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*Supplement of*

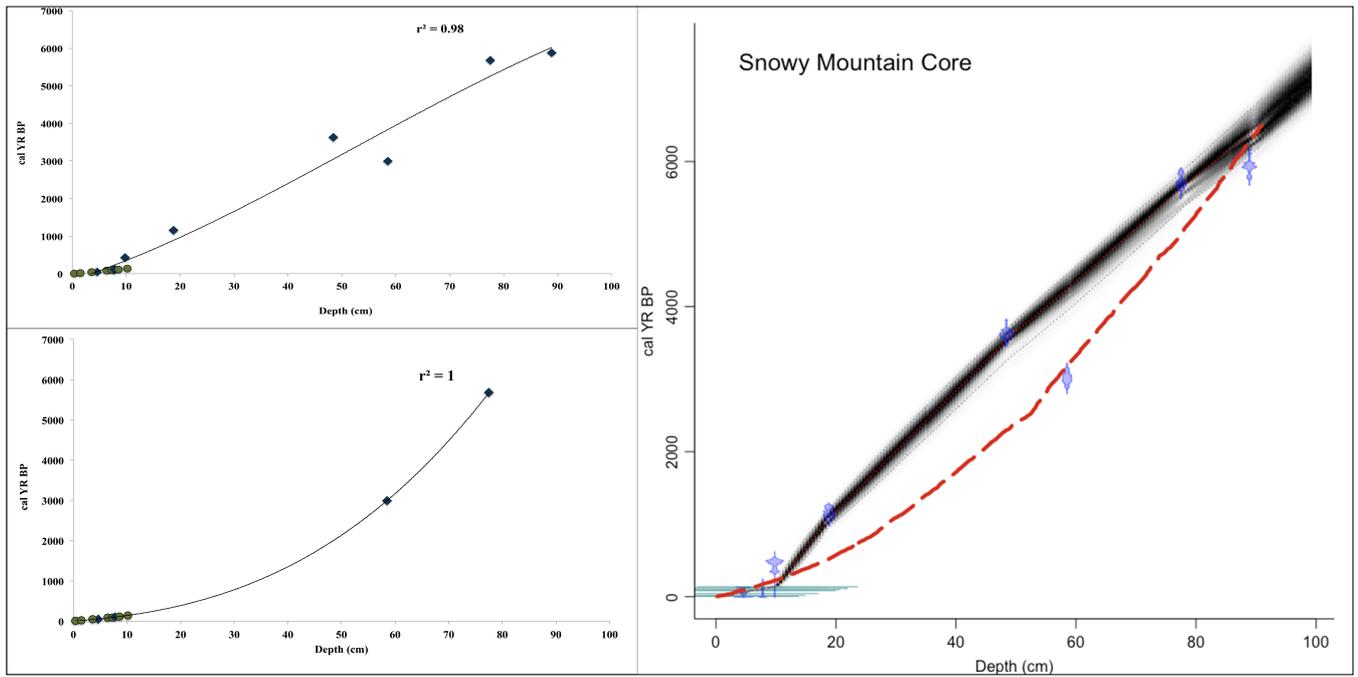
## **Low-resolution Australasian palaeoclimate records of the last 2000 years**

**Bronwyn C. Dixon et al.**

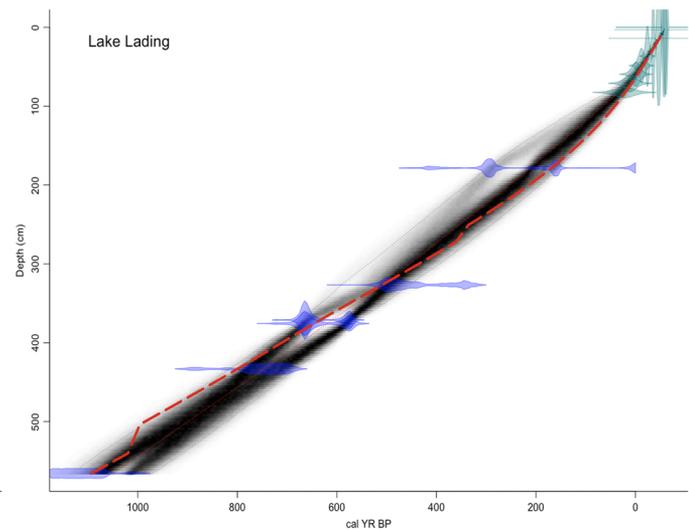
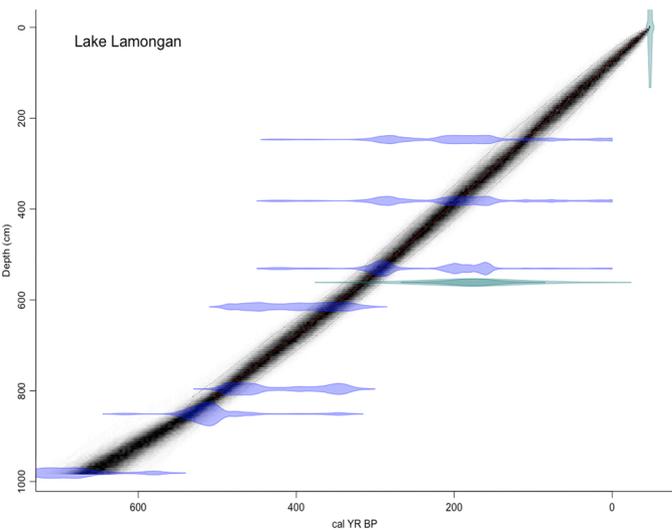
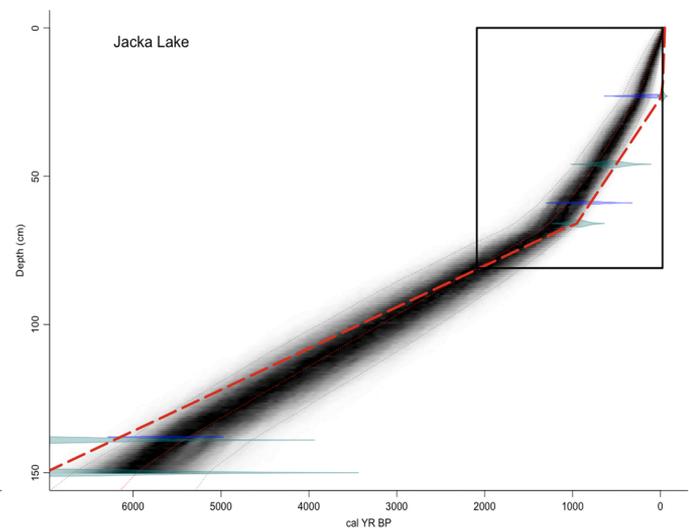
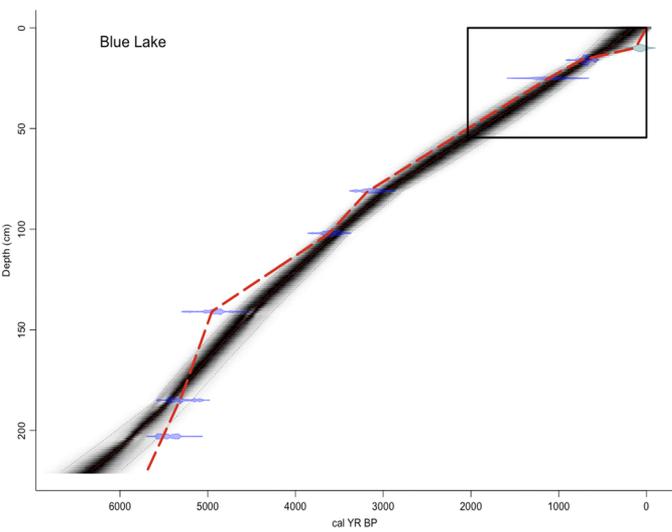
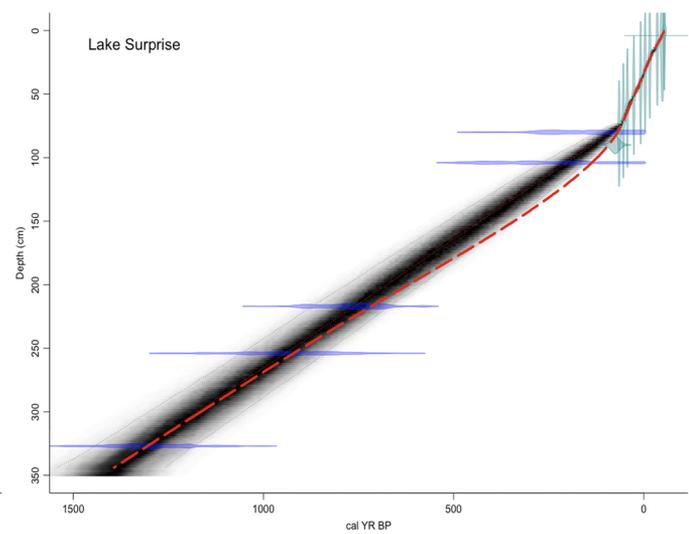
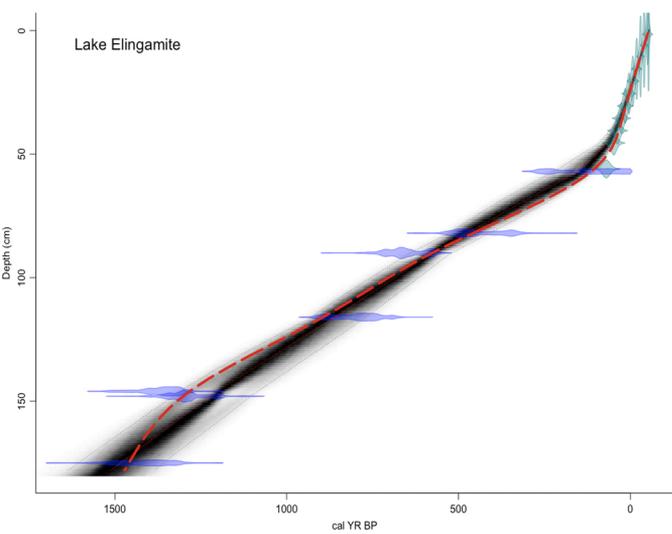
*Correspondence to:* Bronwyn C. Dixon ([bdixon1@student.unimelb.edu.au](mailto:bdixon1@student.unimelb.edu.au))

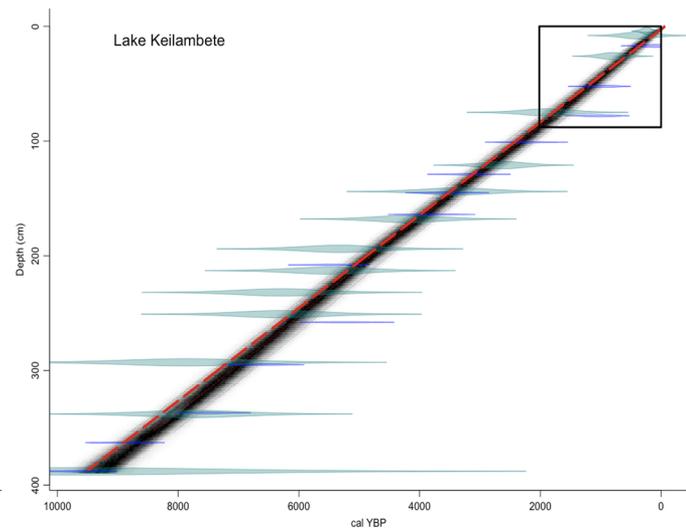
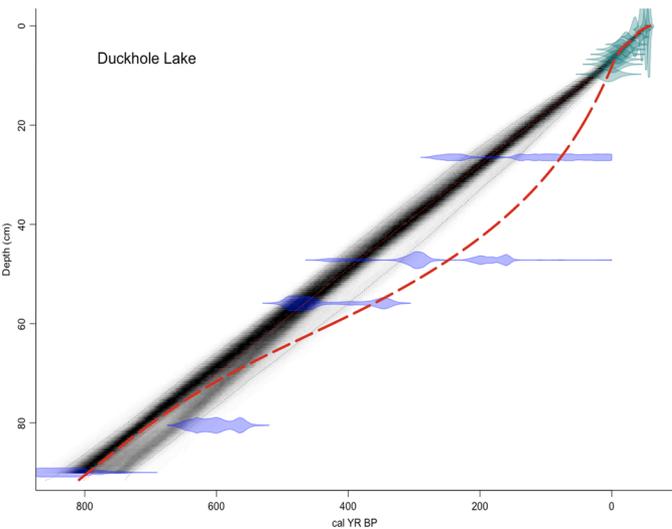
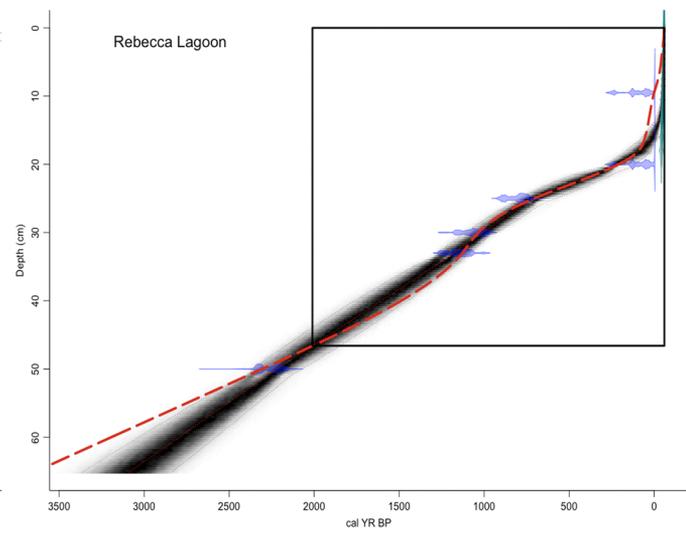
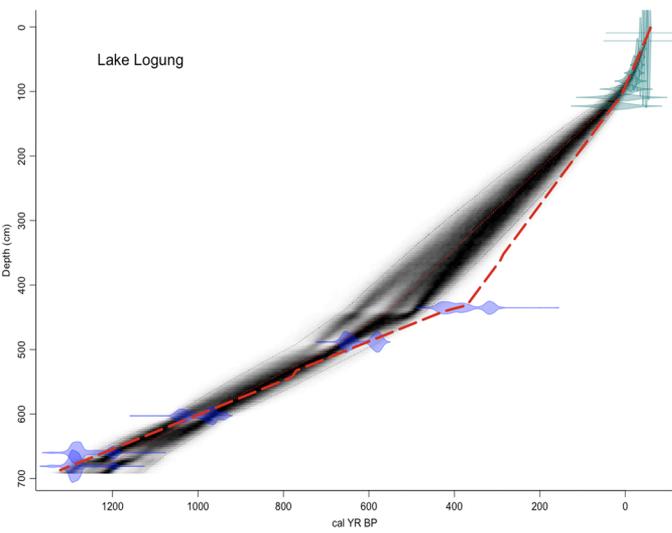
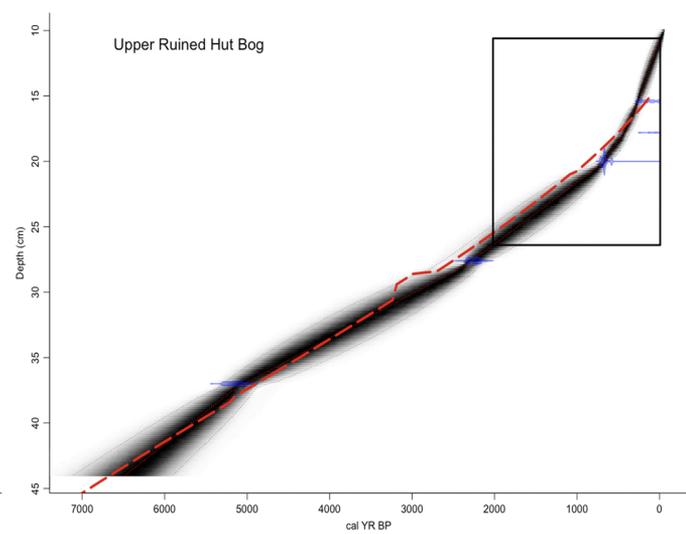
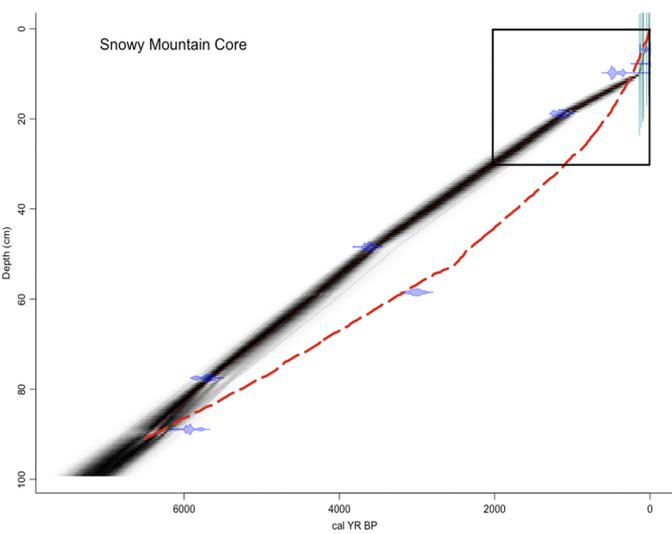
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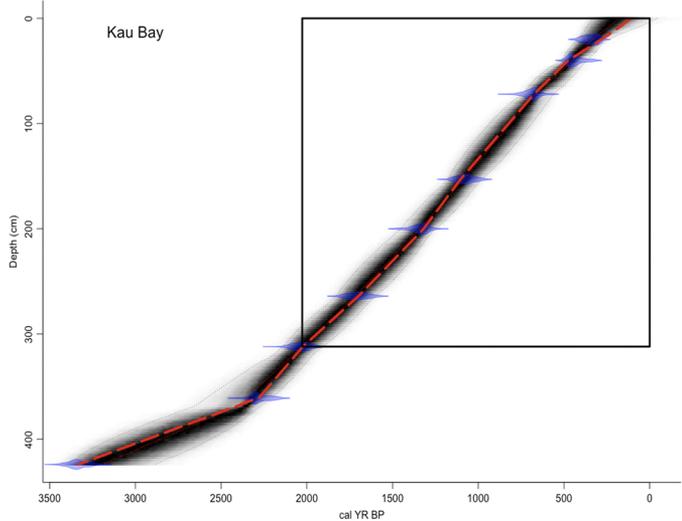
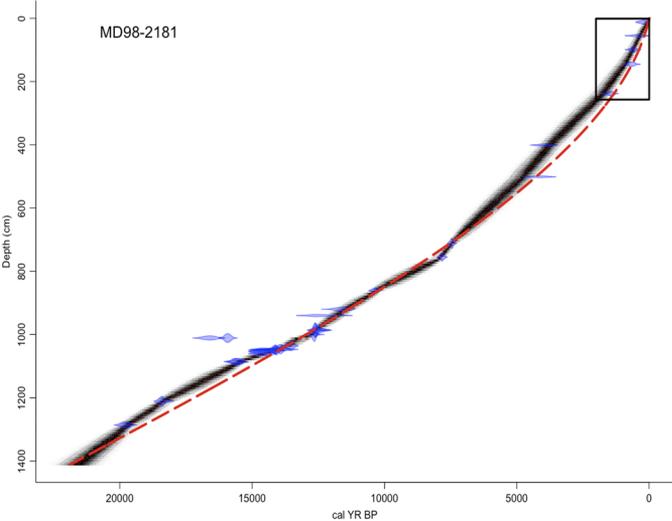
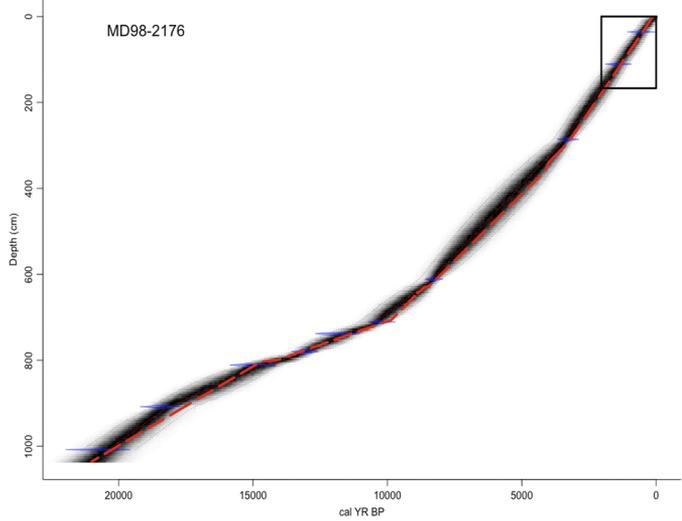
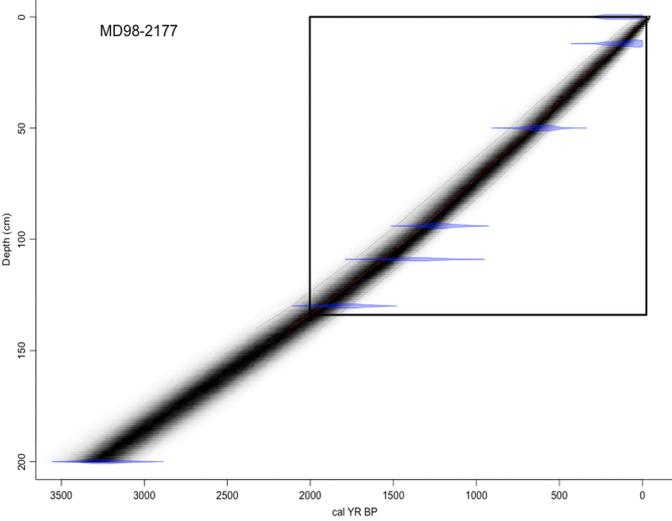
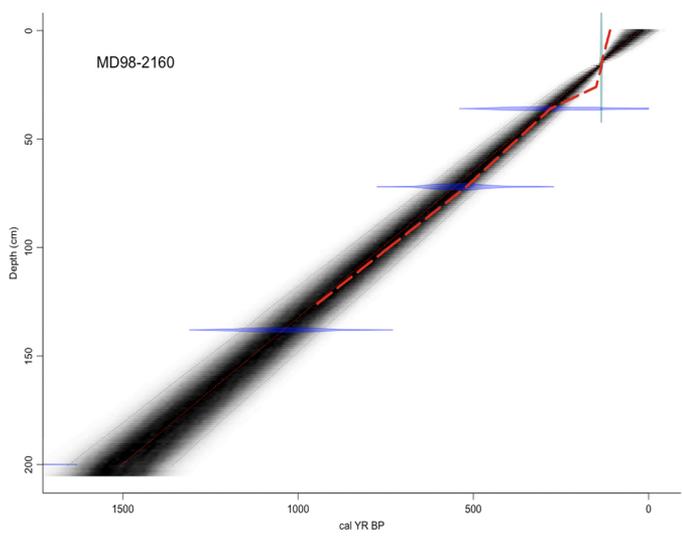
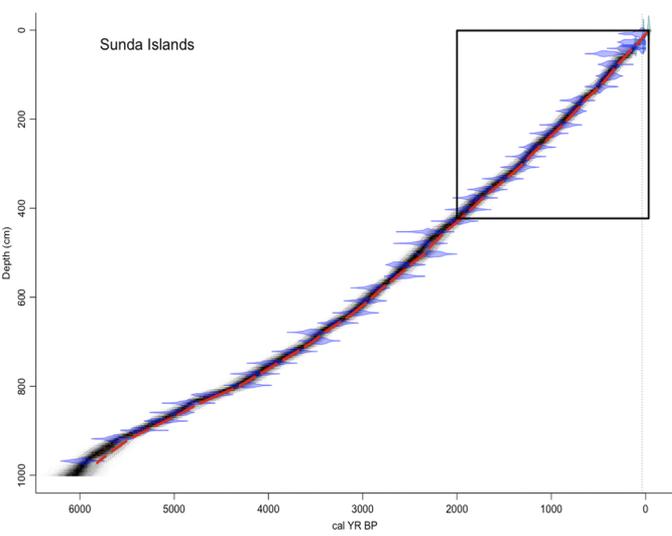
Figure S1. Comparison of the two possible age models published by the original authors for the Upper Snowy Mountain core (left) (Marx et al., 2011), and the BACON-derived age model for the same core (right). The age-depth model selected for publication in Marx et al., (2011) is displayed with a dashed red line.

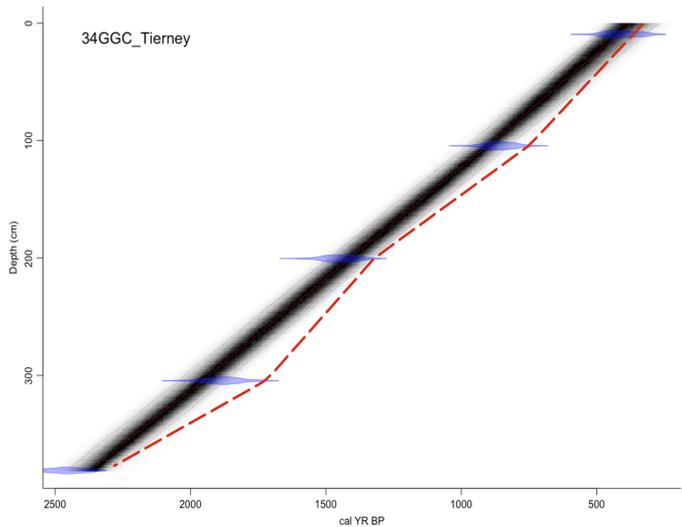
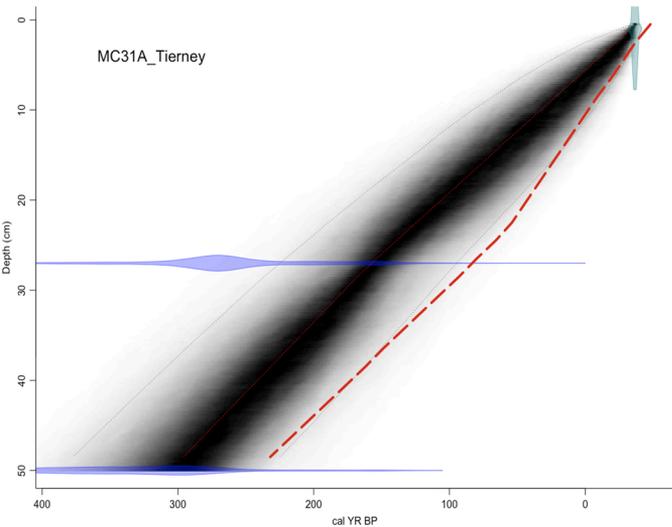
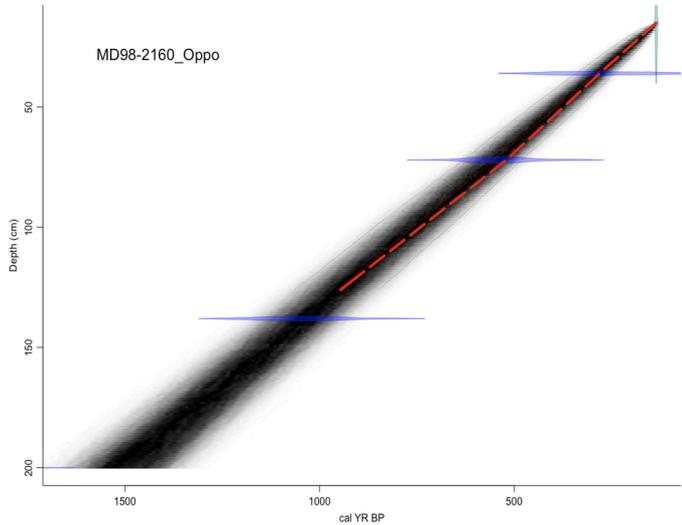
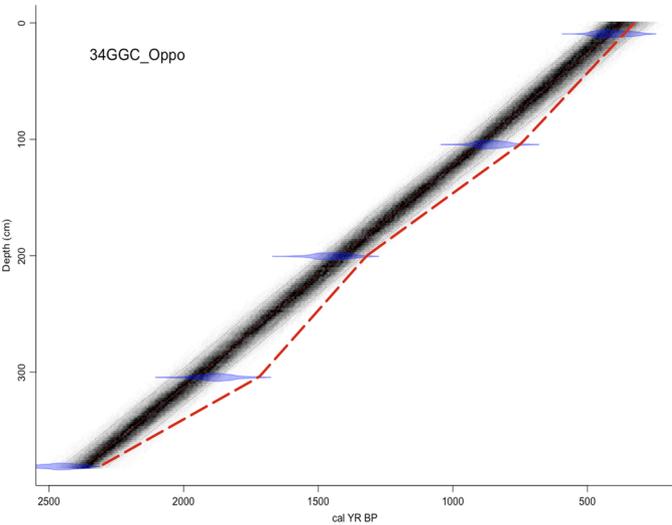
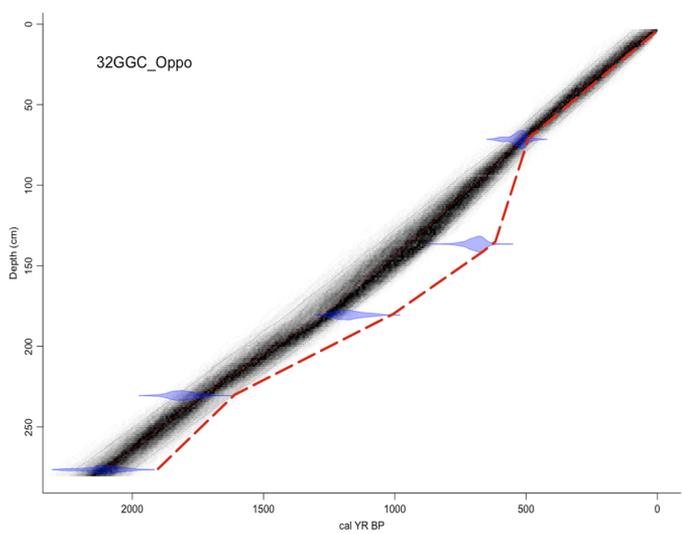
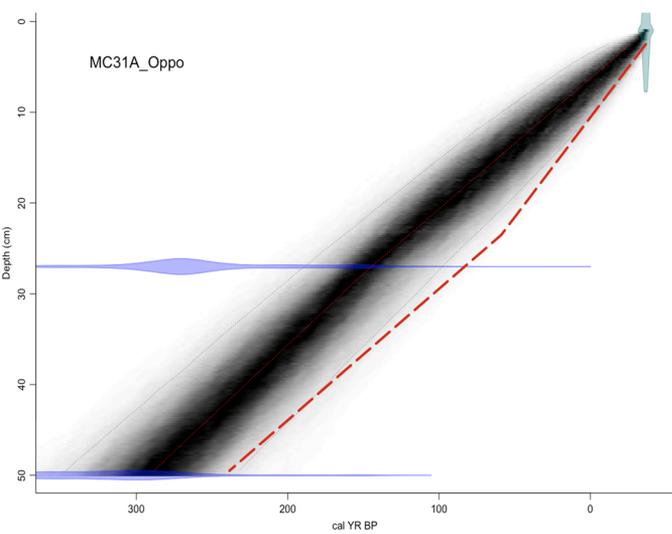


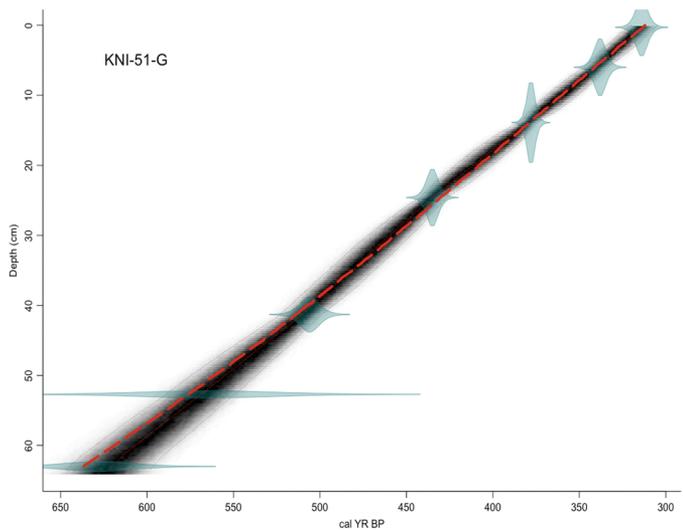
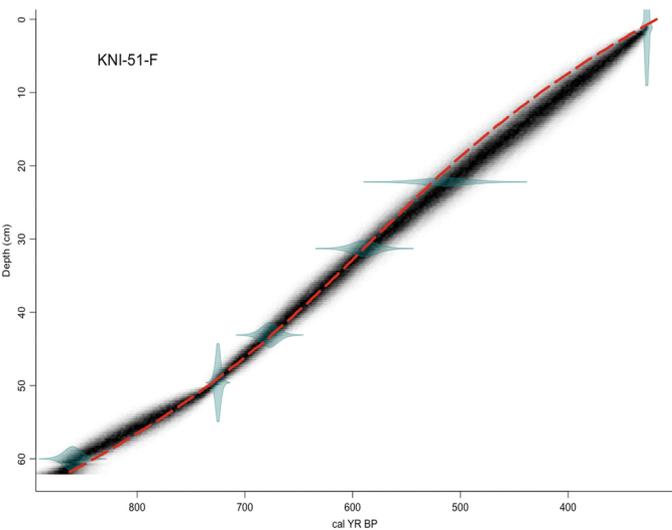
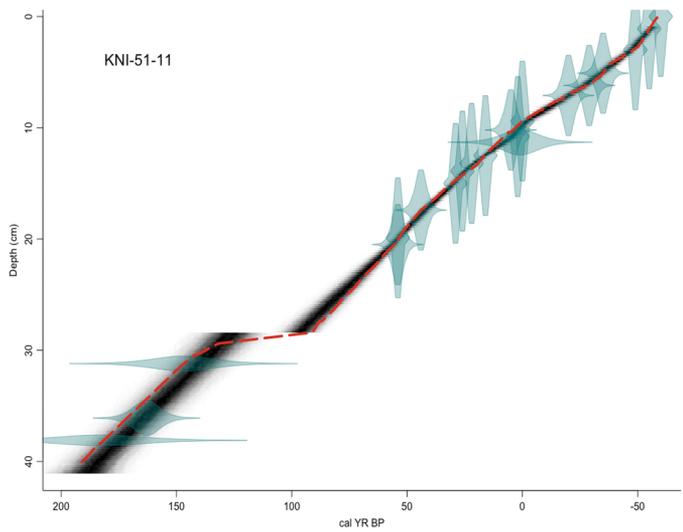
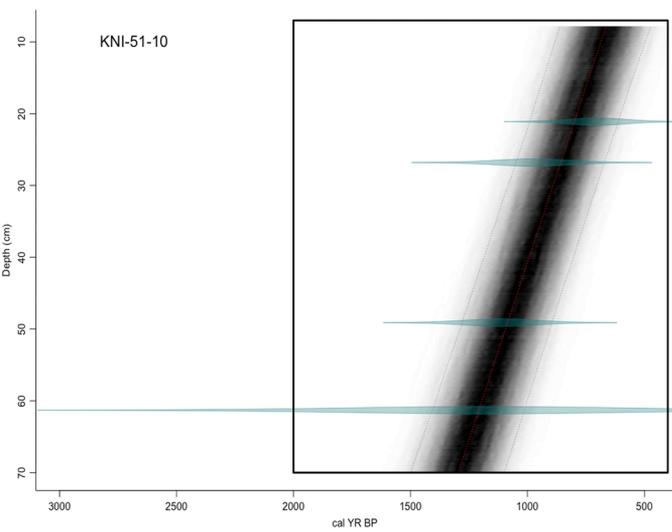
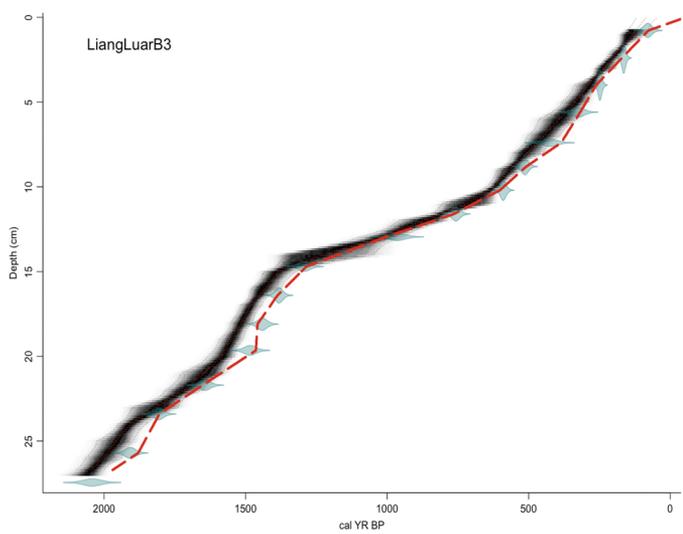
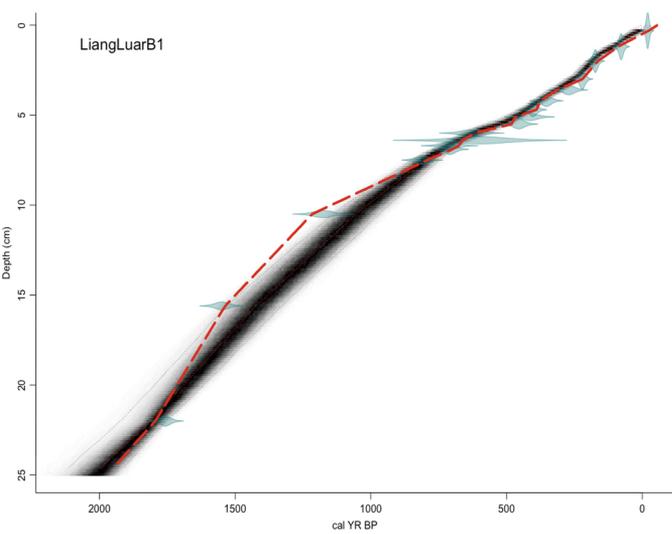
**Figure S2. BACON-constructed age-depth models for the Aus2k records. Previously published age-depth relationships were retrieved from public archives (Table 1) and are displayed with dashed red lines. Lake Lamongan and MD98-2177 do not have archived age-depth models, and so only the BACON age models are presented. Mismatch between the BACON and published age models in the Makassar Strait cores from Oppo et al., (2009) and Tierney et al., (2010) is not caused by marine reservoir application, and represents differences in the age-depth model construction techniques. The six speleothems from Denniston et al., (2013) and Denniston et al., (2015) that meet the date density requirement in the PAGES2k selection criteria are presented here. Multiple Aus2k records extend beyond the last 2000 years. The Common Era is highlighted in these records by a black rectangle.**

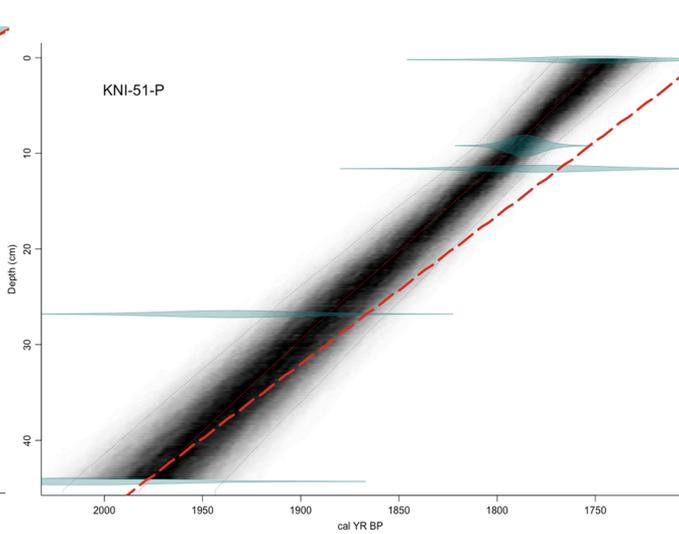
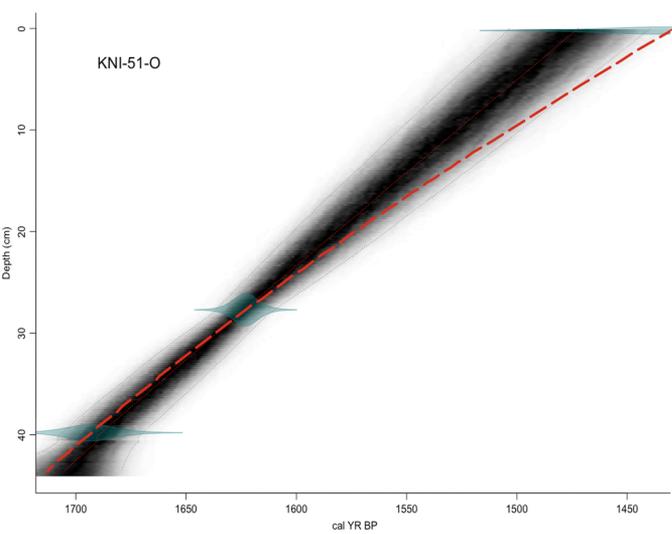












## **BACON code used to construct age-depth models in Dixon et al., (2017)**

```
source("Bacon.R")
```

```
## Lake Surprise ##
```

```
Bacon("Surprise", acc.mean=4, thick=2, d.max=344, MinYr=-54, depths.file=TRUE,  
ssize=5000)
```

```
# BACON-suggested acc.mean=5 used
```

```
##Lake Elingamite##
```

```
Bacon("Elingamite", acc.mean=10, thick=1, depths.file=TRUE, ssize=5000,  
mem.mean=0.1)
```

```
##Lake Lamongan##
```

```
Bacon('Lamongan', acc.mean=0.88, thick=4, MinYr=-48, d.min=0, d.max=982,  
depths.file=TRUE, ssize=9000)
```

```
##Blue Lake##
```

```
Bacon('BlueLake', acc.mean=28, thick=1, MinYr=-52, depths.file=TRUE,  
ssize=5000)
```

```
#BACON suggested acc.mean=20 used
```

```
##Jacka Lake##
```

```
Bacon('Jacka', acc.mean=45, thick=2, depths.file=TRUE, MinYr=-44, ssize=5000)
```

```
##Lake Lading##
```

```
Bacon('Lading', acc.mean=2.3, thick=4, MinYr=-58, depths.file=TRUE)
```

```
##Snowy Mountain Core##
```

```
Bacon('SnowyCore', postbomb=4, thick=0.2, depths.file=TRUE, acc.mean=76,  
ssize=5000)
```

```
##Upper Ruined Hut Bog##
```

```
Bacon('RuinedHut', thick=0.4, acc.mean=230, postbomb=4, MinYr=-59,  
depths.file=TRUE, ssize=10000, mem.mean=0.3, mem.strength=3)
```

```
#BACON suggested acc.mean=200 used
```

```
##Lake Logung##
```

Bacon('Logung', acc.mean=2, thick=5, MinYr=-58, depths.file=TRUE)

##Rebecca Lagoon##

Bacon("Rebecca", acc.mean=57, thick=0.4, d.by=0.2, MinYr=-60, yr.min=-60, d.max=65.2, d.min=0, ssize=5000)

#BACON suggested acc.mean=50 used

##Duckhole Lake##

Bacon('Duckhole', acc.mean=9.5, thick=0.2, depths.file=TRUE, MinYr=-59)

#BACON suggested acc.mean=10 used

##Lake Keilambete##

Bacon("KeilambeteSediment", acc.mean=24, thick=1, MaxYr=10000, MinYr=-54, depths.file=TRUE, ssize=5000)

##Sunda Islands##

Bacon('Sunda', acc.mean=4.7, thick=10, yr.min=-55, depths.file=TRUE, hiatus.depths=36, hiatus.mean=35)

##Makassar Strait MD98-2160##

Bacon('MD98-2160', acc.mean=7, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE, MinYr=-48)

##Makassar Strait MD98-2177##

Bacon('MD98-2177', acc.mean=20, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE, MinYr=-48)

##Western Pacific MD98-2176##

Bacon('MD98-2176', acc.mean=20, thick=10, MinYr=-48, mem.mean=0.7, mem.strength=7, depths.file=TRUE)

##Morotai Basin MD98-2181##

Bacon('MD98-2181', acc.mean=15, thick=5, mem.mean=0.7, mem.strength=7, MinYr=-48, depths.file=TRUE)

##Makassar Strait – Oppo et al., 2009##

Bacon('MC31A\_Oppo', acc.mean=6, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE)

Bacon('32GGC\_Oppo', acc.mean=8, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE, MinYr=0)

Bacon('34GGC\_Oppo', acc.mean=5, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE)

Bacon('MD98-2160\_Oppo', acc.mean=7, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE, MinYr=-48)

##Makassar Strait – Tierney et al., 2010##

Bacon('MC31A\_Tierney', acc.mean=6, thick=2, mem.mean=0.7, mem.strength=7, depths.file=TRUE)

Bacon('34GGC\_Tierney', acc.mean=5, thick=1, mem.mean=0.7, mem.strength=7, depths.file=TRUE)

##Kau Bay##

Bacon('Kau', acc.mean=8, thick=8, depths.file=TRUE, mem.mean=0.7, mem.strength=7)

#Liang Luar##

Bacon('LiangLuarB1', acc.mean=80, thick=0.1, mem.mean=0.2, mem.strength=2, depths.file=TRUE, MinYr=-56)

#BACON suggested acc.mean=70 used

Bacon('LiangLuarB3', acc.mean=75, thick=1, mem.mean=0.2, mem.strength=2, depths.file=TRUE, MinYr=-56)

#KNI-51-10##

Bacon('KNI-51-10', acc.mean=7, thick=0.5, mem.mean=0.1, mem.strength=2, MinYr=-58)

#BACON suggested acc.mean=10 used

#KNI-51-11##

Bacon('KNI-51-11', acc.mean=3, thick=0.1, mem.mean=0.1, mem.strength=2, hiatus.depths=(28.5), hiatus.mean=(40), MinYr=-59, depths.file=TRUE)

#BACON suggested acc.mean=5 used

#KNI-51-F##

Bacon('KNI-51-F', acc.mean=1, thick=0.5, mem.mean=0.1, mem.strength=2, MinYr=-59, depths.file=TRUE)

#BACON suggested acc.mean=10 used

#KNI-51-G##

Bacon('KNI-51-G', acc.mean=3, thick=0.5, mem.mean=0.1, mem.strength=2,  
MinYr=-59, depths.file=TRUE)

#BACON suggested acc.mean=5 used

#KNI-51-O##

Bacon('KNI-51-O', acc.mean=3, thick=0.5, mem.mean=0.1, mem.strength=2,  
MinYr=-59, depths.file=TRUE)

#BACON suggested acc.mean=5 used

#KNI-51-P##

Bacon('KNI-51-P', acc.mean=2, thick=0.5, mem.mean=0.1, mem.strength=2,  
MinYr=-59, depths.file=TRUE)

#BACON suggested acc.mean=5 used

**Table S1. All records identified within Australasia that span the Common Era. State refers to the political state, country, or geographic region where the record originates: NSW=New South Wales, VIC=Victoria, SA=South Australia, WA=Western Australia, NT=Northern Territory, QLD=Queensland, TAS=Tasmania, ACT=Australian Capitol Territory, TS=Torres Strait, INDO=Indonesia, NZ=New Zealand, PNG=Papua New Guinea, Pacific= Pacific Ocean Islands, ANT= Antarctica, BS=Bass Strait; Elevation is in meters above sea level; Resolution refers to average number of samples per year, where indicated by the original authors or calculated from the published text. \*Indicates unpublished thesis**

Record Name	State	Latitude	Longitude	Elevation (m.a.s.l.)	Classification	Archive	Proxy	Oldest Year	Youngest Year	Av. Resolution	Reference
Naas River	ACT	-35.72	149.08	1300-600	Geomorphology	Sediment	Age	14000YBP(+/-2150)	360YBP(+/-40)	NA	Eriksson et al., 2006
Barmah Choke	NSW	-36.00	145.00	100	Geomorphology	Sediment	Age	19080YBP(+/-1040)	550YBP(+/-30)	NA	Stone, 2006
Bellinger River	NSW	-30.47	152.48	Various	Geomorphology	Sediment	Age	20103YBP(+/-147)	182YBP(+/-52)	NA	Cohen and Nanson, 2008
Bherwerre Beach	NSW	-35.16	150.66	NA	Geomorphology	Beach ridges	Age, stratigraphy	8650 14C YBP (+/-440)	NA	NA	Thom et al., 1978
Clyde River	NSW	-35.69	150.17	Various	Geomorphology	Sediment	Age	2650YBP(+/-90)	820YBP(+/-70)	NA	Nanson, 1986
Davys Creek	NSW	-33.50	148.66	Various	Geomorphology	Sediment, Calcium carbonate deposits	Age, presence/absence	1615YBP(+/-75)	155YBP(+/-155)	NA	Carthew and Drysdale, 2003
Eurunderee	NSW	-32.50	152.33	NA	Geomorphology	Beach ridges	Age, stratigraphy	7280 14C YBP (+/-220)	NA	NA	Thom et al., 1978
Fens, Port Stephens	NSW	-32.60	152.26	NA	Geomorphology	Beach ridges	Age, stratigraphy	7000 14C YBP	NA	NA	Thom et al., 1978
Lake Conjola	NSW	-35.24	150.45	1	Geomorphology	Sediment, molluscs	Sedimentological properties, ecological assemblage	130000YBP (+/-14000)	NA	NA	Packwood, 1999, Sloss et al., 2010
Lake George	NSW	-35.00	149.42	600	Geomorphology	Geomorphology	Relict shoreline	14100YBP(+/-900)	130YBP(+/-20)	NA	Fitzsimmons and Barrows, 2010
Lake Illawarra	NSW	-34.50	150.86	0.5	Geomorphology	Sediment	Accumulation rate	786YBP(+/-97)	0YBP	NA	Chenhall et al., 1995
Lake Illawarra	NSW	-34.50	150.86	0.5	Geomorphology	Sediment	Accumulation rate	7600YBP(+/-340)	40YBP(+/-10)	NA	Sloss et al., 2005
Macquarie Marshes	NSW	-30.59	147.69	Various	Geomorphology	Sediment	Age	59000YBP(+/-10000)	240YBP(+/-90)	NA	Yonge and Hesse, 2009
Manning River	NSW	-31.89	152.41	Various	Geomorphology	Sediment	Age	400YBP(+/-70)	346YBP(+/-70)	NA	Nanson, 1986
Merimbula	NSW	-36.9	149.9	9	Geomorphology	Beach ridges	Age, stratigraphy	>37800 14C YBP	NA	NA	Thom et al., 1978
Moruya	NSW	-35.87	150.15	NA	Geomorphology	Beach ridges	Age, stratigraphy	10000 14C YBP	NA	NA	Thom et al., 1978
Mulloon Creek	NSW	-35.33	149.59	Various	Geomorphology	Sediment	Age, stratigraphy	12528YBP(+/-89)	3440YBP(+/-90)	NA	Johnston and Brierley, 2006
Nambucca River	NSW	-30.59	152.71	Various	Geomorphology	Sediment	Age, stratigraphy	78100YBP(+/-6100)	130YBP(+/-60)	NA	Doyle, 2003
Newcastle Bight	NSW	-32.87	151.81	NA	Geomorphology	Beach ridges	Age, stratigraphy	9520 14C YBP (+1590/-1330)	NA	NA	Thom et al., 1978
Shoalhaven River	NSW	-34.85	150.75	10	Geomorphology	Estuarine plains, diatoms	Age of formation, ecological assemblage	7800YBP (+/-55)	2340YBP(+/-90)	NA	Umitsu et al., 2001
Snowy Mountains	NSW	-36.00	148.00	1100-2100	Geomorphology	Geomorphology	Age of formation	31000YBP(+/-2300)	120YBP	NA	Costin, 1972
Wangrah Creek	NSW	-35.90	149.25	1300	Geomorphology	Sediment	Age	34166YBP(+/-1100)	0YBP	NA	Prosser et al., 1994
Widden Brook	NSW	-32.50	150.35	Various	Geomorphology	Sediment	Age, stratigraphy	16699YBP(+/-565)	241YBP(+/-18)	NA	Cheetham et al., 2010
Wolumla Creek	NSW	-36.75	149.79	100-200	Geomorphology	Sediment	Age	5590YBP(+/-80)	1410YBP(+/-40)	NA	Fryirs and Brierley, 1998
Wonboyn	NSW	-37.26	149.95	NA	Geomorphology	Beach ridges	Age, stratigraphy	5480 14C YBP(+/-95)	NA	NA	Thom et al., 1978
Woody Bay - Iluka	NSW	-29.35	153.36	5	Geomorphology	Shoreline mapping	Shoreline evolution	4753YBP(+/-245)	345YBP(+/-42)	NA	Goodwin et al., 2006
Woy Woy	NSW	-33.53	151.33	NA	Geomorphology	Beach ridges	Age, stratigraphy	6240 14C YBP(+/-185)	NA	NA	Thom et al., 1978

Adelaide River	NT	-12.22	131.22	0	Geomorphology	NA	NA	NA	NA	NA	Iles, 1998*
Cape Arnhem	NT	-12.35	136.97	NA	Geomorphology	Geomorphology	Dune formation	15200YBP(+/-2100)	2700YBP(+/-300)	NA	Lees et al., 1995
Groote Eylandt	NT	-13.91	136.79	NA	Geomorphology	Dune formation, pollen	Age of formation, ecological assemblage	136000YBP(+/-17000)	220YBP(+/-1680)	NA	Shulmeister and Lees, 1992
Katherine River	NT	-14.29	132.39	100	Geomorphology	Slackwater deposits	Occurrence	2219YBP(+/-133)	0YBP	NA	Sanderecock and Wyrwoll, 2005
Ross River	NT	-23.75	133.50	Various	Geomorphology	Fluvial deposits	Presence/absence	9200YBP(+/-900)	695YBP(+/-60)	NA	Patton et al., 1993
Earnsclough Cave	NZ	-45.30	169.20	540	Geomorphology	Sediment, macrofossils, pollen	Ecological assemblage	2176YBP(+/-76)	NA	NA	Clark et al., 1996
NZ rivers	NZ	NA	NA	NA	Geomorphology	Deposition	Ages	1764YBP	-34YBP	NA	Grant, 1985
Southern Alp Glaciers	NZ	-43.60	170.20	750	Geomorphology	Boulders	Exposure age	6520YBP(+/-360)	160YBP(+/-30)	NA	Schaefer et al., 2009
Southern Alp Glaciers	NZ	Various	Various	Various	Geomorphology	Boulders	Exposure age	2588YBP(+/-161)	13YBP(+/-20)	NA	Lorrey et al., 2008
Te Werahi	NZ	-34.40	172.60	NA	Geomorphology	Shorelines, molluscs	Age of formation, ecological assemblage	4703YBP(+/-170)	462YBP(+/-87)	NA	Brook, 1999a
Tokerau Beach	NZ	-34.90	173.40	3	Geomorphology	Shorelines, molluscs	Age of formation, ecological assemblage	4935YBP (+/-100)	341YBP(+/-44)	NA	Brook, 1999b
Voli Voli	NZ	-18.16	177.49	2	Geomorphology	Dune and delta formation	Age of formation	2680YBP(+/-180)	220YBP(+/-80)	NA	Dickinson et al., 1998
Ambathala shearing shed	QLD	-25.97	145.33	330	Geomorphology	Faeces	Geochemistry, pollen, macrofossils	20YBP	-45YBP	NA	Witt et al., 2006
Beachmere	QLD	-27.09	153.09	1	Geomorphology	Beach ridges	Age of formation	2600YBP(+/-130)	140YBP(+/-50)	NA	Brooke et al., 2008a
Cairns Region	QLD	-16.92	145.78	Various	Geomorphology	Woody debris, river despoits	Age of formation	88000YBP(+/-6000)	330YBP(+/-30)	NA	Thomas et al., 2007
Crowley Beach	QLD	-17.65	146.14	6.5	Geomorphology	Beach ridges	Age of formation	5685YBP(+/-400)	145YBP(+/-10)	NA	Nott et al., 2009
Gulf of Carpentaria	QLD	-15.21	141.64	10	Geomorphology	Beach ridges	Age of formation	5950YBP(+/-95)	47YBP (+/-1)	NA	Rhodes et al., 1980
Keppel Bay	QLD	-23.42	150.80	2	Geomorphology	Geomorphology	Relict shorelines	1460YBP(+/-125)	60YBP	NA	Brooke et al., 2008b
Lady Elliot Island	QLD	-24.11	152.71	5	Geomorphology	Beach ridges	Age of formation	3230YBP(+/-90)	0YBP(+/-70)	NA	Chivas et al., 1986
Ramsay Bay	QLD	-18.28	146.27	20	Geomorphology	Beach ridges	Age of formation	5850YBP(+/-110)	810YBP(+/-110)	NA	Pye and Rhodes, 1985
Rosie Creek	QLD	-15.44	136.13	Various	Geomorphology	Sand dune	Age of formation	58400YBP(+/-6600)	5900YBP(+/-700)	NA	Nott et al., 1999
Guichen Bay	SA	-37.16	139.76	5	Geomorphology	Beach ridges	Age of formation	5400YBP(+/-230)	1800YBP(+/-80)	NA	Bristow and Pucillo, 2006
Lake Amy	SA	-37.21	139.78	3	Geomorphology	Sapropel	Transition from marine to lacustrine conditions	4580YBP(+/-70)	505YBP(+/-20)	NA	Mee et al., 2007
Lake Blanche	SA	-29.30	139.50	8	Geomorphology	Beach ridges	Age of formation	26200YBP(+/-3000)	1700YBP(+/-600)	NA	Nanson et al., 1998
Lake Callabonna	SA	-29.80	140.10	6	Geomorphology	Beach ridges	Age of formation	2200YBP(+/-200)	1000YBP(+/-200)	NA	Nanson et al., 1998
Lake Callabonna	SA	-29.56	140.70	2	Geomorphology	Geomorphology	Relict shorelines	199000YBP(+/-22000)	1050YBP(+/-70)	NA	Cohen et al., 2012
Lake Callabonna	SA	-29.56	140.70	4	Geomorphology	Beach ridges	Age of formation	27200YBP(+/-2500)	900YBP(+/-100)	NA	Gliganic et al., 2014
Lake Eyre South	SA	-29.30	137.50	12	Geomorphology	Beach ridges	Age of formation	70000YBP(+/-15400)	26200YBP(+/-3700)	NA	Nanson et al., 1998

Lake Frome	SA	-30.30	139.80	25	Geomorphology	Beach ridges	Age of formation	69600YBP(+/-2600)	54900YBP(+/-4800)	NA	Nanson et al., 1998
Le Fevre	SA	-34.81	138.49	5	Geomorphology	Beach ridges	Age of formation	7890YBP(+/-460)	610YBP(+/-90)	NA	Bowman and Harvey, 1986
Murray River	SA	-35.60	139.00	Various	Geomorphology	Beach ridges	Age of formation	329000YBP	2620YBP(+/-160)	NA	Bourman et al., 2000
North Stomatolite Lake	SA	-36.17	139.66	1	Geomorphology	Sapropel	Transition from marine to lacustrine conditions	7070YBP(+/-95)	5620YBP(+/-40)	NA	Mee et al., 2007
Old Man Lake	SA	-37.26	139.82	2	Geomorphology	Sapropel	Transition from marine to lacustrine conditions	7660YBP(+/-55)	700YBP(+/-30)	NA	Mee et al., 2007
Strzelecki Desert	SA	-27.00	140.00	Various	Geomorphology	Dunes	Age of formation	186000YBP(+/-10000)	120YBP(+/-20)	NA	Fitzsimmons et al., 2007
Tirari Desert	SA	-28.06	137.61	Various	Geomorphology	Dunes	Age of formation	87500YBP(+/-5300)	190YBP(+/-20)	NA	Fitzsimmons et al., 2007
Cape St Lambert	WA	-13.92	127.08	NA	Geomorphology	Geomorphology	Dune formation	13400YBP(+/-1000)	400YBP(+/-200)	NA	Lees et al., 1992
Fitzroy River	WA	-18.03	125.75	NA	Geomorphology	Slack deposits	Age of formation	1685YBP(+/-153)	398YBP(+/-102)	NA	Wohl et al., 1994
Margaret River	WA	-18.43	126.58	NA	Geomorphology	Slack deposits	Age of formation	1474YBP(+/-144)	146YBP(+/-146)	NA	Wohl et al., 1994
Shark Bay	WA	-26.39	114.16	6	Geomorphology	Sediment	Age of formation	3960YBP(+/-77)	595YBP(+/-45)	NA	Jahnert et al., 2012
Victoria Delta	WA	-14.87	128.87	NA	Geomorphology	Dunes	Age of formation	6310YBP(+/-90)	660YBP(+/-225)	NA	Lees, 1992
Windjana Gorge	WA	-17.41	124.94	100	Geomorphology	Slack deposits	Age of formation	2910YBP(+/-1040)	1530YBP(+/-760)	NA	Gillieson et al., 1991
Bogong Creek Swamp	ACT	-35.75	148.95	1001	LakeWetland	Pollen, stratigraphy	Ecological assemblage	11004YBP(+/-143)	NA	NA	Hope et al., 2009a
Cotter Source Bog	ACT	-35.97	148.82	1755	LakeWetland	Pollen, stratigraphy	Ecological assemblage	10148YBP(+/-123)	0YBP	NA	Hope et al., 2009a
Ginini Flats	ACT	-35.31	148.46	1590	LakeWetland	Pollen, stratigraphy	Ecological assemblage	3395YBP(+/-73)	NA	NA	Hope et al., 2009a
Rotten Swamp	ACT	-35.70	148.88	1445	LakeWetland	Pollen, stratigraphy	Ecological assemblage	6300YBP(+/-90)	0YBP	NA	Hope et al., 2009a
Lake Fryxell	ANT	-77.61	163.14	800	LakeWetland	Diatoms	Ecological assemblage	48000YBP	0YBP	260	Konfirst et al., 2011
Lake Fryxell	ANT	-77.61	163.14	800	LakeWetland	Sediment	Geochemistry, mineralogy	48000YBP	65YBP(+/-70)	260	Wagner et al., 2006
Killiecrankie Swamp	BS	-39.84	147.84	10	LakeWetland	Pollen	Ecological assemblage	445YBP(+/-289)	NA	NA	Ladd, 1992
Lake Flannigan	BS	-39.60	143.95	40	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	D'Costa, 1997
Middle Patriarch Swamp	BS	-39.98	148.20	19	LakeWetland	Pollen	Ecological assemblage	11614YBP(+/-1111)	NA	NA	Ladd, 1992
Bonatoa	FIJI	-18.07	178.53	4	LakeWetland	Pollen	Ecological assemblage	5053YBP(+/-243)	NA	NA	Hope et al., 2009b
Aguai Ramata	INDO	-6.56	145.21	1950	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Haberle, 2007
Ajkwa 1	INDO	-4.87	136.97	1	LakeWetland	Pollen	Ecological assemblage	6105YBP(+/-175)	NA	167	Ellison, 2005
Ajkwa 2	INDO	-4.87	136.97	1	LakeWetland	Pollen	Ecological assemblage	9150YBP(+/-450)	NA	165	Ellison, 2005
Ajkwa 3	INDO	-4.87	136.97	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	76	Ellison, 2005
Ajkwa 4	INDO	-4.87	136.97	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	142	Ellison, 2005
Ajkwa 5	INDO	-4.87	136.97	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	125	Ellison, 2005

Anggi Lake	INDO	-1.40	133.90	1945	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Hope, 2007b
Kelela Swamp	INDO	-4.02	138.91	1650	LakeWetland	Pollen	Ecological assemblage	7775YBP(+/-165)	NA	165	Haberle et al., 1991
Lake Lading	INDO	-8.01	138.31	324	LakeWetland	Plant waxes	$\delta D$	852YBP	-50YBP	8.5	Konecky et al., 2013
Lake Logung	INDO	-8.04	113.31	215	LakeWetland	Sediment	sedimentation rate, geochemistry	1336YBP	-59YBP	9	Rodysill et al., 2013
Pemerak Swamp	INDO	0.79	112.05	40	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	32958YBP(+/-2352)	292YBP (+/-140)	40	Anshari et al., 2001
Ranu Lamongan	INDO	-7.98	113.38	240	LakeWetland	Sediments	$\delta^{18}O$ , $\delta^{13}C$ , Mg/Ca, laminations	731YBP	-48YBP	1	Crausbay et al., 2006
Rawa Danau	INDO	-6.18	105.97	100	LakeWetland	Pollen	Ecological assemblage	15860YBP(+/-360)	410YBP(+/-100)	NA	Van der Kaars et al., 2001
Rawa Danau	INDO	-6.18	105.97	100	LakeWetland	Charcoal	Concentration	15674YBP(+/-752)	NA	381	Haberle and Ledru, 2001
Wanda	INDO	-2.33	121.23	440	LakeWetland	Pollen	Ecological assemblage	37877YBP(+/-2570)	NA	NA	Hope, 2001
Wangil - Aru	INDO	-5.92	134.20	1	LakeWetland	Pollen	Ecological assemblage	7725 YBP(+/-75)	0YBP	40	Hope and Aplin, 2007
Airport Swamp	NSW	-31.54	159.08	10	LakeWetland	Geochemistry, sediment	concentration, size fraction	2615YBP(+/-130)	-62YBP	1	Martin et al., 2014
Airport Swamp	NSW	-31.54	159.08	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Dodson, 1982
Balranald Weir	NSW	-34.66	143.50	65	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Bega Swamp	NSW	-36.59	149.47	NA	LakeWetland	Pollen	Ecological assemblage	2740YBP	41YBP	30	Haberle, S., Unpub.
Berry Jerry Lagoon	NSW	-35.02	147.06	175	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Big Scrub	NSW	-28.78	153.29	30	LakeWetland	Pollen	Ecological assemblage	784YBP(+/-135)	NA	NA	Boyd et al., 1999
Black Mountain Lagoon	NSW	-30.18	151.20	1335	LakeWetland	Sediment	Sedimentation rate, geochemistry	34YBP	-41YBP	5	Haworth et al., 1999
Black Swamp	NSW	-30.02	151.48	1450	LakeWetland	Pollen	Ecological assemblage	9634YBP(+/-486)	NA	NA	Dodson, 1987
Blue Lake	NSW	-36.40	148.32	1850	LakeWetland	Pollen	Ecological assemblage	NA	NA	250	Raine, 1974
Blue Lake	NSW	-36.40	148.32	1850	LakeWetland	Sediment	Grain size	12200YBP	100YBP(+/-40)	125	Stanley and De Deckker, 2002
Blue Mountain Bog	NSW	-33.80	150.57	790	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Chalson, 1991
Blundells Flat	NSW	-35.19	148.49	762	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal concentration	2430YBP(+/-70)	-40YBP	NA	Hope et al., 2006b
Boambee Creek	NSW	-30.32	153.07	40	LakeWetland	Diatoms	Geochemistry	NA	NA	NA	Logan and Taffs, 2013
Bobundara Swamp	NSW	-36.42	150.10	5	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal concentration	7600YBP	0YBP	NA	Hope et al., 2006a
Boggy Swamp	NSW	-29.96	151.50	1170	LakeWetland	Peat	Accumulation rate	10383YBP(+/-705)	0YBP	NA	Dodson, 1987
Bomen Lagoon	NSW	-35.00	147.01	168	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Bondi Lake	NSW	-36.81	149.94	22	LakeWetland	Pollen	Ecological assemblage	2062YBP(+/-237)	-43YBP	78	Dodson et al., 1993
Bora Lagoon	NSW	-30.70	147.52	143	LakeWetland	Charophytes, macrophytes, invertebrate fossils, diatoms	Ecological assemblage	254YBP	-57YBP	NA	Yu et al., 2015

Breadalbane - NE	NSW	-34.80	149.52	694	LakeWetland	Pollen	Ecological assemblage	1240YBP	60YBP	NA	Dodson, 1986
Breadalbane - NW	NSW	-34.80	149.52	694	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Dodson, 1986
Breadalbane - SE	NSW	-34.80	149.52	694	LakeWetland	Pollen	Ecological assemblage	NA	0YBP	NA	Dodson, 1986
Brooks Ridge Fen	NSW	-36.16	148.59	1450	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	1500YBP	NA	NA	Mooney et al., 1997
Burruga Swamp	NSW	-31.92	151.42	985	LakeWetland	Pollen, sediment	Ecological assemblage, LOI	2117YBP(+/-190)	0YBP	68	Dodson et al., 1994c
Burruga Swamp	NSW	-31.92	151.42	985	LakeWetland	Pollen, sediment	Ecological assemblage, LOI	42203YBP(+/-837)	NA	1000	Sweller and Martin, 2001
Burralow Creek Swamp	NSW	-33.58	150.63	320	LakeWetland	Pollen	Ecological assemblage	NA	0YBP	60	Chalson and Martin, 2009
Burrill Lake	NSW	-35.35	150.43	1	LakeWetland	Sediment	Sedimentation rate, geochemistry	NA	NA	NA	Jones et al., 2003
Burrinjuck Reservoir	NSW	-34.99	148.60	364	LakeWetland	Sediment	Chronology	25YBP	-33YBP	1	Tibby, 2001
Burrinjuck Reservoir	NSW	-35.02	148.58	364	LakeWetland	Diatoms	Ecological assemblage	25YBP	-32YBP	NA	Wasson et al., 1987
Butcher Swamp	NSW	-31.92	151.40	1230	LakeWetland	Peat	Accumulation rate	13061YBP(+/-243)	0YBP	NA	Dodson, 1987
Byron Bay	NSW	-28.63	153.57	10	LakeWetland	NA	NA	NA	NA	NA	Logan, 2003*
Chittaway Bay	NSW	-33.3	151.45	0	LakeWetland	Sediment	Grain size, geochemistry, magnetic data	6000YBP(+/-240)	NA	76	Macreadie et al., 2015
Clive Swamp	NSW	-31.98	151.45	1275	LakeWetland	Peat	Accumulation rate	223YBP(+/-223)	NA	NA	Dodson, 1987
Club Lake	NSW	-36.41	148.29	1955	LakeWetland	Pollen, sediment	Ecological assemblage	796YBP(+/-129)	0YBP	7	Dodson et al., 1994a
Coonancoocabil Lagoon	NSW	-34.62	146.29	140	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Cox River	NSW	-33.73	150.18	432	LakeWetland	NA	NA	NA	NA	NA	Organo, 2000*
Cuddie Springs	NSW	-30.38	147.31	127	LakeWetland	Pollen	Ecological assemblage	39182YBP(+/-5240)	1334YBP(+/-149)	NA	Field et al., 2002
Delegate River	VIC	-37.24	148.83	740	LakeWetland	Pollen	Ecological assemblage	NA	NA	400	Ladd, 1979c
Diggers Creek Bog	NSW	-36.23	148.48	1690	LakeWetland	Pollen	Ecological assemblage	11817YBP(+/-573)	NA	156	Martin, 1999
Erskine Creek	NSW	-33.85	150.50	190	LakeWetland	NA	NA	NA	NA	NA	Metcalfe, 1999*
Fingal Bay	NSW	-32.74	152.17	4	LakeWetland	Pollen	Ecological assemblage	~6550 14C YBP	NA	NA	Macphail, 1973
Gallaher Swamp	NSW	-34.29	150.43	535	LakeWetland	NA	NA	NA	NA	NA	Hope, 2005b
Georges River	NSW	-33.98	151.08	1	LakeWetland	Sediment	Trace elements	130YBP	-50YBP	25	Napoli, 1996; Jenkinson et al., 1997
Giandarra Bog	NSW	-35.80	148.48	1390	LakeWetland	NA	NA	NA	NA	NA	Thomas, 1991*
Goochs Crater Swamp	NSW	-33.45	150.26	960	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	12190YBP(+/-140)	NA	175	Black and Mooney, 2006
Gooragoool Lagoon	NSW	-34.58	146.10	130	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Grey Pole Swamp	NSW	-32.61	152.32	9	LakeWetland	NA	NA	NA	NA	NA	Horn, 2005*
Griffith Swamp	NSW	-33.28	151.00	15	LakeWetland	Charcoal	Concentration	6300YBP	-50YBP	90	Mooney et al., 2007

Hawkesbury Valley	NSW	-33.40	151.03	30	LakeWetland	Diatoms	Ecological assemblage	NA	-50YBP	1	McMinn et al., 2004
Hogan's Billabong	NSW	-36.03	146.72	152	LakeWetland	Macrofossils, pollen, diatoms	Ecological assemblage	1400YBP(+/-120)	NA	80	Reid et al, 2007
Homestead Lagoon	NSW	-34.54	145.74	125	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Hopwoods Lagoon	NSW	-33.22	150.99	38	LakeWetland	NA	NA	NA	NA	NA	Smeulders, 1999*
Horse Swamp	NSW	-31.92	151.37	1260	LakeWetland	Peat	Accumulation rate	12887YBP(+/-326)	NA	NA	Dodson, 1987
Howes' Waterhole Swamp	NSW	-33.02	150.67	280	LakeWetland	NA	NA	NA	NA	NA	Mason, 2004*
Ingar Swamp	NSW	-33.77	150.46	584	LakeWetland	Pollen	Ecological assemblage	7188YBP(+/-90)	0YBP	NA	Chalson and Martin, 2009
Jackson's Bog	NSW	-37.10	149.13	750	LakeWetland	Pollen	Ecological assemblage	2800YBP	NA	NA	Kershaw et al., 1979; Oakes, 1981; Southern, 1982
Jibbon Lagoon	NSW	-34.08	151.15	65	LakeWetland	Charcoal	Concentration	1600YBP	-49YBP	14	Mooney et al., 2001
Katoomba Swamp	NSW	-33.72	150.31.3186	950	LakeWetland	Pollen	Ecological assemblage	12558YBP(+/-170)	NA	NA	Chalson and Martin, 2009
Killalea Lagoon	NSW	-34.60	150.87	22	LakeWetland	Pollen	Ecological assemblage	675YBP(+/-202)	120YBP	78	Dodson et al., 1993
Killer Bog	NSW	-32.07	151.55	1320	LakeWetland	Peat	Accumulation rate	1152YBP(+/-360)	0YBP	NA	Dodson, 1987
Kings Tableland Swamp	NSW	-33.73	150.48	780	LakeWetland	Pollen	Ecological assemblage	NA	NA	250	Chalson and Martin, 2009
Kings Waterhole	NSW	-33.02	150.67	280	LakeWetland	Charcoal	Concentration	6250YBP(+/-240)	30YBP	28	Black and Mooney, 2007
Kingston Common	NSW	-29.05	167.95	2	LakeWetland	Pollen	Ecological assemblage	6176YBP(+/-427)	NA	NA	Macphail et al., 2001; Macphail and Hope, 1997; Macphail and Neale, 1996
Kurnell Fen	NSW	-34.01	151.20	15	LakeWetland	Pollen	Ecological assemblage	8818YBP(+/-177)	NA	NA	Martin, 1994
Lake Ainsworth	NSW	-28.77	153.58	8	LakeWetland	Diatoms	Ecological assemblage	127YBP(+/-7)	-49YBP(+/-2)	NA	Tibby et al., 2007
Lake Baraba	NSW	-34.22	150.22	305	LakeWetland	Pollen	Ecological assemblage	NA	NA	105	Black et al., 2006
Lake Bumbo	NSW	-36.06	150.03	0	LakeWetland	Diatoms	Ecological assemblage	5500YBP	NA	NA	Tibby, 1996; 1998
Lake Couridjah	NSW	-34.23	150.54	310	LakeWetland	NA	NA	NA	NA	NA	Clark, 1997*
Lake Cudgen	NSW	-28.33	153.56	10	LakeWetland	NA	NA	NA	NA	NA	Wills, 2001*
Lake George	NSW	-35.00	149.42	673	LakeWetland	Pollen	Ecological assemblage	730000YBP	0YBP	NA	Singh and Geissler, 1985
Lake Hiawatha	NSW	-29.81	153.26	5	LakeWetland	Diatoms	Ecological assemblage	NA	NA	NA	Lane, 1999
Lake Macquarie	NSW	-33.05	151.60	0	LakeWetland	Sediment	Geochemistry	NA	NA	8	Peters et al., 1999
Lake Minnie Water	NSW	-29.78	153.26	27	LakeWetland	Diatoms	Ecological assemblage	NA	NA	NA	Lane, 1999; Allan, 2006
Lake Tabourie	NSW	-35.42	150.41	5	LakeWetland	NA	NA	NA	NA	NA	Fitzgerald, 1998*
Loudens Lagoon	NSW	-30.73	147.57	144	LakeWetland	Charophytes, macrophytes, invertebrate fossils, diatoms	Ecological assemblage	50000YBP	-58YBP	NA	Yu et al., 2015
McKenna's Lagoon	NSW	-34.42	145.51	105	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006

Micalong Swamp	NSW	-35.32	148.52	980	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	16000YBP	NA	NA	Kemp and Hope, 2014
Mill Creek	NSW	-33.39	151.04	4	LakeWetland	Pollen	Ecological assemblage	10458YBP(+/-215)	-40YBP	NA	Dodson and Thom, 1992
Mill Creek	NSW	-33.39	151.04	4	LakeWetland	Pollen, sediment	Ecological assemblage, accumulation rates, sedimentological properties	684YBP(+/-106)	-43YBP(+/-0)	7	Johnson, 2000
Mountain Lagoon	NSW	-33.50	150.52	604	LakeWetland	Pollen, charcoal, sediment	Ecological assemblage, charcoal accumulation, carbon content	23484YBP	NA	NA	Robbie, 1998, Robbie and Martin, 2007
Muellers Rock	NSW	-35.39	148.50	1102	LakeWetland	NA	NA	NA	NA	NA	Worthy et al., 2005
Mulloon Creek Swamp	NSW	-35.44	149.56	799	LakeWetland	NA	NA	NA	NA	NA	Hope, G.S., Unpub.
Myall Lakes	NSW	-32.50	152.00	8	LakeWetland	Macrofossils	Ecological assemblage	793YBP(+/-106)	-51YBP	13	Leyden et al., 2011
Myall Lakes	NSW	-32.50	152.00	8	LakeWetland	Sediment	Geochemistry	12508YBP	1603YBP	NA	Skilbeck et al., 2005
Newnes Swamp	NSW	-33.38	150.22	1060	LakeWetland	Pollen	Ecological assemblage	11038YBP(+/-160)	0YBP	970	Chalson and Martin, 2009
North Bay H1	NSW	-31.50	159.08	5	LakeWetland	Geochemistry, sediment	concentration, size fraction	485YBP(+/-35)	-62YBP	1	Martin et al., 2014
Notts Swamp	NSW	-33.81	150.41	682	LakeWetland	Pollen	Ecological assemblage	6478YBP(+/-80)	0YBP	420	Chalson and Martin, 2009
Nursery Swamp	NSW	-35.41	148.58	1092	LakeWetland	Pollen	Ecological assemblage	8000YBP	0YBP	NA	Rogers and Hope, 2006
Oaks Creek	NSW	-37.59	146.17	610	LakeWetland	Pollen	Ecological assemblage	6347YBP(+/-327)	NA	420	McKenzie, 2002
Old Settlement 1	NSW	-31.50	159.08	5	LakeWetland	Sediment	elemental concentrations, size fraction, loss on ignition	510YBP(+/-25)	-62YBP	1	Martin et al., 2014
Old Settlement 3	NSW	-31.50	159.08	5	LakeWetland	Sediment	elemental concentrations, size fraction, loss on ignition	613YBP(+/-38)	-62YBP	1	Martin et al., 2014
Old Settlement Swamp	NSW	-31.54	159.08	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Dodson, 1982
Pelican Island	NSW	-33.3	151.48	0	LakeWetland	Sediment	Grain size, geochemistry, magnetic data	9000YBP(+/-400)	NA	88	Macreadie et al., 2015
Penrith Lakes	NSW	-33.71	150.68	18	LakeWetland	Pollen	Ecological assemblage	37600YBP	0YBP	380	Charlson and Martin, 2008
Pine Camp	NSW	-34.75	141.13	21	LakeWetland	Pollen	Ecological assemblage	32000YBP(+/-1900)	0YBP	340	Cupper, 2005
Pinetrees Swamp	NSW	-31.50	159.08	10	LakeWetland	Geochemistry, sediment	concentration, size fraction	5520YBP(+/-50)	-62YBP	1	Martin et al., 2014
Polblue Swamp	NSW	-31.97	151.42	1450	LakeWetland	Peat	Accumulation rate	6118YBP(+/-793)	NA	NA	Dodson, 1987
Queens Swamp	NSW	-33.90	150.59	665	LakeWetland	Charcoal	Charcoal concentration	NA	NA	NA	Mooney, S., Unpub
Redhead Lagoon	NSW	-32.98	151.72	85	LakeWetland	Pollen	Ecological assemblage	79100YBP(+/-5200)	3290YBP(+/-69)	115	Williams et al., 2006
Rennix Gap	NSW	-36.22	148.30	1570	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Hope, G.S., Unpub.
Roch Arch Swamp	NSW	-34.30	150.39	575	LakeWetland	NA	NA	NA	NA	NA	Hope, 2005b
Ryans Swamp	NSW	-35.09	150.39	8	LakeWetland	NA	NA	NA	NA	NA	Radclyffe, 1993*
Sapphire Swamp	NSW	-32.07	151.57	1280	LakeWetland	Peat	Accumulation rate	223YBP(+/-223)	NA	NA	Dodson, 1987
Snowy Flats	NSW	-35.54	148.47	1618	LakeWetland	Peat, pollen	Accumulation rate, ecological assemblage	7130YBP(+/-70)	NA	NA	Hope et al., 2005

South Salvation Creek Swamp	NSW	-33.63	151.26	132	LakeWetland	Pollen	Ecological assemblage	5000YBP	NA	NA	Kodela and Dodson, 1988
Tareena Billabong	NSW	-33.9	141.00	20	LakeWetland	Diatoms, pollen	Ecological assemblage	5531YBP(+/-200)	NA	1000	Gell et al., 2005b
Terragong Swamp	NSW	-34.67	150.83	1	LakeWetland	Pollen	Ecological assemblage	4932YBP(+/-345)	NA	NA	Jones, 1990
The Gap and Coturaundee	NSW	-30.00	142.67	120	LakeWetland	Pollen	Ecological assemblage	7377YBP(+/-102)	219YBP(+/-219)	NA	Allen et al., 2000
Thirlmere Lakes	NSW	-34.40	150.54	590	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Rose and Martin, 2007
Tom Gregory Swamp	NSW	-35.38	148.49	1024	LakeWetland	Peat, pollen	Accumulation rate, ecological assemblage	13455YBP(+/-255)	NA	NA	Hope, 2005a
Tooperoopna	NSW	-34.01	141.64	30	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Cupper et al., 2000
Top Swamp	NSW	-31.90	151.40	1500	LakeWetland	Peat	Accumulation rate	3541YBP(+/-178)	NA	NA	Dodson, 1987
Tuckean Swamp	NSW	-28.98	153.40	10	LakeWetland	Diatom	Ecological assemblage	7443YBP(+/-4)	-4YBP(+/-5)	NA	Taffs et al., 2008
Upper Snowy Mountains	NSW	-36.46	148.30	1940	LakeWetland	Dust	Concentration, trace elements	6493YBP	4YBP	16	Marx et al., 2011
Warrananga	NSW	-33.97	141.56	22	LakeWetland	Pollen	Ecological assemblage	53400YBP(+/-8000)	0YBP	270	Cupper, 2005
Warrananga	NSW	-33.97	141.56	22	LakeWetland	Pollen	Ecological assemblage	5079YBP(+/-208)	0YBP	540	Cupper et al., 2000
Warrimoo Swamp	NSW	-33.72	150.62	195	LakeWetland	Pollen	Ecological assemblage	4668YBP(+/-140)	738YBP(+/-80)	230	Chalson and Martin, 2009
Wet Lagoon	NSW	-34.47	149.25	700	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	5000YBP	0YBP	NA	Dodson, 1986
Wildes Meadow Swamp	NSW	-34.62	150.51	670	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Kodela, 1996*
Willigobung Swamp	NSW	-35.66	148.04	780	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	12580YBP(+/-170)	NA	260	Kemp and Hope, 2014
Wingecarribee Swamp	NSW	-34.57	150.52	685	LakeWetland	NA	NA	NA	NA	NA	de Montford, 2008*
Worimi Swamp	NSW	-32.52	152.33	8	LakeWetland	Charcoal	Concentration	2796YBP	-20YBP	26	Mooney and Maltby, 2006
Yanco Agricultural High Weir	NSW	-34.63	146.39	142	LakeWetland	Sediment, diatoms	Sedimentation rate, ecological assemblage	NA	NA	NA	Gell and Little, 2006
Anbangbang 1	NT	-13.00	133.00	320	LakeWetland	Charcoal, macrofossils	Charcoal concentration, ecological assemblage	5770 14C YBP (+/-100)	0 YBP	NA	Clark, 1985
Annaburroo Billabong	NT	-12.92	131.67	20	LakeWetland	Sediment	Grain size, Geochemistry	636YBP(+/-46)	-48YBP(+/-4)	15	Zhang et al., 2011
Four Mile Billabong	NT	-13.87	136.82	1	LakeWetland	Pollen	Ecological assemblage	11488YBP(+/-260)	908YBP(+/-349)	37	Shulmeister, 1992
Ki'ina	NT	-12.85	132.55	1	LakeWetland	Sediment, pollen	Stratigraphy/grain size, ecological assemblage	6200	NA	NA	Russell-Smith, 1985
Magela Floodplain	NT	-12.50	132.80	3	LakeWetland	Pollen	Ecological assemblage	4803YBP(+/-233)	NA	NA	Clark and Guppy, 1988
Magela Floodplain	NT	-12.50	132.80	3	LakeWetland	Sediment	Sedimentation rate, geochemistry	950YBP	-50YBP	40	Wasson et al., 2007
Quambie Lagoon	NT	-12.50	131.17	20	LakeWetland	NA	NA	NA	NA	NA	Stevenson, J., Unpub.
Adelaide Tarn	NZ	-40.56	172.32	1250	LakeWetland	Pollen	Ecological assemblage	15900YBP(+/-700)	0YBP	140	Jara et al., 2015
Ahukawakawa Swamp	NZ	-39.20	174.00	920	LakeWetland	Pollen	Ecological assemblage	3630YBP(+/-80)	NA	NA	McGlone et al., 1988
Ajax Bog	NZ	-46.42	169.29	650	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2009

Awana Swamp	NZ	-36.20	175.47	3	LakeWetland	Phytoliths, pollen	Ecological assemblage	NA	NA	NA	Horrocks et al., 1999
BA Road	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Ben Dhu	NZ	-44.40	169.80	600	LakeWetland	Pollen	Ecological assemblage	800YBP	0YBP	NA	McGlone and Moar, 1998
Blackwells' Bush	NZ	-36.24	175.47	1	LakeWetland	Pollen	Ecological assemblage	3000YBP	0YBP	NA	Horrocks et al., 2000a
Blue Spur Road	NZ	-42.70	171.00	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Bullock Creek	NZ	-42.10	171.30	NA	LakeWetland	Pollen	Ecological assemblage	486000YBP	NA	NA	Moar and Suggate, 1996
Campbell Creek	NZ	-45.40	169.20	1250	LakeWetland	Pollen	Ecological assemblage	NA	NA	122	McGlone et al., 1997a
Candle Light	NZ	-42.50	171.10	70	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Chesterfield Road	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Clark's Junction	NZ	-45.72	170.11	520	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2001
Cropp Hut	NZ	-43.08	170.97	895	LakeWetland	Pollen	Ecological assemblage	7837YBP	0YBP	NA	McGlone and Basher, 2012
Curreen's Gate	NZ	-36.21	175.47	NA	LakeWetland	Pollen	Ecological assemblage	700YBP	550YBP	NA	Horrocks et al., 2001
Curreen's Paddock	NZ	-36.21	175.47	0	LakeWetland	Pollen	Ecological assemblage	6870YBP(+/-110)	0YBP	NA	Horrocks et al., 1999
Deas Head Bog	NZ	-50.50	166.20	20	LakeWetland	Pollen	Ecological assemblage	11951YBP(+/-95)	NA	NA	McGlone, 2002b; McGlone et al., 2000
Deas Head Forest	NZ	-50.50	166.20	20	LakeWetland	Pollen	Ecological assemblage	11080YBP(+/-120)	NA	NA	McGlone, 2002b; McGlone et al., 2000
Duncan Stream	NZ	-44.10	170.00	900	LakeWetland	Pollen	Ecological assemblage	7996YBP(+/-93)	0YBP	NA	McGlone and Moar, 1998
Eweburn Bog	NZ	-45.32	167.81	362	LakeWetland	Pollen	Ecological assemblage	11000YBP	NA	NA	Wilmshurst et al., 2002
Ferguson's Pond	NZ	-42.50	171.20	NA	LakeWetland	Pollen	Ecological assemblage	130000YBP	NA	NA	Moar and Suggate, 1996
Forsythes' Paddock	NZ	-36.26	175.47	1	LakeWetland	Pollen	Ecological assemblage	7500YBP	0YBP	NA	Horrocks et al., 2000a
GDK Corner	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Gibson's Swamp	NZ	-39.42	175.42	810	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Horrocks and Ogden, 1998
Glendhu	NZ	-45.83	169.75	602	LakeWetland	Pollen, charcoal, amoebae, desmids, macrofossils	Ecological assemblage, concentration	12000YBP	-40YBP	NA	McGlone and Wilmshurst, 1999
Graham's Terrace	NZ	-42.50	171.40	NA	LakeWetland	Pollen	Ecological assemblage	18500YBP(+/-350)	NA	NA	Moar and Suggate, 1996
Gray's Swamp	NZ	-36.21	175.47	10	LakeWetland	Pollen	Ecological assemblage	7000YBP	0YBP	NA	Horrocks et al., 1999
Halfmoon Bay	NZ	-46.80	169.10	15	LakeWetland	Pollen	Ecological assemblage	7300YBP	-31YBP	NA	McGlone and Wilson, 1996
Harataonga	NZ	-36.17	175.50	15	LakeWetland	Pollen	Ecological assemblage	6000YBP	0YBP	520	Horrocks et al., 2002b
Harataonga	NZ	-36.17	175.49	5	LakeWetland	Sediment, diatoms, pollen	grain size, ecological assemblage	6500YBP	0YBP	NA	Nichol et al., 2007
Hatter's Creek	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Holden's Bay Site 1	NZ	-38.12	176.30	285	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 1983

Holden's Bay Site 2	NZ	-38.12	176.30	285	LakeWetland	Pollen	Ecological assemblage	4000YBP	64YBP	2350	McGlone, 1983
Hooker Cliffs	NZ	-52.57	169.15	90	LakeWetland	Pollen	Ecological assemblage	12950YBP(+/-200)	NA	NA	McGlone et al., 1997b; McGlone, 2002b
Hyde Rock	NZ	-45.40	169.20	1540	LakeWetland	Pollen	Ecological assemblage	7463YBP(+/-97)	NA	400	McGlone et al., 1997a
Idaburn	NZ	-45.00	169.70	420	LakeWetland	Pollen	Ecological assemblage	7500YBP	0YBP	NA	McGlone and Moar, 1998
Kaitoke Swamp	NZ	-36.23	175.44	1	LakeWetland	Pollen, sediment	Ecological assemblage, grain size	7295YBP(+/-75)	0YBP	NA	Horrocks et al., 2000b
Kaitoke Tongue	NZ	-36.23	175.44	1	LakeWetland	Pollen	Ecological assemblage	1000YBP	0YBP	NA	Horrocks et al., 2001
Kettlehole Bog	NZ	-43.05	171.79	600	LakeWetland	Pollen, sediment	Ecological assemblage, $\delta^{13}C$	16340YBP(+/-520)	0YBP	195	McGlone et al., 2004
Kohuora	NZ	-36.57	174.52	73	LakeWetland	Pollen	Ecological assemblage	32000YBP	NA	100	Newnham et al., 2007
Kumara Cemetery	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Lake Maratoto	NZ	-37.88	175.30	52	LakeWetland	Sediment	Sedimentation rate	16300YBP (+/-250)	NA	NA	Green and Lowe, 1985
Lake Mudgie	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Lake Ohau	NZ	-44.23	169.85	520	LakeWetland	Sediment	Varves	24YBP	-61YBP	1	Roop et al., 2016
Lake Poukawa	NZ	-39.78	176.72	20	LakeWetland	Phytoliths	Ecological assemblage	113000YBP(+/-7000)	1800YBP	NA	Carter, 2002
Lake Poukawa	NZ	-39.78	176.72	20	LakeWetland	Pollen	Ecological assemblage	6500YBP	NA	NA	McGlone, 2002a
Lake Poukawa	NZ	-39.78	176.72	20	LakeWetland	Diatoms	Ecological assemblage	3700YBP	0YBP	113	Harper et al., 1986
Lake Pupke	NZ	-37.31	175.28	130	LakeWetland	Organic matter	Stable isotopes	7040	0YBP	11	Heyng et al., 2012
Lake Pupuke	NZ	-36.79	175.77	5	LakeWetland	Sediment, Pollen	Ecological assemblage, geochemistry	9500YBP	NA	NA	Horrocks et al., 2005
Lake Pupuke	NZ	-36.79	175.77	5	LakeWetland	Biogenic silica, GDGTs	$\delta^{18}O$ of silica, distribution of GDGTs	7110YBP	1320YBP	23	Heyng et al., 2015
Lake Pupuke	NZ	-36.79	175.77	5	LakeWetland	Sediment, diatoms	Ecological assemblage, $\delta^{13}C$ , geochemistry	134YBP	-50YBP	5	Augustinus et al., 2006
Lake Tauanui	NZ	-35.50	175.86	230	LakeWetland	Pollen	Ecological assemblage	4165YBP(+/-174)	0YBP	105	Elliot et al., 1998
Lake Tutira	NZ	-39.23	176.89	150	LakeWetland	Sediment, pollen, diatoms	Grain size, ecological assemblage, geochemistry	7200YBP	NA	NA	Page, 2010
Lake Tutira	NZ	-39.23	176.89	150	LakeWetland	Sediment	Stratigraphy	6800YBP	36YBP(+/-36)	100	Eden and Page, 1998; Gomez et al., 2012
Lake Tutira	NZ	-39.23	176.89	150	LakeWetland	Pollen	Ecological assemblage	1939YBP	NA	NA	Wilmshurst et al., 1997
Lake Waiau Swamp	NZ	-39.78	174.67	56	LakeWetland	Pollen	Ecological assemblage	2789YBP(+/-430)	0YBP	140	Bussell, 1988
Letham Burn	NZ	-45.60	167.99	460	LakeWetland	Pollen	Ecological assemblage	12599YBP(+/-150)	NA	NA	Vandergoes et al., 1997
Longwood	NZ	-46.20	167.80	670	LakeWetland	Pollen	Ecological assemblage	12000YBP	NA	NA	McGlone and Bathgate, 1983
Maria's Mire	NZ	-42.50	171.50	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Martin's Quarry	NZ	-41.75	171.50	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Merrivale	NZ	-46.00	167.80	60	LakeWetland	Pollen	Ecological assemblage	12000YBP	NA	NA	McGlone and Bathgate, 1983

Moanatuatua Bog	NZ	-37.93	175.37	60	LakeWetland	Pollen, plant cuticles	Ecological assemblage	15000YBP	0YBP	550	Haenfling et al., 2016
Mt. Hauhungatahi Site 1020	NZ	-39.20	175.40	1000	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Horrocks and Ogden, 1998
Mt. Hauhungatahi Site 1140	NZ	-39.20	175.40	1150	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Horrocks and Ogden, 1998
Mt. Hauhungatahi Site 1170	NZ	-39.20	175.40	1200	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Horrocks and Ogden, 1998
Nan's Kettle	NZ	-42.50	171.50	NA	LakeWetland	Pollen	Ecological assemblage	9230YBP(+/-100)	NA	NA	Moar and Suggate, 1996
Northern Awana	NZ	-36.20	175.47	NA	LakeWetland	Pollen	Ecological assemblage	650YBP	500YBP	NA	Horrocks et al., 2001
Oropuke	NZ	-44.00	176.50	290	LakeWetland	Pollen	Ecological assemblage	14000YBP	520YBP(+/-60)	NA	McGlone, 2002b
Otamangakau Canal	NZ	-39.00	175.60	600	LakeWetland	Pollen	Ecological assemblage	15000YBP	10300YBP	NA	McGlone and Topping, 1977, 1983
Papamoa Bog	NZ	-37.70	176.30	8	LakeWetland	Pollen	Ecological assemblage	4620YBP(+/-80)	NA	60	Newnham et al., 1995
Paranoa Swamp	NZ	-34.40	172.80	6	LakeWetland	Pollen	Ecological assemblage	17000YBP	NA	NA	Dodson et al., 1988
Paroa	NZ	-42.50	171.20	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Pleasant River	NZ	-45.50	173.70	5	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2001
Police Station Swamp	NZ	-36.24	175.45	5	LakeWetland	Pollen, sediment	Ecological assemblage, grain size	5200YBP	0YBP	NA	Horrocks et al., 2000b
Pomahaka Road	NZ	-46.00	169.20	875	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2001
Potaema Bog	NZ	-39.30	174.20	670	LakeWetland	Pollen	Ecological assemblage	3510YBP(+/-110)	NA	NA	McGlone et al., 1988
Potters Bog	NZ	NA	NA	1200	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2001
Quagmire Tarn	NZ	-43.30	171.10	740	LakeWetland	Pollen	Ecological assemblage	11900YBP(+/-200)	NA	NA	Burrows and Russell, 1990
Rakeahua	NZ	-46.90	167.90	681	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone and Wilson, 1996
Rangihoua	NZ	-35.17	174.08	2	LakeWetland	Pollen, diatoms	Ecological assemblage	7400YBP	0YBP	NA	Horrocks et al., 2007
Rangitaiki Site 1	NZ	-37.90	176.90	NA	LakeWetland	Pollen	Ecological assemblage	2100YBP	NA	NA	Campbell et al., 1973
Rangitaiki Site 2	NZ	-37.90	176.90	NA	LakeWetland	Pollen	Ecological assemblage	5200YBP	NA	NA	Campbell et al., 1973
Rangitaiki Site 3	NZ	-37.70	176.20	NA	LakeWetland	Pollen	Ecological assemblage	2700YBP	NA	NA	Campbell et al., 1973
Ranui Cove	NZ	-50.50	166.20	5	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2002b
Repongaere Swamp	NZ	-38.59	177.87	18	LakeWetland	Pollen	Ecological assemblage	5430YBP(+/-60)	NA	NA	Wilmshurst et al., 1999
Rocky Bay	NZ	-52.57	169.15	130	LakeWetland	Pollen	Ecological assemblage	13000YBP	NA	NA	McGlone et al., 1997b; McGlone, 2002b
Rotonuihua	NZ	-38.90	177.00	270	LakeWetland	Pollen, sediment	Ecological assemblage, grain size	1821YBP	41YBP	44	Wilmshurst et al., 1997
Round Lake	NZ	-39.65	176.97	40	LakeWetland	Pollen	Ecological assemblage	3507YBP(+/-134)	0YBP	8	Chester and Prior, 2004
Ruined Hut	NZ	-45.45	169.20	1400	LakeWetland	Pollen	Ecological assemblage	6774YBP(+/-75)	NA	557	McGlone et al., 1997a
Shantytown	NZ	-42.50	171.20	NA	LakeWetland	Pollen	Ecological assemblage	23700YBP(+/-600)	NA	NA	Moar and Suggate, 1996
Steadman Creek	NZ	-43.08	170.97	820	LakeWetland	Pollen	Ecological assemblage	10295YBP(+/-95)	NA	NA	McGlone and Basher, 2012

Sunday Creek	NZ	-42.70	171.10	NA	LakeWetland	Pollen	Ecological assemblage	5000YBP	NA	NA	Moar and Suggate, 1996
Tarkus Knob	NZ	-43.08	170.97	950	LakeWetland	Pollen	Ecological assemblage	9337YBP	0YBP	NA	McGlone and Basher, 2012
Te Werahi Swamp	NZ	-34.48	172.71	15	LakeWetland	Pollen	Ecological assemblage	3700YBP	NA	NA	Dodson et al., 1988
Teviot Swamp	NZ	NA	NA	980	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2001
Toitoi	NZ	-47.10	169.98	35	LakeWetland	Pollen	Ecological assemblage	10100YBP	0YBP	NA	McGlone and Wilson, 1996
Travis Swamp	NZ	-43.40	172.69	2	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	McGlone, 2009
Upper Ruined Hut Bog	NZ	-45.45	169.20	1420	LakeWetland	Dust	Concentration, trace elements	7779YBP	134YBP	38	Marx et al., 2009
Waatarua wetland	NZ	-36.90	174.82	40	LakeWetland	Pollen, diatoms	Ecological assemblage	6000YBP	NA	NA	Horrocks et al., 2002a
Waihi Beach	NZ	-37.41	175.93	8	LakeWetland	Pollen	Ecological assemblage	2900YBP(+/-100)	0YBP	60	Newnham et al., 1995
Waikaremoana	NZ	-38.45	177.02	582	LakeWetland	Sediment, Pollen	Accumulation rate, ecological assemblage	1850YBP(+/-10)	0YBP	100	Newnham et al., 1998
Wairehu	NZ	-39.00	175.60	610	LakeWetland	Pollen	Ecological assemblage	15000YBP	NA	NA	McGlone and Topping, 1977
Waverley Beach	NZ	-39.83	174.62	0	LakeWetland	Pollen	Ecological assemblage	7000YBP(+/-100)	5570YBP(+/-80)	43	Bussell, 1988
Wilson's Lead Road	NZ	41.70	171.40	NA	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Moar and Suggate, 1996
Windy Tarn	NZ	-43.30	171.10	750	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Burrows and Russell, 1990
Anumon Swamp	Pacific	-20.16	169.00	45	LakeWetland	NA	NA	NA	NA	NA	Hope, 1996b
Doge Doge	Pacific	-17.91	177.28	8	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Hope et al., 2009b
Evoran Pond	Pacific	-18.76	169.01	194	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Hope, G.S., Unpub.
Hgerdok	Pacific	7.52	134.60	25	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Koumac 1	Pacific	-20.65	164.28	2	LakeWetland	Sediment, pollen	Mineralogy, elemental abundances, charcoal accumulation, ecological assemblage	1200YBP	0YBP	NA	Wirmann et al., 2006, Hope et al., 1999
Koumac 2	Pacific	-20.65	164.28	2	LakeWetland	Sediment, pollen	Mineralogy, elemental abundances, charcoal accumulation, ecological assemblage	2200YBP	0YBP	NA	Wirmann et al., 2006, Hope et al., 1999
Lac Boulet	Pacific	-22.29	166.98	228	LakeWetland	Pollen	Ecological assemblage	33280YBP(+/-1027)	NA	NA	Hope and Pask, 1998
Lac Emeric	Pacific	-22.29	166.98	230	LakeWetland	Pollen	Ecological assemblage	34392YBP(+/-881)	NA	NA	Hope and Pask, 1998
Lac Suprin	Pacific	-22.29	166.98	235	LakeWetland	Pollen	Ecological assemblage	34355YBP(+/-1611)	NA	NA	Hope and Pask, 1998
Lac Xere Wapo	Pacific	-22.29	166.98	235	LakeWetland	Pollen	Ecological assemblage	36531YBP(+/-1037)	NA	NA	Hope and Pask, 1998
Laukutu Swamp	Pacific	-9.48	160.09	20	LakeWetland	Pollen	Ecological assemblage	2019YBP(+/-289)	NA	NA	Haberle, 1996a
Mago Island	Pacific	-17.44	179.16	2	LakeWetland	Pollen	Ecological assemblage	7500YBP	5625YBP(+/-305)	NA	Hope et al., 2009b
Mela Swamp	Pacific	-9.48	160.09	20	LakeWetland	Pollen	Ecological assemblage	2029YBP(+/-282)	NA	NA	Haberle, 1996a
Nadrau	Pacific	-17.75	177.88	680	LakeWetland	Pollen	Ecological assemblage	2046YBP(+/-122)	NA	NA	Hope et al., 2009b

Nekkeng	Pacific	7.45	134.52	9	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Ngardmau	Pacific	7.61	134.57	10	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Ngerchau	Pacific	7.63	134.52	9	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Ngerkell	Pacific	7.61	134.63	10	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Olbed 1	Pacific	7.50	134.54	20	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Plum Swamp	Pacific	-22.26	166.61	10	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	21000YBP	NA	NA	Stevenson, 1998, Stevenson et al., 2001
Saint Louis Lac	Pacific	-22.23	166.55	5	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	7470YBP(+/-200)	600YBP(+/-90)	NA	Stevenson, 2004
Sari	Pacific	-16.63	179.50	67	LakeWetland	Pollen	Ecological assemblage	6500YBP(+/-930)	NA	NA	Hope et al., 2009b
Solveve	Pacific	-17.25	179.49	4	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Clark and Hope, 1997
Tagamaucia	Pacific	-16.49	-179.56	820	LakeWetland	Pollen	Ecological assemblage	34000YBP	NA	NA	Hope, 1996a; Hope et al., 2009b
Vunimoli	Pacific	-18.22	177.88	251	LakeWetland	Pollen	Ecological assemblage	2820YBP	NA	NA	Hope et al., 1999; Hope et al., 2009b
Waitabu	Pacific	-18.23	178.78	43	LakeWetland	NA	NA	NA	NA	NA	Latham et al., 1983
Xere Wapo B	Pacific	-22.29	166.97	220	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Stevenson and Hope, 2005
Yacata	Pacific	-17.16	179.51	4	LakeWetland	Pollen	Ecological assemblage	6485YBP(+/-1015)	NA	NA	Hope et al., 2009b
Yano	Pacific	7.38	134.54	40	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Athens and Ward, 2005
Caution Bay Core 1	PNG	-9.30	147.00	4	LakeWetland	Pollen	Ecological assemblage	1715YBP	0YBP	NA	Rowe et al., 2013
Caution Bay Core 3	PNG	-9.30	147.00	4	LakeWetland	Pollen	Ecological assemblage	2000YBP	0YBP	NA	Rowe et al., 2013
Haeapugua	PNG	-5.83	142.78	1650	LakeWetland	Charcoal, Pollen	Concentration, ecological assemblage	31818YBP(+/-818)	240YBP	NA	Haberle, 1998
Hogayaku	PNG	-3.98	137.38	3580	LakeWetland	Pollen	Ecological assemblage	34000YBP	NA	NA	Hope, 2007a
Ijomba	PNG	-4.03	137.22	3630	LakeWetland	Charcoal	Concentration	16625YBP(+/-375)	7350YBP(+/-80)	NA	Haberle and Ledru, 2001
Lake Habbema	PNG	-4.12	138.70	3120	LakeWetland	Charcoal	Concentration	11375YBP(+/-175)	NA	NA	Haberle and Ledru, 2001
Lake Hordorli	PNG	-2.53	140.55	680	LakeWetland	Pollen	Ecological assemblage	38544YBP(+/-2280)	NA	855	Hope and Tulip, 1994
Lake Majo	PNG	-1.47	127.48	140	LakeWetland	Charcoal	Concentration	4765YBP(+/-105)	1220YBP(+/-70)	NA	Haberle and Ledru, 2001
Noreikora Swamp	PNG	-6.33	145.83	1750	LakeWetland	Charcoal	Concentration	5085YBP(+/-215)	240YBP	NA	Haberle and Ledru, 2001
Noreikora Swamp	PNG	-6.33	145.83	1750	LakeWetland	Pollen	Ecological assemblage	5085YBP(+/-215)	240YBP	NA	Haberle, 1996b
Sondambile	PNG	-6.35	147.11	2850	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Haberle et al., 2005
Supulah Hill	PNG	-4.12	138.97	1580	LakeWetland	Pollen	Ecological assemblage	37369YBP(+/-2387)	NA	100	Hope, 1998
Tugupugua	PNG	-5.67	142.61	2300	LakeWetland	Pollen	Ecological assemblage	15225YBP(+/-975)	810YBP(+/-100)	NA	Haberle, 1998

Tugupugua	PNG	-5.67	142.61	2300	LakeWetland	Charcoal	Concentration	15225YBP(+/-975)	810YBP(+/-100)	NA	Haberle and Ledru, 2001
Ambathala shearing shed	QLD	-25.97	145.33	330	LakeWetland	Faeces, pollen, macrofossils	$\delta^{13}\text{C}$ , ecological assemblage	20YBP	-45YBP	NA	Witt et al., 2006
Beelbi Creek	QLD	-25.25	152.67	5	LakeWetland	Diatoms	Ecological assemblage, transfer function for nutrients	NA	NA	NA	Logan and Taffs, 2013
Bells Creek	QLD	-26.82	153.07	14	LakeWetland	Diatoms	Ecological assemblage, transfer function for nutrients	NA	NA	NA	Logan and Taffs, 2013
Belongil Creek	QLD	-28.62	153.60	5	LakeWetland	Diatoms	Ecological assemblage, transfer function for nutrients	NA	NA	NA	Logan and Taffs, 2013
Bromfield Swamp	QLD	-17.38	145.55	752	LakeWetland	Pollen	Ecological assemblage	12210YBP(+/-140)	677YBP(+/-112)	175	Kershaw, 1975
Bundjalung National Park	QLD	-29.19	153.38	10	LakeWetland	Pollen, sediment	Ecological assemblage, elemental analysis	8460YBP(+/-235)	NA	NA	McGrath and Boyd, 1998
Bungawalbin Creek	QLD	-29.11	153.22	1	LakeWetland	Pollen, sediment	Ecological assemblage, elemental analysis	7463YBP(+/-126)	NA	NA	McGrath and Boyd, 1998
Crescent Lagoon	QLD	-23.40	150.48	7	LakeWetland	Sediment	Accumulation rate	30YBP	-53YBP	3	Douglas et al., 2010
Deeral Landing	QLD	-17.20	145.90	5	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Crowley and Gagan, 1995
Eighteen Mile Swamp	QLD	-27.62	153.46	8	LakeWetland	Pollen	Ecological assemblage	2400YBP	NA	NA	Boyd, 1993
Eighteen Mile Swamp	QLD	-27.62	153.46	8	LakeWetland	Diatom	Ecological assemblage	650YBP	0YBP	NA	Mettam, 2011
Fitzroy River	QLD	-23.50	150.79	Various	LakeWetland	Sediment	Accumulation rate	8390YBP(+/-73)	8YBP(+/-35)	NA	Bostock et al., 2007
Hidden Lake	QLD	-25.23	153.17	100	LakeWetland	Sediment	Chronology	421YBP(+/-121)	-24YBP	1	Longmore et al., 1983; Torgersen and Longmore, 1984
Lake Allom	QLD	-25.23	153.17	100	LakeWetland	Pollen, charcoal	Ecological assemblage, accumulation	NA	-53YBP	45	Donders et al., 2006
Lake Barrine	QLD	-17.25	145.63	721	LakeWetland	Sediment	geochemistry, pollen, laminations	5160YBP(+/-292)	-37YBP(+/-1)	6	Walker, 2011
Lake Dunn	QLD	-22.60	145.68	-2	LakeWetland	NA	NA	NA	NA	NA	Sim, 2004*
Lake Eacham	QLD	-17.27	145.63	720	LakeWetland	Pollen	Ecological assemblage	-28YBP	-35YBP	NA	Goodfield, 1983; Grindrod, 1979
Lake Euramoo	QLD	-17.16	145.63	718	LakeWetland	Diatoms	Ecological assemblage	22680YBP(+/-750)	-49YBP	240	Tibby and Haberle, 2007
Lake Euramoo	QLD	-17.16	145.63	718	LakeWetland	Pollen	Ecological assemblage	22680YBP(+/-750)	-49YBP	31	Haberle, 2005
Lake McKenzie	QLD	-25.45	153.05	90	LakeWetland	Diatoms	Ecological assemblage, $\delta^{13}\text{C}$ , C/N	36179YBP(+/-604)	-55YBP (+/-2)	208	Hembrow et al., 2014
Lake McKenzie	QLD	-25.45	153.05	90	LakeWetland	Glycerol tetraether (GDGT) lipids	distribution	37300YBP(+/-400)	-55YBP(+/-5)	208	Woltering et al., 2014
Lake McKenzie	QLD	-25.45	153.05	90	LakeWetland	Pollen, charcoal, sediment	Ecological assemblage, charcoal accumulation, organic carbon, nitrogen, $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ , lipid analysis	36900YBP	-55YBP(+/-5)	NA	Atahan et al., 2015
Louisa Creek	QLD	-24.87	147.18	440	LakeWetland	Pollen	Ecological assemblage	917YBP(+/-145)	NA	40	Bell et al., 1989
Lynch's Crater	QLD	-17.62	146.17	760	LakeWetland	Pollen	Ecological assemblage	230000YBP	3385YBP(+/-172)	NA	Kershaw, 1983; Kershaw et al., 2007a
Moon Point	QLD	-25.22	153.06	7	LakeWetland	Sediment, Pollen, Charcoal	Ecological assemblage, charcoal accumulation	34136YBP	-62YBP	NA	Moss et al., 2016
Mount Quincan	QLD	-17.30	145.58	730	LakeWetland	Peat, charcoal	Degree of humification, charcoal accumulation	6900YBP	NA	8	Burrows et al., 2014

Mutcherio	QLD	-17.20	145.90	5	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Crowley and Gagan, 1995
Native Companion Lagoon	QLD	-27.67	153.41	20	LakeWetland	Dust	Geochemistry	25000YBP	0YBP	67	Petherick et al., 2009
Native Companion Lagoon	QLD	-27.67	153.41	20	LakeWetland	Dust	Concentration, trace elements	25000YBP	538YBP(+/-18)	30	McGowan et al., 2008
Native Companion Lagoon	QLD	-27.68	153.41	27	LakeWetland	Pollen	Ecological assemblage	31100YBP	640YBP	605	Moss et al., 2013
North Stradbroke Island	QLD	-27.62	153.46	25	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Flood, 1984
Old Lake Coomboo	QLD	-25.22	153.20	90	LakeWetland	Pollen	Ecological assemblage	NA	81YBP(+/-54)	1000	Longmore, 1997
Quincan Crater	QLD	-17.30	145.58	630	LakeWetland	Pollen	Ecological assemblage	8031YBP(+/-350)	NA	3800	Kershaw, 1971
Richmond River	QLD	-28.48	152.97	100	LakeWetland	Diatom	Ecological assemblage	5451YBP(+/-133)	-57YBP(+/-1)	NA	Logan et al., 2011
Theresa/Capella Creek	QLD	-23.00	148.04	Various	LakeWetland	Geochemistry	Chemical composition	791YBP(+/-69)	-48YBP	10	Hughes et al., 2009
Tin Can Bay Swamp	QLD	-25.90	153.00	2	LakeWetland	Sediment	$\delta^{13}\text{C}$ , NMR spectrometry	18580 14C YBP	NA	NA	Krull et al., 2004
Tortoise Lagoon	QLD	-27.52	153.47	39	LakeWetland	Pollen	Ecological assemblage	37000YBP	0YBP	740	Moss et al., 2013
Vanderlin Island	QLD	-15.68	137.03	6	LakeWetland	Sediments, diatoms, pollen	Geochemistry, ecological assemblage	9410YBP(+/-150)	NA	NA	Prebble et al., 2005
Wathumba Swamp	QLD	-24.99	153.26	6	LakeWetland	Sediment, pollen, charcoal	Ecological assemblage, charcoal accumulation	4283YBP	120YBP	NA	Moss et al., 2016
Welsby Lagoon	QLD	-27.44	153.45	29	LakeWetland	Pollen	Ecological assemblage	26000YBP	190YBP	295	Moss et al., 2013
Whitehaven Swamp	QLD	-20.30	148.90	45	LakeWetland	Pollen	Ecological assemblage	7740YBP(+/-60)	NA	NA	Genever et al., 2003
Wyvuri Swamp	QLD	-17.30	146.00	7	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Crowley and Gagan, 1995
Ajax Achilles	SA	-34.33	140.58	20	LakeWetland	Sediment	Accumulation rate	NA	NA	NA	Gell et al., 2009
Blue Lake	SA	-37.01	140.01	24	LakeWetland	Diatom	Ecological assemblage, Mg/Ca, Sr/Ca, Na/Ca, $\delta^{18}\text{O}$ , $\delta^{13}\text{C}$	5690YBP(+/-185)	0YBP	45	Gouramanis et al., 2010
Blue Tea Tree Swamp	SA	-37.62	140.53	77	LakeWetland	Pollen	Ecological assemblage	9615YBP(+/-288)	NA	NA	Dodson and Wilson, 1975
Boat Harbour Creek Swamp	SA	-35.59	138.28	290	LakeWetland	Pollen	Ecological assemblage	8218YBP(+/-545)	16YBP	470	Bickford and Gell, 2005
Bolin Billabong	SA	-37.77	145.67	50	LakeWetland	Diatom, Pollen	Ecological assemblage	830YBP	-50YBP(+/-2)	15	Leahy et al., 2005
Bonneys Camp	SA	-36.14	139.76	25	LakeWetland	Diatom	Ecological assemblage	NA	55YBP	30	Taffs, 2001
Brownes Lake	SA	-37.75	140.75	80	LakeWetland	Sediment	Pollen	NA	NA	NA	Dodson, 1975
Coorong	SA	-35.62	139.05	0	LakeWetland	Diatoms, Pollen	Ecological assemblage	7155YBP(+/-136)	12YBP	NA	Fluin et al., 2007
Dalhousie Springs	SA	-26.42	135.50	150	LakeWetland	Pollen	Ecological assemblage	1621YBP(+/-200)	NA	NA	Boyd, 1990
Flinders Ranges	SA	-30.32	139.39	120	LakeWetland	Pollen	Ecological assemblage	12742YBP(+/-173)	594YBP(+/-134)	NA	McCarthy et al., 1996
Gorge Weir	SA	-31.92	139.90	214	LakeWetland	Sediment, diatoms	Ages, ecological assemblage	-8YBP	-46YBP	4	Gell et al., 1999
Jaffray Swamp	SA	-36.14	139.76	25	LakeWetland	Diatom	Ecological assemblage	NA	55YBP	200	Taffs, 2001
Kangaroo Creek Reservoir	SA	-34.87	138.77	260	LakeWetland	Diatom	Ecological assemblage	-21YBP	-51YBP	1	Tibby et al., 2010

Lake Alexandrina	SA	-35.35	139.38	0	LakeWetland	Diatoms, Pollen	Ecological assemblage	7822YBP(+/-553)	28YBP	NA	Fluin et al., 2007
Lake Alexandrina	SA	-35	139	0	LakeWetland	Diatoms	Ecological assemblage	7000 14C YBP (+/-300)	-4YBP	NA	Reid et al., 2002; Gell et al., 2005a
Lake Bonney	SA	-37.75	140.33	10	LakeWetland	Diatom	Ecological assemblage	4800YBP(+/-500)	NA	NA	Haynes et al., 2007
Lake Frome	SA	-30.62	139.87	1	LakeWetland	Diatom	Ecological assemblage	NA	NA	NA	Haynes et al., 2007
Lake Frome	SA	-30.50	139.50	40	LakeWetland	Pollen	Ecological assemblage	20549YBP(+/-782)	NA	NA	Luly, 2001; Singh and Luly, 1991
Lake Leake	SA	-37.60	140.58	85	LakeWetland	Pollen	Ecological assemblage	10713YBP(+/-414)	0YBP	NA	Dodson, 1974a
Lashmars Lagoon	SA	-35.80	138.07	2	LakeWetland	Pollen	Ecological assemblage	9624YBP(+/-1128)	0YBP	NA	Singh et al., 1981; Illman, 1997
Loch Luna	SA	-34.25	140.24	20	LakeWetland	Diatom	Ecological Assemblage	200YBP	NA	NA	Gell et al., 2007
Loveday Wetland	SA	-34.25	140.24	20	LakeWetland	Diatom	Ecological Assemblage	NA	NA	NA	Gell et al., 2007
Mt Burr Swamp	SA	-37.62	140.53	77	LakeWetland	Pollen	Ecological assemblage	8211YBP(+/-188)	NA	NA	Dodson and Wilson, 1975
Mullins Swamp	SA	-37.52	140.13	13	LakeWetland	Diatom	Ecological assemblage	4900YBP(+/-138)	NA	NA	Haynes et al., 2007
Mundic Wetland	SA	-34.21	140.79	20	LakeWetland	NA	NA	NA	NA	NA	Fluin and Gell, 2008
Muroondi Wetland	SA	-35	139	NA	LakeWetland	Diatoms	Ecological assemblage	4284YBP(+/-64)	>-8YBP	NA	Gell et al., 2005a
North Stromatolite Lake	SA	-36.17	139.67	10	LakeWetland	Diatom, ostracod	Ecological assemblage	NA	-46YBP	NA	Edwards et al. 2006
Northern Flinders Ranges	SA	-30.32	139.39	175	LakeWetland	Pollen	Ecological assemblage	8460YBP(+/-235)	0YBP	NA	McCarthy and Head, 2001
Nullabor - N145	SA	-32.07	127.85	15	LakeWetland	Pollen	Ecological assemblage	24161YBP(+/-2219)	NA	NA	Martin, 1973
Reedy Lake	SA	-36.14	139.76	25	LakeWetland	Diatom	Ecological assemblage	NA	55YBP	NA	Taffs, 2001
Robe	SA	-37.22	139.81	<10	LakeWetland	Sediment	Stratigraphy	9210YBP(+/-230)	2000YBP(+/-160)	NA	Cann et al., 1999
Tanyaka Creek	SA	-34.23	140.77	20	LakeWetland	NA	NA	NA	NA	NA	Fluin and Gell, 2008
Wilson Bog	SA	-34.97	138.69	425	LakeWetland	Charcoal	Concentration	7730YBP(+/-590)	0YBP	17	Buckman et al., 2009
Adamsons Peak	TAS	-43.35	146.82	960	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Macphail, 1979
Bathurst Harbour	TAS	-43.34	146.18	-1	LakeWetland	Diatoms	Geochemistry	264YBP	-55YBP	4.5	Saunders et al., 2013b
Beatties Tarn	TAS	-42.67	146.50	990	LakeWetland	Pollen	Ecological assemblage	NA	NA	430	Macphail, 1979
Ben Lomond	TAS	-41.33	147.75	850	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Macphail, 1975
Brown Marsh	TAS	-42.22	146.57	750	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Macphail, 1979
Camerons Lagoon	TAS	-41.96	148.67	1045	LakeWetland	Pollen	Ecological assemblage	8593YBP(+/-388)	NA	430	Thomas and Hope, 1994
Cave Bay	TAS	-40.53	144.77	15	LakeWetland	Pollen	Ecological assemblage	26885YBP(+/-776)	0YBP	NA	Hope, 1978
Crown Lagoon	TAS	-42.28	147.63	375	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Sigleo and Colhoun, 1981
Darwin Crater	TAS	-42.28	145.67	245	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Colhoun and van de Geer, 1988
Den Plane	TAS	-41.50	146.34	350	LakeWetland	Pollen	Ecological assemblage	2610YBP(+/-90)	-44YBP	200	Moss et al., 2007

Dove Lake	TAS	-41.66	145.96	934	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Dyson, 1995*
Dublin Bog	TAS	-41.73	146.23	710	LakeWetland	Pollen	Ecological assemblage	16044YBP(+/-1266)	NA	186	Colhoun et al., 1991
Duckhole Lake	TAS	-43.36	146.87	150	LakeWetland	Sediment	Reflectance	850YBP	-58YBP	2	Saunders et al., 2013a
Eagle Tarn	TAS	-42.67	146.50	1033	LakeWetland	Pollen	Ecological assemblage	13214YBP(+/-484)	NA	240	Macphail, 1979
Echo Flat	TAS	-37.47	145.87	1440	LakeWetland	Peat	Ages	5380 14C YBP	0YBP	NA	Ashton and Hargreaves, 1983
Hogan's Island	TAS	-39.30	147.25	1	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Scarlett et al. 1974
King River	TAS	-42.14	145.65	200	LakeWetland	Pollen	Ecological assemblage	NA	NA	25	Van der Geer et al., 1991
Lake Dora	TAS	-41.93	145.65	756	LakeWetland	Pollen, Geochemistry	Ecological assemblage, elemental occurrence	139YBP	-49YBP(+/-1)	6	Harle et al., 2002a
Lake Fidler	TAS	-42.50	145.66	1	LakeWetland	Pollen	Ecological assemblage	8699YBP(+/-279)	2012YBP(+/-136)	265	Harle et al., 1999
Lake Johnson	TAS	-41.52	145.44	900	LakeWetland	Pollen, magnetism	Ecological assemblage	10660YBP(+/-410)	NA	43	Anker et al., 2001
Lake Nicholls	TAS	-42.67	146.63	1020	LakeWetland	Diatoms	Ecological assemblage	NA	-41YBP	18	Cameron et al., 1993
Lake Osborne	TAS	-43.21	146.76	924	LakeWetland	Pollen, charcoal, sediment	Ecological assemblage, charcoal accumulation, elemental occurrence	6452YBP	-61YBP	33	Fletcher et al., 2014
Lake Selina	TAS	-41.88	145.60	516	LakeWetland	Sediments, pollen	NRM intensity, ecological assemblage	30120YBP	NA	NA	Colhoun et al., 1999
Lake St Clair	TAS	-42.10	146.19	737	LakeWetland	Pollen	Ecological assemblage	NA	NA	450	Hopf et al., 2000
Lake Tiberias	TAS	-42.37	147.37	440	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Macphail, 1979
Lake Vera	TAS	-42.53	145.87	1443	LakeWetland	Pollen	Ecological assemblage	13294YBP(+/-488)	NA	350	Macphail, 1979
Macquarie Harbour	TAS	-42.30	145.42	1	LakeWetland	Diatom	Ecological assemblage	NA	NA	NA	McMinn et al., 2003
Melaleuca Tin Mine	TAS	-43.42	146.16	100	LakeWetland	Peat	Occurrence	5719YBP(+/-4758)	428YBP(+/-105)	NA	Macphail et al., 1999
Newall Creek	TAS	-42.07	145.44	140	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Van der Geer et al., 1989
Orielton Lagoon	TAS	-42.79	147.07	20	LakeWetland	Diatom	Ecological assemblage	3YBP	-52YBP	5	Saunders et al., 2007
Poets Hill	TAS	-41.88	145.56	600	LakeWetland	Pollen	Ecological assemblage	13371YBP(+/-2156)	NA	700	Colhoun, 1992
Rebecca Lagoon	TAS	-41.18	144.68	8	LakeWetland	Sediment	Reflectance	3654YBP	-58YBP	12	Saunders et al., 2012
Smelter Creek	TAS	-42.12	145.15	210	LakeWetland	Pollen	Ecological assemblage	13600YBP(+/-202)	NA	NA	Colhoun et al, 1992
Solomans Jewel	TAS	-41.80	146.27	1185	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Dodson, 2001
Stockyard Swamp	TAS	-40.55	144.75	65	LakeWetland	Pollen	Ecological assemblage	3480YBP(+/-214)	NA	NA	Hope, 1999
Sundown Point	TAS	-41.17	144.67	5	LakeWetland	Pollen	Ecological assemblage	3500YBP	NA	NA	Hope, 1999
Tarn Shelf	TAS	-42.67	146.50	1185	LakeWetland	Pollen	Ecological assemblage	11102YBP(+/-604)	NA	810	Macphail, 1979
Tullabardine Dam	TAS	-41.70	145.68	230	LakeWetland	Pollen	Ecological assemblage	NA	0YBP	620	Colhoun and van de Geer, 1986
Upper Ringarooma River	TAS	-41.30	147.67	900	LakeWetland	Pollen	Ecological assemblage	1000YBP	NA	NA	Dodson et al., 1998

Waterhouse Marsh	TAS	-40.85	147.65	50	LakeWetland	Pollen	Ecological assemblage	12213YBP(+/-495)	NA	655	Thomas and Kirkpatrick, 1996
Wombat Pool	TAS	-41.67	145.96	1057	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	17055YBP	-61YBP	113	Stahle et al., 2016
Yarlington Tier	TAS	-42.52	147.29	650	LakeWetland	Pollen	Ecological assemblage	10174YBP(+/-395)	NA	NA	Harle et al., 1993
Argan Swamp	TS	-10.05	142.06	3	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Rowe, 2006
Badu - Bar-20	TS	-10.13	142.15	18	LakeWetland	Pollen	Ecological assemblage	2652YBP(+/-267)	0YBP	470	Rowe, 2007a
Badu - Waruid	TS	-10.07	142.15	5	LakeWetland	Pollen	Ecological assemblage	6000YBP	0YBP	120	Rowe, 2007a
Badu 15	TS	-10.10	142.15	20	LakeWetland	Pollen	Ecological assemblage	8930YBP(+/-158)	0YBP	260	Rowe, 2007a
Boigu Gawat 1	TS	-10.10	142.14	10	LakeWetland	Pollen	Ecological assemblage	2604YBP(+/-244)	0YBP	200	Rowe, 2007a
Mua - Tiam Point	TS	-10.20	142.30	3	LakeWetland	Pollen	Ecological assemblage	7630YBP(+/-108)	0YBP	75	Rowe, 2007a,b
Talita Kupai	TS	-10.10	142.12	33	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Rowe, 2006
Zurath	TS	-10.27	142.10	3	LakeWetland	Pollen	Ecological assemblage	NA	0YBP	162	Rowe, 2007a
Aire Crossing	VIC	-38.65	143.48	180	LakeWetland	Pollen	Ecological assemblage	9797YBP(+/-352)	NA	280	McKenzie and Kershaw, 2004
Baw Baw	VIC	-37.85	146.27	1524	LakeWetland	Pollen, charcoal	Ecological assemblage, charcoal accumulation	NA	NA	NA	Strickland, 1980
Billabong 21	VIC	-36.75	145.51	172	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Billabong 23	VIC	-36.75	145.51	172	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Billabong 25	VIC	-36.75	145.51	172	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Billabong 32	VIC	-36.00	145.98	133	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Billabong 38	VIC	-35.80	145.57	112	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Billabong 38	VIC	-35.80	145.57	112	LakeWetland	Diatoms	Ecological assemblage	NA	NA	NA	Reid et al., 2002
Billabong 38	VIC	-35.8	145.57	112	LakeWetland	Diatoms	Ecological assemblage	NA	NA	NA	Reid et al., 2002
Billabong 9	VIC	-35.75	147.75	492	LakeWetland	Macrofossils	Presence/absence	NA	NA	NA	Ogden, 2000
Boomer Swamp	VIC	-38.20	141.30	9	LakeWetland	Pollen	Ecological assemblage	7406YBP(+/-200)	NA	NA	Head, 1988
Boulder Flat	VIC	-37.45	148.92	25	LakeWetland	NA	NA	NA	NA	NA	Kenyon, 1989*
Bridgewater Lake	VIC	-38.30	141.38	20	LakeWetland	Pollen, charcoal	Ecological assemblage, concentration	7519YBP(+/-186)	NA	NA	Head, 1988
Bunyip Swamp	VIC	-36.69	146.77	1300	LakeWetland	Pollen	Ecological assemblage	11000YBP	NA	NA	Binder and Kershaw, 1978
Buxton	VIC	-37.45	145.66	235	LakeWetland	Pollen	Ecological assemblage	6634YBP(+/-222)	NA	185	McKenzie, 2002
Caledonia Fen	VIC	-37.33	146.73	1280	LakeWetland	Pollen	Ecological assemblage	68000YBP(+/-8000)	NA	540	Kershaw et al., 2007b
Caledonia Fen	VIC	-37.33	146.73	1280	LakeWetland	Pollen	d13C	0YBP	25000YBP	103	Nelson et al., 2016
Callamondah Billabong	VIC	-36.55	146.12	215	LakeWetland	Diatom	Ecological assemblage	3770YBP	-44YBP	NA	Tibby et al., 2003

Callemonda 1	VIC	-37.2	145.4	NA	LakeWetland	Diatoms	Ecological assemblage	3090 14C YBP	NA	NA	Reid et al., 2002
Callemonda 2	VIC	-37.2	145.4	NA	LakeWetland	Diatoms	Ecological assemblage	3490 14C YBP	NA	NA	Reid et al., 2002
Carlisle Perched Lake	VIC	-37.92	143.67	70	LakeWetland	Pollen	NA	NA	NA	NA	Bottomley, 1994*
Cascade Bog	VIC	-37.85	146.32	1370	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Strickland, 1980*
Chapple Vale Swamp	VIC	-38.63	143.32	30	LakeWetland	Pollen	Ecological assemblage	6697YBP(+/-191)	NA	75	McKenzie and Kershaw, 1997
Cobrico Swamp	VIC	-38.30	143.03	140	LakeWetland	Pollen	Ecological assemblage	1500YBP	-39YBP	50	Dodson et al., 1994b
Cotters Lake	VIC	-38.9	146.25	5	LakeWetland	Pollen	Ecological assemblage	4475YBP(+/-380)	NA	NA	Hope, 1974
Crystal Bog	VIC	-36.73	146.78	1350	LakeWetland	Pollen, charcoal	Charcoal: Pollen ratio	NA	NA	NA	Williams, 1980
Darby Beach	VIC	-38.95	146.25	5	LakeWetland	Pollen	Ecological assemblage	6660YBP(+/-223)	NA	NA	Hope, 1974
East Basin Lake	VIC	-38.32	143.45	120	LakeWetland	Mineralogy	Carbonate sedimentation	NA	NA	NA	Last and De Deckker, 1990
Fiery Creek	VIC	-37.73	142.88	215	LakeWetland	Pollen	Ecological assemblage	4232YBP(+/-298)	NA	NA	Crowley and Kershaw, 1994
Five Mile Beach	VIC	-38.95	146.47	20	LakeWetland	Pollen	Ecological assemblage	13000YBP	NA	650	Ladd, 1979a
Fred South Swamp	VIC	-38.14	141.78	27	LakeWetland	Pollen	Ecological assemblage	16500YBP(+/-540)	NA	2000	Builth et al., 2008
French Island	VIC	-38.31	145.30	1	LakeWetland	Sediment	Chronology	35YBP	-50YBP	NA	Rogers et al., 2005
Freshwater Lake	VIC	-37.58	142.32	220	LakeWetland	Pollen	Ecological assemblage	7000YBP	NA	NA	Crowley, 1994
Greens Bush	VIC	-38.43	144.93	160	LakeWetland	NA	NA	NA	NA	NA	Jenkins, 1992*
Hidden Swamp	VIC	-38.04	147.59	5	LakeWetland	Pollen	Ecological assemblage	7683YBP(+/-254)	NA	NA	Hooley, 1980
Hopcroft's Billabong	VIC	-34	143	NA	LakeWetland	Diatoms	Ecological assemblage	NA	NA	NA	Gell et al., 2005a
Jacka Lake	VIC	-36.80	141.80	132	LakeWetland	Ostracods, sediment	Geochemistry, ecological assemblage, quartz grain occurrence	7721YBP(+/-1000)	-50YBP	40	Kemp et al., 2012
Kooweerup	VIC	-38.23	145.40	1	LakeWetland	Sediment	Chronology	100YBP	-50YBP	NA	Rogers et al., 2005
Lake Bolac	VIC	-37.70	142.75	220	LakeWetland	Pollen	Ecological assemblage	13460YBP(+/-550)	110YBP	250	Cook, 2009
Lake Bullenmerri	VIC	-38.24	143.11	142	LakeWetland	Ostracods	Ecological assemblage	9288YBP(+/-252)	NA	NA	De Deckker, 1982
Lake Bullenmerri	VIC	-38.24	143.11	142	LakeWetland	Pollen	Ecological assemblage	19358YBP(+/-396)	8000YBP	10	Dodson, 1979
Lake Colac	VIC	-38.30	143.58	115	LakeWetland	Pollen, diatoms	Ecological assemblage	6055YBP(+/-25)	-58YBP(+/-0)	10	Mills et al., 2011
Lake Coleman	VIC	-38.17	147.30	20	LakeWetland	NA	NA	NA	-46YBP(+/-1.6)	NA	Penny, 1993*
Lake Condah	VIC	-38.07	141.83	60	LakeWetland	Pollen	Ecological assemblage	11400YBP(+/-440)	NA	525	Builth et al., 2008
Lake Cullulleraine	VIC	-34.27	141.75	57	LakeWetland	Pollen	Ecological assemblage	31YBP	-46YBP(+/-1.6)	NA	Reid et al., 2002
Lake Curlip	VIC	-37.83	148.30	5	LakeWetland	Diatom	Ecological assemblage	7776YBP(+/-151)	-27YBP(+/-3)	213	MacGregor et al., 2005
Lake Curlip	VIC	-37.83	148.30	5	LakeWetland	Pollen	Ecological assemblage	5963YBP(+/-314)	NA	NA	Ladd, 1978

Lake Elingamite	VIC	-38.35	143.00	121	LakeWetland	Diatoms	Ecological assemblage	1500YBP(+/-123)	-52YBP(+3)	5	Barr et al., 2014
Lake Gnotuk	VIC	-38.22	143.10	102	LakeWetland	Diatoms	Ecological assemblage	8686YBP (+/-729)	1040YBP(+/-266)	NA	De Deckker, 1982
Lake Gnotuk	VIC	-38.17	143.30	102	LakeWetland	Ostracods, Sediment	Ecological assemblage, grain size	11561YBP	0YBP	140	Wilkins et al., 2013
Lake Horden	VIC	-38.78	143.47	3	LakeWetland	Pollen	Ecological assemblage, presence/absence	4200YBP	NA	NA	Head and Stuart, 1980; Head, 1985
Lake Keilambete	VIC	-38.21	142.88	120	LakeWetland	Ostracods	Ecological assemblage	11018YBP(+/-594)	NA	NA	De Deckker, 1982
Lake Keilambete	VIC	-38.21	142.88	120	LakeWetland	Pollen, sediment	Ecological assemblage, carbonate presence/absence	9670 14C YBP(+/-135)	NA	NA	Dodson, 1974b
Lake Keilambete	VIC	-38.21	142.88	120	LakeWetland	Pollen, sediment	Pollen occurrence, charcoal, geochemistry	2000YBP	265YBP	45	Mooney, 1997
Lake Keilambete	VIC	-38.21	142.88	120	LakeWetland	Ostracods, Sediment	Ecological assemblage, grain size	9542YBP(+/-200)	-54YBP	50	Wilkins et al., 2013
Lake King	VIC	-37.88	147.80	0	LakeWetland	Diatom	Ecological assemblage	60YBP	-55YBP	1	Saunders et al., 2008
Lake Modewarre	VIC	-38.24	144.11	111	LakeWetland	Pollen, diatoms	Ecological assemblage	10340YBP(+/-100)	-59YBP(+/-0)	10	Mills et al., 2011
Lake Mountain	VIC	-37.47	145.88	1450	LakeWetland	Pollen	Ecological assemblage	7418YBP(+/-153)	0YBP	230	McKenzie, 1997
Lake Purumbete	VIC	-38.27	143.22	132	LakeWetland	Ostracods	Ecological assemblage	NA	NA	NA	De Deckker, 1982
Lake Purumbete	VIC	-38.27	143.22	132	LakeWetland	Pollen, diatoms	Ecological assemblage	5665YBP(+/-75)	-58YBP(+/-0)	10	Mills et al., 2011
Lake Purumbete	VIC	-38.27	143.22	132	LakeWetland	Pollen, diatoms	Ecological assemblage	7937YBP(+/-89)	50YBP	8	Tibby et al., 2012
Lake Surprise	VIC	-38.06	141.92	93	LakeWetland	Diatoms	Ecological assemblage	1388YBP(+/-110)	-53YBP(+/-2)	4	Barr et al., 2014
Lake Surprise	VIC	-38.06	141.92	93	LakeWetland	Pollen	Ecological assemblage	28840YBP(+/-370)	2160YBP(+/-100)	150	Builth et al., 2008
Lake Tali Karng	VIC	-37.58	146.78	915	LakeWetland	Sediment	Chronology	70YBP	-32YBP	NA	Smith and Hamilton, 1985; Salas, 1981
Lake Terang	VIC	-38.25	142.92	130	LakeWetland	Pollen	Ecological assemblage	75000YBP	2094YBP(+/-254)	NA	D'Costa and Kershaw, 1995
Lake Tower Hill	VIC	-38.30	142.35	10	LakeWetland	Pollen	Ecological assemblage	22074YBP(+/-613)	NA	390	D'Costa et al., 1989
Lake Tower Hill	VIC	-38.30	142.35	10	LakeWetland	Pollen, diatoms	Ecological assemblage	5080YBP(+/-205)	NA	10	Mills et al., 2011
Lake Turangmoroke	VIC	-37.73	142.89	220	LakeWetland	Pollen	Ecological assemblage	90000YBP(+/-5000)	110YBP	113	Cook, 2009
Lake Turangmoroke	VIC	-37.73	142.89	220	LakeWetland	Pollen	Ecological assemblage	20000YBP	NA	NA	Crowley and Kershaw, 1994
Lake Tyrrell	VIC	-35.30	142.78	42	LakeWetland	Pollen	Ecological assemblage	10000YBP	NA	NA	Luly et al., 1986; Luly, 1993
Lake Wangoom	VIC	-38.35	142.60	100	LakeWetland	Pollen	Ecological assemblage	200000YBP(+60/-40)	2344YBP(+/-358)	1000	Harle et al., 2002b
Lake Wangoom	VIC	-30.35	142.60	15	LakeWetland	Pollen	Ecological assemblage	46513YBP(+/-2572)	NA	390	Edney et al., 1990
Loch Sport Swamp	VIC	-37.97	147.68	2	LakeWetland	Pollen	Ecological assemblage	8024YBP(+/-604)	NA	NA	Hooley, 1980
Long Swamp	VIC	-38.1	141.10	5	LakeWetland	Pollen	Ecological assemblage	6742YBP(+/-238)	399YBP(+/-93)	NA	Head, 1988
McKenzie Road Bog	VIC	-38.43	146.77	50	LakeWetland	NA	NA	NA	NA	NA	Robertson, 1986*
Morwell Swamp	VIC	-38.25	146.42	40	LakeWetland	Pollen	Ecological assemblage	9854YBP(+/-331)	NA	NA	Lloyd and Kershaw, 1997

North Torbreck	VIC	-37.48	146.95	564	LakeWetland	Pollen	Ecological assemblage	14035YBP(+/-1071)	NA	500	McKenzie, 2002
Northwest Jacka Lake	VIC	-36.80	141.80	132	LakeWetland	Ostracods	geochemistry, ecological assemblage	11395YBP	0YBP	197	Kemp et al., 2012
NW Crater -Lake Tower Hill	VIC	-38.32	142.37	20	LakeWetland	Pollen	$\delta^{13}\text{C}$	24000YBP	0YBP	133	Nelson et al., 2016
Poley Creek	VIC	-37.41	145.22	630	LakeWetland	NA	NA	NA	NA	NA	Pittock, 1989*
Powelltown	VIC	-37.87	145.70	168	LakeWetland	Pollen	Ecological assemblage	6613YBP(+/-287)	NA	310	McKenzie, 2002
Quail Island	VIC	-38.24	145.30	1	LakeWetland	Sediment	Chronology	72YBP	-50YBP	NA	Rogers et al., 2005
Rhyll	VIC	-38.45	145.29	1	LakeWetland	Sediment	Chronology	52YBP	-50YBP	NA	Rogers et al., 2005
Rooty Breaks Swamp	VIC	-37.21	148.86	1100	LakeWetland	Pollen	Ecological assemblage	6249YBP(+/-309)	NA	NA	Ladd, 1979b
Salt Lake	VIC	-36.54	141.81	109	LakeWetland	Pollen	Ecological assemblage	10137YBP(+/-350)	NA	295	Thomas et al. 2001
Shipwreck Rock	VIC	-38.1	141.10	5	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Head, 1988
Snobs Creek	VIC	-37.56	145.93	775	LakeWetland	Pollen	Ecological assemblage	12460YBP(+/-355)	NA	NA	McKenzie, 1997
Storm Creek	VIC	-37.45	145.80	1177	LakeWetland	Pollen	Ecological assemblage	20921YBP(+/-674)	NA	435	McKenzie, 1997
Tadpole Swamp	VIC	-38.13	145.28	60	LakeWetland	Pollen	Ecological assemblage	9455YBP(+/-167)	NA	350	Aitken and Kershaw, 1992
Tawonga Bog	VIC	-36.68	147.40	350	LakeWetland	Pollen	Ecological assemblage	7730YBP(+/-120)	NA	NA	Kershaw and Green, 1983, Rowe, 1968
Tea Tree Swamp	VIC	-37.20	148.83	900	LakeWetland	Pollen, charcoal	Ecological assemblage, fire history	2930YBP(+/-429)	10YBP	60	Gell et al., 1993
Tidal River	VIC	-39.02	146.33	10	LakeWetland	Pollen	Ecological assemblage	5696YBP(+/-222)	NA	NA	Hope, 1974
Tiger Snake Swamp	VIC	-38.13	145.28	60	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Aitken and Kershaw, 1992
Tom Burns	VIC	-37.38	145.82	1075	LakeWetland	Pollen	Ecological assemblage	35387YBP(+/-961)	853YBP(+/-109)	540	McKenzie, 1997
Tyrendarra Swamp	VIC	-38.20	141.76	13	LakeWetland	Pollen	Ecological assemblage	31950YBP(+/-280)	NA	1800	Builth et al., 2008
West Basin Lake	VIC	-38.32	143.43	120	LakeWetland	Diatoms, ostracods, pollen, sediment	Ecological assemblage, mineralogy	11431YBP(+/-546)	NA	540	Gell et al., 1994
West Basin Lake	VIC	-38.32	143.43	120	LakeWetland	Mineralogy	Carbonate sedimentation	NA	NA	NA	Last and De Deckker, 1990
Willsmere Billabong	VIC	-37.78	145.03	20	LakeWetland	Diatoms	Ecological assemblage	414YBP(+/-90)	-51YBP(+/-0.5)	1	Gell et al., 2005a
Wyelangta	VIC	-38.65	143.46	450	LakeWetland	Pollen	Ecological assemblage	NA	NA	250	McKenzie and Kershaw, 2000
14 Mile Pool - Fortescue Marsh	WA	-22.56	119.86	410	LakeWetland	Sediment, ostracods, pollen	elemental abundance, $\delta^{13}\text{C}$ , grain size, $\delta^{15}\text{N}$	>1850YBP	-62YBP	NA	Rouillard et al., 2016a,b
Barker Swamp	WA	-32.00	115.51	0	LakeWetland	Pollen, Invertebrates	Ecological assemblage	8004YBP(+/-380)	NA	NA	Backhouse, 1993
Barker Swamp	WA	-32.00	115.51	0	LakeWetland	Ostracods, Pollen	Ecological assemblage, Mg/Ca, Sr/Ca, Na/Ca, $\delta^{18}\text{O}$ , $\delta^{13}\text{C}$	7900YBP(+/-150)	130YBP	118	Gouramanis et al., 2012
Black Springs	WA	-15.63	126.39	366	LakeWetland	Sediment	trace elements, pollen assemblage, charcoal	6300YBP	NA	250	McGowan et al., 2012
Boggy Lake	WA	-35.17	116.63	107	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Boggy Lake	WA	-35.03	116.65	83	LakeWetland	Pollen	Ecological assemblage	4926YBP(+/-386)	NA	NA	Newsome and Pickett, 1993

Byenup Lagoon	WA	-34.51	116.67	175	LakeWetland	Pollen	Ecological assemblage	5282YBP(+/-301)	-47YBP	NA	Dodson and Lu, 2000
Flinders Bay Swamp	WA	-34.32	115.15	15	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Fremantle	WA	-32.03	115.75	43	LakeWetland	Pollen	Ecological assemblage	NA	10000YBP	NA	Churchill, 1968
King River	WA	-15.57	128.14	3	LakeWetland	Sediment, pollen, charcoal	grain size, ecological assemblage, charcoal accumulation	9200	9200YBP	22	Proske et al., 2014
Lake Kwornicup	WA	-32.13	115.73	10	LakeWetland	NA	NA	NA	NA	NA	Morris, 1996*
Loch McNess Swamp	WA	-31.53	115.67	68	LakeWetland	Pollen	Ecological assemblage	10067YBP(+/-1056)	NA	NA	Newsome and Pickett, 1993
Myalup Swamp	WA	-33.12	115.72	10	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Nullabor - Madura	WA	-31.98	127.04	27	LakeWetland	Pollen	Ecological assemblage	8708YBP(+/-846)	NA	NA	Martin, 1973
Nullabor - Norina	WA	-32.03	126.67	19	LakeWetland	Pollen	Ecological assemblage	10661YBP(+/-475)	1142YBP(+/-162)	NA	Martin, 1973
Perth	WA	-31.96	115.85	-20	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Rottnest Island	WA	-32.00	115.50	8	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Scott River Swamp	WA	-34.30	115.28	30	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Swan-Canning Estuary	WA	-31.72	116.00	-1	LakeWetland	Sediment	Trace elements	70YBP	-40YBP	NA	Gerritse et al., 1998
Two Mile Lake	WA	-34.51	118.27	140	LakeWetland	Pollen	Ecological assemblage	8893YBP(+/-243)	NA	250	Itzstein-Davey, 2004
Weld Swamp	WA	-34.68	116.52	150	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
West Lake Muir	WA	-34.47	116.60	170	LakeWetland	Pollen	Ecological assemblage	NA	NA	NA	Churchill, 1968
Adelie Land	ANT	-66.05	138.56	-746	Marine	Diatoms	Ecological assemblage	10843YBP	1000YBP	15	Crosta et al., 2007
Banda Sea	INDO	-5.77	126.97	-3163	Marine	Pollen	Ecological assemblage	168000YBP	0YBP	2200	Van der Kaars et al., 2000
Core Fr10/95-GC-17	INDO	-22.05	113.50	-1093	Marine	Pollen	Ecological assemblage	100000YBP	0YBP	NA	Van der Kaars and De Deckker, 2002
G4-K12P1	INDO	2.68	127.73	-3510	Marine	Pollen	Ecological assemblage	18000YBP	0YBP	NA	Van der Kaars et al., 1991
G4-K4P1	INDO	0.95	127.75	-440	Marine	Pollen	Ecological assemblage	1003014CYBP (+/-140)	NA	NA	Van der Kaars et al., 1991
G4-K4P3	INDO	0.97	127.75	-414	Marine	Pollen	Ecological assemblage	967014CYBP (+/-140)	NA	NA	Van der Kaars et al., 1991
G5-2-053P	INDO	-3.61	132.17	-1991	Marine	Pollen	Ecological assemblage	14000YBP	NA	NA	Van der Kaars et al., 1991
G5-2-056P	INDO	-3.58	132.18	-2113	Marine	Pollen	Ecological assemblage	14200YBP	NA	NA	Van der Kaars et al., 1991
G5-4-107P	INDO	-6.40	130.91	6656	Marine	Pollen	Ecological assemblage	38000YBP	NA	NA	Van der Kaars et al., 1991
G5-6-149P2	INDO	-9.37	127.84	1699	Marine	Pollen	Ecological assemblage	80000YBP	395014CYBP(+/-100)	NA	Van der Kaars et al., 1991
G6-2	INDO	-12.47	118.57	5375	Marine	Pollen	Ecological assemblage	79000YBP	NA	NA	Van der Kaars et al., 1991
G6-4	INDO	-10.78	118.07	3150	Marine	Pollen	Ecological assemblage	38000YBP	256014CYBP(+/-70)	NA	Van der Kaars et al., 1991
GeoB10065-7 - Sunda Islands	INDO	-9.23	118.90	-1296	Marine	Foraminifera	$\delta^{18}\text{O}$ , Mg/Ca	5956YBP(+/-149)	-54YBP(+/-6)	10	Steinke et al., 2014a; Steinke et al., 2014b

Lombok Ridge	INDO	-10.78	118.07	-3510	Marine	Sediment, charcoal, pollen	grain size, concentration, ecological assemblage	290000YBP	0YBP	1500	Wang et al., 1999
Offshore Borneo	INDO	-9.23	118.90	-1296	Marine	Sediment, pollen	$\delta^{13}\text{C}$ , ecological assemblage	34368YBP(+/-225)	0YBP	120	Dubois et al., 2014
Western Sumatra	INDO	-0.78	99.90	-517	Marine	Foraminifera	$\delta^{18}\text{O}$ , Mg/Ca	45330YBP	60YBP	47	Mohtadi et al., 2014
13GGC - Makassar Strait	INDO	-7.37	119.40	-594	Marine	Foraminifera	$\delta^{18}\text{O}$ , Mg/Ca	10575YBP	123YBP	38	Linsley et al., 2010
G5-2-056P	INDO	-3.58	132.18	-2113	Marine	Foraminifera	$\delta^{18}\text{O}$	14700YBP	0YBP	20	Brijker et al., 2007
Kau Bay	INDO	1.00	127.50	-377	Marine	Sediments	$\delta^{15}\text{N}$	3332YBP	180YBP	50	Langton et al., 2008
Makassar Strait	INDO	-5.20	117.48	-480	Marine	Foraminifera	Mg/Ca, $\delta^{18}\text{O}$	2316YBP	-37YBP	10	Oppo et al., 2009
Makassar Strait	INDO	-3.88	119.45	-460	Marine	Plant waxes	$\delta\text{D}$	2281YBP	-48YBP	33	Tierney et al., 2010
MD98-2160	INDO	-5.20	117.49	-1185	Marine	Foraminifera	Mg/Ca, $\delta^{18}\text{O}$	946YBP	110YBP	10	Newton et al., 2006
MD98-2176	INDO	-5.01	133.43	-2382	Marine	Foraminifera	Mg/Ca, $\delta^{18}\text{O}$	21010YBP	126YBP	34	Stott et al., 2004; Stott et al., 2007
MD98-2177	INDO	1.40	119.08	-968	Marine	Foraminifera	Mg/Ca, $\delta^{18}\text{O}$	1949YBP	-42YBP	20	Newton et al., 2011
MD98-2181	INDO	6.45	125.83	-2114	Marine	Foraminifera	Mg/Ca, $\delta^{18}\text{O}$	21869YBP	3YBP	33	Stott et al., 2004; Stott et al., 2007
Quibray Bay	NSW	-62.58	33.22	-1	Marine	Sediments	$\delta^{13}\text{C}$ , C:N ratio	6250YBP(+175/-249)	-53YBP (+/- 4)	NA	Macreadie et al., 2012
Woolooware Bay	NSW	-62.58	33.50	-3	Marine	Sediments	$\delta^{13}\text{C}$ , C:N ratio	8000YBP (+175/-163)	-54YBP (+/-2)	NA	Macreadie et al., 2012
Poverty Bay	NZ	-38.67	178.34	-63	Marine	Pollen	Ecological assemblage	NA	NA	NA	Wilmshurst et al., 1999
MD97-2140	Pacific	2.07	142.27	-2547	Marine	Charcoal	Concentration	360000	0YBP	1900	Thevenon et al., 2004
AIMS1260	QLD	-19.30	147.35	-14	Marine	Sediment	organic material, geochemistry	-10YBP(+/-5)	-46YBP(+/-0)	2	Cavanagh et al., 1999
AIMS1262	QLD	-18.41	146.17	-5	Marine	Sediment	organic material, geochemistry	NA	NA	NA	Cavanagh et al., 1999
AIMS1450	QLD	-18.53	146.38	-10	Marine	Sediment	organic material, geochemistry	-11YBP(+/-16)	-46YBP(+/-0)	1	Cavanagh et al., 1999
MD-28	QLD	-11.19	139.96	-62	Marine	Sediment, ostracods, charophytes, pollen, geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	NA	410YBP	NA	Chivas et al., 2001
MD-29	QLD	-10.79	138.72	-60	Marine	pollen, geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	NA	11200YBP	NA	Chivas et al., 2001
MD-30	QLD	-12.27	138.75	-60	Marine	pollen, geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	NA	12094YBP	NA	Chivas et al., 2001
MD-31	QLD	-12.07	138.75	-59	Marine	Sediment, ostracods, charophytes, pollen, geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	12020YBP	7420YBP	NA	Chivas et al., 2001
MD-32	QLD	-12.31	139.98	-64	Marine	Geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	125000YBP(+/-12000)	NA	NA	Chivas et al., 2001
MD-33	QLD	-12.39	140.34	-68	Marine	Pollen, geochemistry	Ecological assemblage, carbonate content, organic carbon, organic nitrogen, C/N ratios, $\delta^{13}\text{C}$	18570YBP	17120YBP	NA	Chivas et al., 2001

Gulf of St Vincent	SA	-35.23	138.02	-40	Marine	Foraminifera	Ecological assemblage	38657YBP(+/-1118)	1560YBP(+/-220)	NA	Cann et al, 2006
Murray Canyon	SA	-37.26	137.36	-2420	Marine	Foraminifera	$\delta^{18}\text{O}$ , ecological assemblage	32513YBP	0YBP(+53)	40	Moros et al, 2009
Murray River	SA	-35.52	138.79	0	Marine	Foraminifera	Ecological assemblage	NA	NA	275	Cann et al., 2000
Apollo Bay	TAS	-43.15	147.28	0	Marine	Molluscs	Ecological assemblage, geochemistry	30YBP	-52YBP	8	Edgar and Samson, 2004
Birchs Bay	TAS	-43.17	147.25	0	Marine	Molluscs	Ecological assemblage, geochemistry	55YBP	-52YBP	8	Edgar and Samson, 2004
Geilston Bay	TAS	-42.84	147.34	-9	Marine	Molluscs	occurrence	50YBP	-50YBP	20	Edgar and Samson, 2004
Kangaroo Bay	TAS	-42.88	147.36	14.5	Marine	Molluscs	occurrence	50YBP	-50YBP	20	Edgar and Samson, 2004
Core E55-6	VIC	-38.51	141.01	-55	Marine	Pollen	Ecological assemblage	125000YBP	0YBP	NA	Harle, 1997
Gunung Buda	INDO.	4.03	114.80	150	Speleothem	Calcite	$\delta^{18}\text{O}$	26430YBP	0YBP	65	Partin et al., 2007
Liang Luar	INDO.	-8.32	120.43	550	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ , trace elements	12649YBP(+/-120)	-52YBP(+/-4)	8	Griffiths et al., 2009; Griffiths et al., 2016
Liang Luar	INDO.	-8.32	120.43	550	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ , trace elements	23800YBP(+/-500)	50YBP(+/-10)	100	Ayliffe et al., 2013
Gardner's Gut Cave	NZ	-38.30	NA	100	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$	10220YBP(+/-530)	-40YBP	150	Williams et al., 1999
Max's Cave	NZ	-38.30	NA	325	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$	3900YBP(+/-190)	-40YBP	NA	Williams et al., 1999
North Island Speleothems	NZ	Various	Various	Various	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ , ages	NA	NA	NA	Lorrey et al., 2008
NZ speleothem synthesis	NZ	Various	Various	Various	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ , ages	30000YBP	0YBP	NA	Williams et al., 2010
South Island Speleothems	NZ	Various	Various	Various	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ , ages	NA	NA	NA	Lorrey et al., 2008
Waipuna Cave	NZ	-38.30	NA	320	Speleothem	Calcite	$\delta^{18}\text{O}$ , $\delta^{13}\text{C}$	NA	-40YBP	NA	Williams et al., 1999
Blanch Cave	SA	-37.10	140.80	95	Speleothem	Calcite	chronology	60000YBP(+/-1)	-50YBP(+/-1)	NA	Macken et al., 2013
Wet Cave	SA	-37.10	140.80	95	Speleothem	Calcite	chronology	60000YBP(+/-1)	-50YBP(+/-1)	NA	Macken et al., 2013
KNI-51 (Kimberley)	WA	-15.30	128.62	100	Speleothem	Calcite	$\delta^{18}\text{O}$ , sediment presence	8727YBP(+/-172)	-60YBP(+/-1)	4	Denniston et al., 2013; Denniston et al., 2015

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