

Table S1. Radiocarbon Dating Information. Summary of Conventional Radiocarbon Ages (CRA) in years Before Present (i.e., before 1950 AD) and CRA error (\pm yrs), for radiocarbon dated macrofossils Lake Kirkpatrick and Dukes Tarn, South Island, New Zealand.

Lab ID	Site (year core collected)	Material dated	Depth (cm)	CRA	CRA error
KCCAMS-55542	Dukes Tarn (2008)	leaf	33-34	210	20
KCCAMS-55541	Dukes Tarn (2008)	leaf	119-120	390	15
KCCAMS-102198	Dukes Tarn (2008)	twig	129-130	710	15
KCCAMS-102199	Dukes Tarn (2008)	charcoal	131-132	680	20
KCCAMS-102200	Dukes Tarn (2008)	leaf	132-133	710	30
KCCAMS-102201	Dukes Tarn (2008)	twig	135-136	700	15
KCCAMS-102202	Dukes Tarn (2008)	leaf	137-138	720	15
KCCAMS-55540	Dukes Tarn (2008)	leaf	139-140	670	15
KCCAMS-71876	Dukes Tarn (2008)	leaf	165-166	905	20
KCCAMS-102187	Lake Kirkpatrick (2009)	leaf	99-100	575	15
KCCAMS-102188	Lake Kirkpatrick (2009)	char/seed	104-105	650	30
KCCAMS-102189	Lake Kirkpatrick (2009)	char	108-109	680	20
KCCAMS-102190	Lake Kirkpatrick (2009)	leaf	109-110	640	15
KCCAMS-102191	Lake Kirkpatrick (2009)	char	110-111	555	20
KCCAMS-102192	Lake Kirkpatrick (2009)	twig	111-112	750	15
KCCAMS-102193	Lake Kirkpatrick (2009)	twig	112-113	695	20
KCCAMS-102194	Lake Kirkpatrick (2009)	wood	113-114	635	15
KCCAMS-102195	Lake Kirkpatrick (2009)	plant part	114-115	670	30
KCCAMS-102196	Lake Kirkpatrick (2009)	leaf	118-119	670	20
KCCAMS-71877	Lake Kirkpatrick (2009)	woody material	119-120	645	15
KCCAMS-102197	Lake Kirkpatrick (2009)	leaf	121-122	710	15
KCCAMS-71878	Lake Kirkpatrick (2009)	leaf	191-192	1625	15

