK290	LYCOC	LYCOV	LYCOS
LW	II	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	730	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
LW	II	790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	910	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1490	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	1530	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1610	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1770	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0
LW	II	1810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1930	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1950	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LW	II	1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE III.4. (Cont.)

			LYGOD	ANEMI	PTERI	ADIAN	HISTI	DAVAL	NEPHR	ARTHR	CYAT1	CYAT2	CYCLA	CYCLO	CYCLT	ASPLE	TECTA
LW	II	644	0	0	0	0	0	0	130	0	0	0	0	0	0	0	0
LW	II	695	1	0	1	0	0	0	30	0	0	7	0	0	0	1	0
LW	II	730	0	0	1	0	0	0	52	0	4	0	0	0	0	0	0
LW	II	790	3	0	1	0	0	0	77	0	2	0	0	0	0	0	0
LW	II	870	1	0	1	0	0	0	85	0	0	0	0	0	0	0	0
LW	II	910	1	0	2	0	0	0	104	0	0	1	0	0	0	0	0
LW	II	1010	0	0	0	0	0	1	46	0	1	0	0	2	0	0	0
LW	II	1050	0	0	0	0	0	0	239	0	0	0	0	0	0	0	0
LW	II	1110	0	0	0	0	0	1	13	0	0	0	0	0	0	0	0
LW	II	1191	0	0	19	0	0	0	192	0	0	0	0	0	0	0	0
LW	II	1310	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1346	1	0	0	0	0	0	8	0	1	0	0	0	0	0	0
LW	II	1410	0	0	0	0	0	0	20	0	0	0	1	0	0	6	0
LW	II	1490	0	0	42	0	0	0	415	0	3	0	0	0	0	0	0
LW	II	1530	3	0	1	0	0	0	171	0	0	1	0	0	0	0	0
LW	II	1610	0	0	0	0	0	1	10	0	1	0	0	0	0	0	0
LW	II	1730	0	0	0	0	0	1	27	0	0	0	0	0	0	0	0
LW	II	1750	0	0	0	0	0	1	4	0	1	0	0	0	0	0	0
LW	II	1770	41	0	0	0	0	0	148	0	0	0	0	0	0	0	0
LW	II	1810	1	0	1	0	1	1	10	0	0	0	0	0	0	0	0
LW	II	1830	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0
LW	II	1850	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0
LW	II	1870	0	1	0	0	0	0	17	0	0	0	0	0	0	0	0
LW	II	1890	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LW	II	1907	0	0	0	0	0	0	2	0	1	0	0	1	0	0	0
LW	II	1930	1	0	0	0	0	1	6	0	1	0	0	0	0	0	0
LW	II	1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LW	II	1970	0	0	0	0	0	0	5	0	1	0	0	2	0	1	0

			STENA	STENL	STENO	MICSO	MONLS	MONLL	UK019	MONLU	UK312	UK170	UK172	TRILU	UNCAT	INDET	SUMPS
LW	II	644	0	0	3	2	1	8	0	0	0	0	0	0	0	12	235
LW	II	695	0	0	11	5	6	9	0	2	0	0	0	0	0	26	269
LW	II	730	0	0	4	4	12	6	0	0	0	0	0	0	0	15	184
LW	II	790	0	0	15	13	9	6	0	1	0	0	0	0	4	20	245
LW	II	870	0	0	15	32	20	24	0	0	0	0	0	0	0	26	271
LW	II	910	0	0	1	2	4	3	0	1	0	0	0	0	0	22	220
LW	II	1010	0	0	13	36	11	21	0	0	0	0	0	0	0	29	212
LW	II	1050	0	0	5	1	4	4	0	7	0	0	0	0	0	32	445
LW	II	1110	0	0	656	1	2	6	0	0	0	0	0	0	0	6	712
LW	II	1191	0	0	12	10	9	1	0	0	0	0	0	1	2	52	357
LW	II	1310	0	0	54	0	0	0	0	0	0	0	0	0	0	16	250
LW	II	1346	0	0	10	1	4	7	0	0	0	0	0	0	0	19	166
LW	II	1410	0	0	0	18	55	11	0	0	0	0	0	0	1	5	157
LW	II	1490	0	0	26	46	15	49	1	9	0	0	0	0	0	49	993
LW	II	1530	0	0	40	12	16	8	0	4	0	0	0	0	1	55	493
LW	II	1610	0	0	0	1	4	10	0	0	0	0	0	0	0	16	175
LW	II	1730	0	0	22	1	0	12	0	1	0	0	0	0	0	18	176
LW	II	1750	0	0	6	1	2	4	0	0	0	0	0	0	0	8	342
LW	II	1770	0	0	61	34	9	1	0	0	0	0	0	0	0	82	517
LW	II	1810	0	0	327	15	9	10	0	0	0	0	0	0	0	49	777
LW	II	1830	0	0	266	1	2	4	0	0	0	0	0	0	0	5	337
LW	II	1850	0	0	191	6	25	15	0	0	0	0	0	0	0	37	344
LW	II	1870	0	0	126	12	13	29	0	0	0	0	0	0	0	16	350
LW	II	1890	0	0	437	11	0	2	0	2	0	0	0	0	0	23	665
LW	II	1907	0	0	42	0	5	73	0	0	0	0	0	0	0	15	296
LW	II	1930	0	0	57	0	13	59	0	0	0	0	0	0	0	20	207
LW	II	1950	0	0	69	0	1	12	0	0	0	0	0	0	0	8	118
LW	II	1970	0	0	1	0	4	3	0	4	0	0	0	0	0	21	102

Calculation of pollen concentrations and pollen deposition rates

Estimates for either pollen concentration (grains ml^{-1}) or pollen deposition rate (grains cm^{-2} yr^{-1}) with 95% confidence limits for *counting* errors, may be calculated from the preceding pollen and spore counts by the formula:

$$T \times F \pm 2\sqrt{T} \times F$$

Where

T = the count for any taxon, or group of taxa in a sample,

F = the multiplicative factor for either pollen concentration or PDR for the appropriate sample, given in tables III.5 to III.7.

Due to the unreliable chronology, no PDR factors are shown for Yanamugi core YAN 2.

TABLE III.5. Factors for pollen and spore counts from pollen traps

Trap	Factor for grains per trap	Factor for grains cm^{-2} yr^{-1}
PT 1	4285.71	155.35
PT 4	4285.71	153.50
PT 5	10714.29	388.93
PT 6	287.35	10.45

TABLE III.6. Factors for pollen and spore counts from Yanamugi Core YAN 2

cm below datum	Factor for grains ml^{-1} of sediment
120	114.94
160	114.94
200	114.94
240	306.12
320	57.47
400	95.79
476	57.47
520	57.47
560	57.47
640	47.89
670	114.94
710	82.10
750	27.37
790	95.79
830	57.47
870	82.10
910	28.74
950	57.47
990	82.10
1030	57.47
1070	57.47
1110	71.84
1150	32.81

TABLE III.7. Factors for pollen and spore counts from Lake Wanum core LW II

cm below datum	Factor for grains ml^{-1} of sediment	Factor for grains cm^{-2} yr^{-1} (assuming sediment accumulation rate 'C')
644	357.14	65.77
685	102.02	13.27
730	238.10	30.96
790	214.29	39.18
870	122.95	22.48
910	535.71	94.94
1010	122.95	19.06
1050	214.29	33.22
1110	47.89	7.42
1191	357.14	137.36
1310	238.10	91.58
1346	238.10	81.26
1410	535.71	164.33
1490	194.81	33.42
1530	142.86	24.50
1610	47.89	14.51
1730	47.62	3.40
1750	71.84	5.14
1770	428.57	30.63
1810	285.71	18.59
1830	143.68	9.35
1850	535.71	34.85
1870	143.68	9.35
1890	357.14	22.13
1907	287.36	17.02
1930	95.79	5.66
1950	114.94	6.80
1970	100.00	5.91