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Supplement of

The SahulCHAR collection: a palaeofire database for Australia, New Guinea, and New Zealand

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Table S1. Sites included in the SahulCHAR database and their source. Data was obtained through either - original data contributed directly by authors;, data contained in paleofire databases (GPD, Neotoma and PANGAEA); original data available in published supplementary materials; and records digitized from published diagrams. CHAR NOTES indicates full source and modifications to database records.

OBSID	CHAR STATUS	CHAR SOURCE	CHAR NOTES
Aguai Ramata_core1_char1	Unchanged	paleofire database	Data are from the GPD
Aire Crossing_core1_char1	Added	digitized	Data are from a written source
Aire Crossing_core1_char2	Unchanged	paleofire database	Data are from the GPD
Ajkwa Estuary core 3_char1	Unchanged	paleofire database	Data are from the GPD
Ajkwa Estuary core 4_char1	Unchanged	paleofire database	Data are from the GPD
Ajkwa Estuary core 5_char1	Unchanged	paleofire database	Data are from the GPD
Allom Lake_core1_char1	Unchanged	paleofire database	Data are from the GPD
Allom Lake_core1_char2	Added	digitized	Data are from a written source
Allom Lake_core1_char3	Added	digitized	Data are from a written source
Anggi Lake_core1_char1	Unchanged	paleofire database	Data are from the GPD
Apple Orchard Lagoon_core1_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths
Argan Swamp_core1_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Argan Swamp_core1_char2	Author	author	GPD data NOT USED for this site. Data are author- submitted
Argan Swamp_core1_char3	Author	author	GPD data NOT USED for this site. Data are author- submitted
Badu 15_core1_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Badu 15_core1_char2	Author	author	GPD data NOT USED for this site. Data are author- submitted
Badu 15_core1_char3	Author	author	GPD data NOT USED for this site. Data are author- submitted
Bar 20_core1_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Bar 20_core1_char2	Author	author	GPD data NOT USED for this site. Data are author- submitted
Bar 20_core1_char3	Author	author	GPD data NOT USED for this site. Data are author- submitted
Bega Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Big Reedy Lagoon_core1_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths
Big Willum BW01_char1	Author	author	Data are author-submitted
Big Willum BW01_char2	Author	author	Data are author-submitted
Big Willum BW01_char3	Author	author	Data are author-submitted
Big Willum BW03_char1	Author	author	Data are author-submitted
Big Willum BW03_char2	Author	author	Data are author-submitted
Black Swamp_core1_char1	Modified	paleofire database	Data are from the GPD, with corrected values using a missing multiplier
Blue Lake Kosciuzko_core1_char1	Unchanged	paleofire database	Data are from the GPD
Blundells Flat_core1_char1	Unchanged	paleofire database	Data are from the GPD

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Bobundara Swamp pollen core_char1	Unchanged	paleofire database	Data are from the GPD
Boggy Swamp_core1_char1	Modified	paleofire database	Data are from the GPD, with corrected values using a missing multiplier
Boigu Gawat Swamp 1 core 2_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Boigu Gawat Swamp 1 core 2_char2	Author	author	GPD data NOT USED for this site. Data are author- submitted
Boigu Gawat Swamp 1 core 2_char3	Author	author	GPD data NOT USED for this site. Data are author- submitted
Boigu Gawat Swamp 2 core 2_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Boigu Gawat Swamp 2 core 2_char2	Author	author	GPD data NOT USED for this site. Data are author- submitted
Boigu Gawat Swamp 2 core 2_char3	Author	author	GPD data NOT USED for this site. Data are author- submitted
Bolin Billabong Core 1 Core 4 composite_char1	Unchanged	paleofire database	Data are from the GPD
Bondi Lake centre core_char1	Added	digitized	Data are from a written source
Bondi Lake centre core_char2	Unchanged	paleofire database	Data are from the GPD
Bondi Lake south core_char1	Added	digitized	Data are from a written source
Bondi Lake south core_char2	Unchanged	paleofire database	Data are from the GPD
Boulder Flat_core1_char1	Unchanged	paleofire database	Data are from the GPD
Breadalbane SE_core1_char1	Unchanged	paleofire database	Data are from the GPD
Bridgewater Lake Core A_char1	Added	digitized	Data are from a written source
Bridgewater Lake Core B_char1	Modified	paleofire database	Data are from the GPD, with a correction to CHARMEASURE
Bridgewater Lake in situ beach peat_char1	Added	digitized	Data are from a written source
Bridgewater Lake not in situ beach peat_char1	Added	digitized	Data are from a written source
Brooks Ridge Fen_core1_char1	Modified	paleofire database	Data are from the GPD, with a correction to CHARMEASURE, CHARMAX and CHARMIN
Bumpy Lagoon_core1_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths
Burraga Swamp centre core_char1	Unchanged	paleofire database	Data are from the GPD
Burraga Swamp edge core_char1	Unchanged	paleofire database	Data are from the GPD
Burralow Creek Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Butchers	Modified	paleofire	Data are from the GPD, with corrected values using a
Swamp_core1_char1		database	missing multiplier
Buxton_core1_char1	Unchanged	paleofire database	Data are from the GPD
BWIL2_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
BWIL2_char2	Author	author	Data are author-submitted
BWIL2_char3	Author	author	Data are author-submitted
BWIL2_char4	Author	author	Data are author-submitted
BWIL2_char5	Author	author	Data are author-submitted
Byenup Lagoon Site 1_core1_char1	Unchanged	paleofire database	Data are from the GPD
Byenup Lagoon Site	Unchanged	paleofire	Data are from the GPD
2_core1_char1	. 6	database	

	T	1	T
Caledonia Fen 1997 2001 composite_char1	Unchanged	paleofire database	Data are from the GPD
Caledonia Fen 1997 2001 composite_char2	Added	digitized	Data are from a written source
Caledonia Fen 2009	Added	digitized	Data are from a written source
core_char1	Added	digitized	Data are norma written source
Caledonia Fen 2009	Added	digitized	Data are from a written source
core_char2	Added	digitized	Data are nom a written source
Cameron's	Unchanged	paleofire	Data are from the GPD
Lagoon_core1_char1	Officinariged	database	Data are norm the or D
Chapple Vale Swamp	Modified	paleofire	Data are from the GPD, with multiplier applied to remove
composite core_char1	Piodifica	database	it from measurement units
Club Lake CL4_char1	Added	digitized	Data are from a written source
	Added	digitized	
Club Lake CL4_char2			Data are from a written source
Club Lake western	Added	digitized	Data are from a written source
basin_core1_char1		1 6	
Club Lake western	Unchanged	paleofire	Data are from the GPD
basin_core1_char2	Hobonzod	database	Data are from the CDD
Cobrico Swamp	Unchanged	paleofire database	Data are from the GPD
edge_core1_char1 Cotter Source Bog Centre	Unchanged	paleofire	Data are from the GPD
Corter Source Bog Centre Core A_char1	Unchanged	database	Data are noin the GPD
Cotter Source Bog Margin	Unchanged	paleofire	Data are from the GPD
CSBM_char1	Officialiged	database	Data are norm the GFD
Crystal Lagoon_core1_char1		paleofire	Data are from Neotoma
orystat Eugosti_osto i_strai i		database	Bata are non Noctoma
Crystal Lagoon_core1_char2		paleofire	Data are from Neotoma
		database	Buttu die Heim Heeterina
Cuddie Springs_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Dalhousie	Unchanged	paleofire	Data are from the GPD
Springs_core1_char1		database	
Dove Lake_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
DP1_char1	Added	digitized	Data are from a written source
DP2_char1	Added	digitized	Data are from a written source
DP3_char1	Added	digitized	Data are from a written source
DP3_char2	Unchanged	paleofire	Data are from the GPD, with depths converted to metres
5. 6_6.1a.2	Shoriangea	database	Butta are from the Gr B, wan appare converted to metros
Dublin Bog Core 8_char1	Modified	paleofire	Data are from the GPD, with corrections to
_		database	CHARMEASURE and depths
Egg Lagoon EL10 EL11	Unchanged	paleofire	Data are from the GPD
composite_char1		database	
Fred South	Added	digitized	Data are from a written source
Swamp_core1_char1			
Fred South	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char2		database	
Gallahers	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char1		database	Date of Court ODD
Galway Tarn 0111 0505	Unchanged	paleofire	Data are from the GPD
composite_char1	llnobon	database	Data are from the CDD
GC-17_char1	Unchanged	paleofire	Data are from the GPD
Gemco LG2_char1	Modified	database paleofire	Data from GPD, with correction to units
Genico Loz_chari	Modified	database	Data from GFD, with correction to units
Gemco LG2_char2	Added	database	Not in GPD
Ginini Flats_core1_char1	Unchanged	paleofire	Data are from the GPD
Gooch's Swamp GCR_char1	Unchanged	database paleofire	Data are from the GPD
GOOGH'S SWAITIP GCK_CHAIT	Unchanged	database	Data are from the GFD
		นลเสมสรษ	

Gooch's Swamp GCR_char2	Added	digitized	Not in GPD
Green Lagoon_core1_char1	Modified	paleofire	Data are from the GPD, with corrections to depths
		database	
Greens Bush_core1_char1	Unchanged	paleofire database	Data are from the GPD
Grey Pole Swamp Broughton Island_core1_char1	Unchanged	paleofire database	Data are from the GPD
Griffith Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Haeapugua Basin core H6_char1	Unchanged	paleofire database	Data are from the GPD
Haeapugua Basin core H6_char2	Added	digitized	Data are from a written source
Henty Bridge_core1_char1	Unchanged	paleofire database	Data are from the GPD
Hogan's Billabong core a_char1	Modified	paleofire database	Data are from the GPD, with THICKNESS added
Hopwood's Lagoon_core1_char1	Unchanged	paleofire database	Data are from the GPD
Howes Waterhole Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Ijomba Bog_core1_char1	Unchanged	paleofire	Data are from the GPD
Production Co.	A 1 1 1	database	
Ijomba Bog_core1_char2	Added	digitized	Data are from a written source
Ingar Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Jibbon Lagoon Core 3_char1	Modified	paleofire database	Data are from the GPD, with corrections to CHARMAX and CHARMIN
Kaipo_core1_char1	Unchanged	paleofire database	Data are from the GPD
Katoomba Swamp Core 1_char1	Unchanged	paleofire database	Data are from the GPD
Katoomba Swamp Core 2_char1	Added	digitized	Data are from a written source
Kelela Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Killalea Lagoon centre core_char1	Unchanged	paleofire database	Data are from the GPD
Kings Tableland Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
Kings Tableland Swamp_short core_char1	Unchanged	paleofire database	Data are from the GPD
Kings Waterhole_core1_char1	Unchanged	paleofire database	Data are from the GPD
Kohuora Core A Core B composite_char1	Modified	paleofire database	Data are from the GPD, with CHARMIN added
Kosipe KPA_char1	Unchanged	paleofire database	Data are from the GPD
Kosipe KPC_char1	Unchanged	paleofire database	Data are from the GPD
Kosipe KPE_char1	Added	digitized	Data are from a written source
Kurnell Fen Core 1_char1	Unchanged	paleofire database	Data are from the GPD
Kurnell Fen Core 2	Added	digitized	Data are from a written source
Lake Baraba_core1_char1	Modified	paleofire database	Data from GPD, with depths added from written source
Lake Condah core 1b_char1	Added	digitized	Data are from a written source
Lake Condah_core1_char1	Unchanged	paleofire database	Data are from the GPD

Lake Coomboo_core1_char1	Unchanged	paleofire database	Data are from the GPD
Lake Couridjah_core1_char1	Unchanged	paleofire	Data are from the GPD
Lake Godinajan_coro i_cirai i	Ononangoa	database	Buttu die Holli tile et B
Lake Curlip_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Lake Euramoo_core1_char1	Unchanged	paleofire	Data are from the GPD
Lake Euramoo_core1_char2	Added	database digitized	Data are from a written source
Lake Eyre Core LE 82/2_char1	Unchanged	paleofire	Data are from the GPD
-	_	database	
Lake Eyre Core LE 82/2_char2	Added	digitized	Data are from a written source
Lake Flannigan King Island Core LF_char1	Unchanged	paleofire database	Data are from the GPD
Lake Frome Core LF	Modified	paleofire	Data are from the GPD, with a correction to
82/2_char1		database	CHARMEASURE
Lake Habbema_core1_char1	Modified	paleofire database	Data are from the GPD, with CHARMEASURE added
Lake Hordern centre core	Added	digitized	Data are from a written source
B_char1			
Lake Hordern main core A_char1	Unchanged	paleofire database	Data are from the GPD
Lake Hordorli_core1_char1	Unchanged	paleofire	Data are from the GPD
	NA UC I	database	
	Modified	paleofire database	Data are from the GPD, with multiplier applied to remove it from measurement units
Lake Johnston Core JA_char1		i uatabase	It ifoni ineasurement units
	Added		GPD data for this site NOT LISED due to errors. Data are
Lake Johnston Core JA_char1 Lake Mountain_core1_char1	Added	digitized	GPD data for this site NOT USED due to errors. Data are from a written source
Lake Mountain_core1_char1		digitized	GPD data for this site NOT USED due to errors. Data are from a written source Data are from the GPD
	Added Unchanged		from a written source
Lake Mountain_core1_char1		digitized paleofire	from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1	Unchanged	paleofire database author paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2	Unchanged Author Modified	paleofire database author paleofire database	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site	Unchanged Author	paleofire database author paleofire database paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1	Unchanged Author Modified Unchanged	paleofire database author paleofire database paleofire database	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site	Unchanged Author Modified	paleofire database author paleofire database paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87	Unchanged Author Modified Unchanged	paleofire database author paleofire database paleofire database paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1	Unchanged Author Modified Unchanged Unchanged Unchanged	paleofire database author paleofire database paleofire database paleofire database paleofire database paleofire database paleofire database	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added	paleofire database digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1	Author Modified Unchanged Unchanged Unchanged Added Added	paleofire database author paleofire database paleofire database paleofire database paleofire database paleofire database digitized digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added	paleofire database digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1	Author Modified Unchanged Unchanged Unchanged Added Added	paleofire database author paleofire database paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added Added Unchanged	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database paleofire database paleofire database paleofire database paleofire database paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1	Author Modified Unchanged Unchanged Unchanged Added Added Unchanged Modified	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database paleofire database paleofire database digitized digitized digitized database paleofire database digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1	Author Modified Unchanged Unchanged Unchanged Added Added Unchanged Modified	digitized paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database digitized digitized paleofire database digitized digitized digitized digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added Added Unchanged Added Added Added Added	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database paleofire database paleofire database digitized digitized digitized database paleofire database digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added Added Unchanged Added Added Added Added Added	digitized paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database digitized digitized paleofire database digitized digitized digitized digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1 LC2_char2	Author Modified Unchanged Unchanged Unchanged Added Added Added Added Added Added Added Added Added	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database paleofire database digitized digitized digitized digitized digitized digitized digitized digitized digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1 LC2_char2 LC2_char3	Unchanged Author Modified Unchanged Unchanged Unchanged Added	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized digitized paleofire database digitized database digitized digitized digitized digitized digitized digitized digitized author	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are author-submitted
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1 LC2_char2 LC2_char3 LL10_char1	Unchanged Author Modified Unchanged Unchanged Unchanged Added	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized paleofire database digitized digitized digitized digitized digitized digitized digitized digitized paleofire database paleofire database paleofire database digitized digitized digitized author digitized paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1 LC2_char2 LC2_char3 LL10_char2	Author Modified Unchanged Unchanged Unchanged Added Added Unchanged Modified Added Added Added Added Added Added Added Added Added Author Added Unchanged	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized paleofire database digitized paleofire database digitized author digitized paleofire database digitized paleofire database digitized paleofire	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source Data are from the GPD
Lake Mountain_core1_char1 Lake Selina_core1_char1 Lake Surprise_core1_char1 Lake Surprise_core1_char2 Lake Tyrrell Site 1_core1_char1 Lake Tyrrell Site 2_core1_char1 Lake Wangoom LW87 core_char1 Lake Wangoom_core1_char1 Lake Wanum LW II_char1 Lake Wanum LW II_char1 Lake Wanum_core1_char1 Laravita Tarn_core1_char1 Lashmar's Lagoon_core1_char1 LC2_char1 LC2_char2 LC2_char3 LL10_char1 LL10_char2 LL15_char1	Author Modified Unchanged Unchanged Unchanged Added	paleofire database author paleofire database paleofire database paleofire database paleofire database digitized author digitized paleofire database digitized digitized digitized digitized author digitized paleofire database digitized digitized digitized	from a written source Data are from the GPD Data are author-submitted Data are from the GPD, with multiplier applied to remove it from measurement units Data are from the GPD Data are from the GPD Data are from a written source Data are from a written source Data are from the GPD Data are from a written source Data are from the GPD Data are from the GPD Data are from a written source

Long Swamp Core A_char1	Unchanged	paleofire database	Data are from the GPD
Lower Lake Hogayaku HGL core_char1	Unchanged	paleofire database	Data are from the GPD
Lynchs Crater 2007	Modified	paleofire	Data are from the GPD, with corrections to
composite_char1		database	CHARMETHOD and CHARMIN
Lynchs Crater Holocene Core 2_char1	Added	digitized	Data are from a written source
Main Lake Tower	Unchanged	paleofire	Data are from the GPD
Hill_core1_char1	Crionangoa	database	Buttu are from the GFB
Main Lake Tower Hill_core2_char1	Author	author	Data are author-submitted
MAR2_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
MAR2_char2	Author	author	Data are author-submitted
MAR2_char3	Author	author	Data are author-submitted
MAR2_char4	Author	author	Data are author-submitted
MAR2_char5	Author	author	Data are author-submitted
		author	Data are author-submitted
MAR2_char6	Author		
Marton Swamp_core1_char1	Unchanged	paleofire database	Data are from the GPD
McKenzie Road Bog_core1_char1	Unchanged	paleofire database	Data are from the GPD
MD03-2067_char1		paleofire database	Data are from PANGAEA
Micalong Swamp Core MS3_char1	Unchanged	paleofire database	Data are from the GPD
Micalong Swamp Core MS3_char2	Added	digitized	Data are from a written source
Middle Patriarch	Modified	paleofire	Data are from the GPD, with a correction to
Swamp_core1_char1		database	CHARMEASURE
Mill Creek cores 1, 2, 4	Unchanged	paleofire	Data are from the GPD
composite_char1		database	
Mountain	Unchanged	paleofire database	Data are from the GPD
Lagoon_core1_char1 MPL12_char1	Author	author	Data are author-submitted
MPL12_char2	Author	author	Data are author-submitted
Muellers Rock_core1_char1	Unchanged	paleofire	Data are from the GPD
Mulloon ocred obsert	I landa a a a a a	database paleofire	Data are from the CDD
Mulloon_core1_char1	Unchanged	database	Data are from the GPD
Native Companion Lagoon NCL1_char1	Author	author	GPD data NOT USED for this site. Data are author- submitted
Neon ANB2_char1	Modified	paleofire database	Data are from the GPD, with CHARMIN added
Newall Creek_core1_char1	Unchanged	paleofire database	Data are from the GPD
Newnes Swamp_core1_char1	Modified	paleofire database	Data are from the GPD, with a correction to CHARMEASURE
Noreikora Swamp core NORI/A/18_char1	Unchanged	paleofire database	Data are from the GPD
Noreikora Swamp core NORI/A/18_char2	Added	digitized	Data are from a written source
North Torbreck_core1_char1	Unchanged	paleofire database	Data are from the GPD
Northwest Crater Tower Hill 2008 core_char1	Added	digitized	Not in GPD
Northwest Crater Tower Hill 2008 core_char2	Added	digitized	Not in GPD
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Northwest Crater Tower	Unchanged	paleofire	Data are from the GPD
Hill_core1_char1	l locale a correct	database	Data are from the ODD
Notts Swamp_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	D
Nursery Swamp_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Oaks Creek D-section Missen	Unchanged	paleofire	Data are from the GPD
composite_char1		database	
ODP 820_char1_1 to ODP	Author	author	Data from author-submitted spreadsheet
820_char1_82			
ODP 820_char1_83 to ODP	Unchanged	paleofire	Data from GPD, matching author-submitted data
820_char1_111		database	
ODP 820_char2	Unchanged	paleofire	Data from GPD, matching author-submitted data
		database	
OKA1 OKA913	Modified	paleofire	Data are from the GPD, with corrections to
composite_char1		database	CHARMETHOD and CHARMEASURE
Penrith Lakes Drill core_char1	Modified	paleofire	Data are from the GPD, with a correction to
		database	CHARMETHOD
Penrith Lakes Hand	Modified	paleofire	Data are from the GPD, with a correction to
core_char1		database	CHARMETHOD
Penrith Lakes Trench_char1	Modified	paleofire	Data are from the GPD, with a correction to
		database	CHARMETHOD
Piano Point	Modified	paleofire	Data are from the GPD, with corrections to depths
Lagoon_core1_char1		database	, '
Pine Camp_core1_char1	Modified	paleofire	Data are from the GPD, with a correction to
· · · · · · · · · · · · · · · · · · ·		database	CHARMEASURE
Poets Hill Core 1_char1	Unchanged	paleofire	Data are from the GPD
Todo Till Goto T_onat T	Ononangoa	database	Buttu and morn the OT B
Poley Creek_core1_char1	Unchanged	paleofire	Data are from the GPD
Total order_cord _criai i	Ononangoa	database	Buttu and morn time of B
Powelltown_core1_char1	Unchanged	paleofire	Data are from the GPD
1 owollown_coron_chair	Ononangoa	database	Buttu and morn the OT B
QS-Monolith_char1	Unchanged	paleofire	Data are from the GPD
Q3-Monottin_chari	Officialized	database	Data are norm the Or D
Quambie	Modified	paleofire	Data are from the GPD, with CHARMAX and CHARMIN
_	Modified	database	corrected
Lagoon_core1_char1 Quambie	Modified		Data are from the GPD, with CHARMAX and CHARMIN
,	Modified	paleofire	
Lagoon_core1_char2	M = -1:4:1	database	Corrected
Quambie	Modified	paleofire	Data are from the GPD, with CHARMAX and CHARMIN
Lagoon_core1_char3		database	corrected
Queens Swamp Core QS	Unchanged	paleofire	Data are from the GPD
3_char1		database	ODD II. (III. II. NOTHOED II. II. D. I
Redhead Lagoon E12b_char1	Added	author	GPD data for this site NOT USED due to errors. Data are
		_	from a written source
Redhead Lagoon E12b_char2	Added	author	GPD data for this site NOT USED due to errors. Data are
		_	from a written source
Redhead Lagoon E12b_char3	Added	author	GPD data for this site NOT USED due to errors. Data are
			from a written source
Redhead Lagoon E12c_char1	Added	author	GPD data for this site NOT USED due to errors. Data are
			from a written source
Redhead Lagoon F4c_char1	Added	author	GPD data for this site NOT USED due to errors. Data are
			from a written source
Ringarooma Humus Site	Unchanged	paleofire	Data are from the GPD
1_core1_char1	<u> </u>	database	
Ringarooma Humus Site	Unchanged	paleofire	Data are from the GPD
2_core1_char1		database	
Ringarooma River Site	Unchanged	paleofire	Data are from the GPD
1_core1_char1		database	
Ringarooma River Site	Unchanged	paleofire	Data are from the GPD
2_core1_char1	8-2-	database	
	L		I .

RNX-A RNX-B	Modified	noloofiro	Data are from the CDD with CHADMEACHDE added
composite_char1	Modified	paleofire database	Data are from the GPD, with CHARMEASURE added
Rock Arch	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char1	Offichanged	database	Data are norm the Or D
Rotten Swamp 1984	Unchanged	paleofire	Data are from the GPD
core_char1	Offichangea	database	Bata are from the Or B
Rotten Swamp Core 4_char1	Unchanged	paleofire	Data are from the GPD
Notten Swamp Core 4_chair	Officialiged	database	Data are noin the GFD
Ryans Swamp_core1_char1	Unchanged	paleofire	Data are from the GPD
Nyans Swamp_core i_chai i	Officialiged	database	Data are noin the GFD
CANII obori	Author	author	GPD data NOT USED for this site. Data are author-
SAN1_char1	Author	author	submitted
SAN1_char2	Author	author	Data are author-submitted
SAN1_char3	Author	author	Data are author-submitted
SAN1_char4	Author	author	Data are author-submitted
SAN1_char5	Author	author	Data are author-submitted
Sapphire	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char1		database	
Snobs Creek_core1_char1	Added	digitized	GPD data for this site NOT USED due to errors. Data are
			from a written source
Snowy Flats_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Solomons Jewel	Unchanged	paleofire	Data are from the GPD
Lake_core1_char1		database	
Sondambile_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
South Salvation Creek	Modified	paleofire	Data are from the GPD, with multiplier applied to remove
Swamp_core1_char1		database	it from measurement units
South Salvation Creek	Added	digitized	Data are from a written source
Swamp_core1_char2			
Stockyard Swamp Hunter	Unchanged	paleofire	Data are from the GPD
Island_core1_char1	A -l -ll	database	Natio ODD
Storm Creek_core1_char1	Added	digitized	Not in GPD
Storm Creek_core1_char2	Unchanged	paleofire	Data from GPD
Consideration	Madified	database	Data are from the CDD with CLIADMIN added
Sundown	Modified	paleofire	Data are from the GPD, with CHARMIN added
Swamp_core1_char1	M. P.C. I	database	Data and Country ORD 111 and 11 and 11
Supulah Hill North Pond 1991	Modified	paleofire	Data are from the GPD, with corrections to
core_char1	Modified	database paleofire	CHARMEASURE Data are from the GPD, with corrected values using a
Tadpole Swamp_core1_char1	Modified		
Talita Kupai core 1_char1	Author	database	missing multiplier and a correction to depths GPD data NOT USED for this site. Data are author-
iauta Kupai Core i_Char i	Author	author	submitted
Talita Kupai core 1_char2	Author	author	GPD data NOT USED for this site. Data are author-
Tatta Rupai Core 1_Citatz	Autiloi	autilli	submitted
Talita Kupai core 1_char3	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
Talita Kupai core 2_char1	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
TAS1102_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
		database	CHARMEASURE
TAS1104_char1 to	Modified	paleofire	Data are from the GPD, with corrections to depth and
TAS1104_char1_44		database	CHARMEASURE
TAS1104_char1_44 to	Author	author	Data are author-submitted
TAS1104_char1_329			
TAS1106_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
		database	CHARMEASURE
TAS1107_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
		database	CHARMEASURE

TAS1108 SC LCA	Unchanged	paleofire	Data are from the GPD, with corrections to depths and
composite_char1	A 1.1 1	database	CHARMEASURE
TAS1108 SC LCA	Added	digitized	Data are from a written source
composite_char2			
TAS1110_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths and CHARMEASURE
TAC1202 obor1	Modified	paleofire	Data are from the GPD, with corrections to depths and
TAS1203_char1	Modified	database	CHARMEASURE
TAS1205_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
IAST205_CHAIT	Modified	·	
TA04007 . I . 4	Mar III a	database	CHARMEASURE
TAS1207_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths and CHARMEASURE
TAS1401 SC1 N1		paleofire	Data are from Neotoma, corrected for sample volume
composite_char1		database	Data are nonniveotoma, corrected for sample votame
TAS1401 SC1 N1			Data are from Nectoma, corrected for comple values
		paleofire database	Data are from Neotoma, corrected for sample volume
composite_char2	Mar different	+	Data and Control of CDD 131 and a state of the
TAS1402_char1	Modified	paleofire database	Data are from the GPD, with a correction to depths
TAC1501 about	Modified		Data are from the CDD with acres tions to double and
TAS1501_char1	Modified	paleofire database	Data are from the GPD, with corrections to depths and CHARMEASURE
TAS1503_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
IASTSUS_CHAFT	Modified	·	
TAC4504 - b - ::4	MI:£:I	database	CHARMEASURE
TAS1504_char1	Modified	paleofire	Data are from the GPD, with corrections to depths and
TA04507.000 . L. 4	Mar III a	database	CHARMEASURE
TAS1507 SC2_char1	Modified	paleofire	Data are from the GPD, with a correction to depths
		database	
TAS1508N1_char1	Unchanged	paleofire	Data are from the GPD, with corrections to depths
TARAFRANIA	A 1 1 1	database	Data and Comment of the Comment of t
TAS1508N1_char2	Added	digitized	Data are from a written source
Tea Tree Swamp Core DRA_char1	Modified	paleofire database	Data are from the GPD, with multiplier applied to remove it from measurement units
Tea Tree Swamp Core	Modified	paleofire	Data are from the GPD, with multiplier applied to remove
DRE_char1	Modified	database	it from measurement units
Tea Tree Swamp Core DRN-	Modified	paleofire	Data are from the GPD, with multiplier applied to remove
A_char1	Modified	database	it from measurement units
Tiam Point_core1_char1	Author		GPD data NOT USED for this site. Data are author-
	Author	author	submitted
Tiam Point_core1_char2	Author	author	GPD data NOT USED for this site. Data are author-
	Author	autiloi	submitted
Tiom Doint corol char?	Author	author	GPD data NOT USED for this site. Data are author-
Tiam Point_core1_char3	Author	autiloi	submitted
Tiger Snake	Added	digitized	GPD data for this site NOT USED due to errors. Data are
Swamp_core1_char1	Added	uigitizeu	from a written source
Tipoeka Estuary core 1_char1	Modified	paleofire	Data are from the GPD, with name corrected to Tipoeka
I POOKA ESTAGING OF I_OHATT	1 louilleu	database	instead of Ajkwa
Tipoeka Estuary core 2_char1	Modified	paleofire	Data are from the GPD, with name corrected to Tipoeka
Inpoora Locally Cole 2_clid I	1 louilleu	database	instead of Ajkwa
Tobacco Lagoon_core1_char1	Modified	paleofire	Data are from the GPD, with corrections to depths
	Piodilied	database	Bata are from the or b, with confections to depths
Tom Burns D-section Core	Added	digitized	Not in GPD
TBD_char1	7.550	3.511200	
Tom Burns D-section Core	Unchanged	paleofire	Data from GPD
TBD_char2	2	database	
Tom Burns Missen Core	Added	digitized	Not in GPD
TBM_char1			
Tom Burns Missen Core	Unchanged	paleofire	Data from GPD
TBM_char2	- Chondingou	database	
Tom Gregory Swamp_core1	Unchanged	paleofire	Data are from the GPD
isin stopery swamp_core	Chonangoa	database	Sate are normane or D
truwana East Coast	Modified	paleofire	Data are from the GPD, with corrections to depths
Lagoon_core1_char1	i iodiliod	database	Sata are normane or B, with confederate to deputie
Eagoon_colo1_chal1		นนเผมสงษ	

Tugunugua Baain aasa	Linghandad	noloofino	Data are from the CDD
Tugupugua Basin core T1_char1	Unchanged	paleofire database	Data are from the GPD
	۸ ما ما م ما		Data are from a suritton accura
Tugupugua Basin core	Added	digitized	Data are from a written source
T1_char2	A 1.1 1	12.202	Data and Company (1997)
Tyrendarra	Added	digitized	Data are from a written source and the GPD
Swamp_core1_char1			
Tyrendarra	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char2		database	
Waikaremoana core	Unchanged	paleofire	Data are from the GPD
W1_char1		database	
Wangil Core Site_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Warrananga_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Warrimoo Oval	Unchanged	paleofire	Data are from the GPD
Swamp_core1_char1		database	
Waruid core 1_char1	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
Waruid core 2_char1	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
Waruid core 2_char2	Author	author	GPD data NOT USED for this site. Data are author-
Waraid 3013 2_511a12	, tatiloi	datiioi	submitted
Waruid core 2_char3	Author	author	GPD data NOT USED for this site. Data are author-
Wardid core 2_chars	Author	autiloi	submitted
Wet Lagoon_core1_char1	Unchanged	paleofire	Data are from the GPD
Wet Lagoon_core i_chai i	Officialiged	database	Data are noin the GFD
\A/le it a la avia in	Modified		Data are from the CDD with a correction to
Whitehaven	Modified	paleofire	Data are from the GPD, with a correction to
Swamp_core1_char1	Mar PC - I	database	CHARMEASURE
Wildes Meadow	Modified	paleofire	Data are from the GPD, with multiplier applied to remove
Swamp_core1_char1		database	it from measurement units
Wilson Bog_core1_char1	Modified	paleofire	Data are from the GPD, with CHARMIN added
		database	
Wingecarribee Swamp	Added	digitized	Data are from a written source
W1_char1			
Wingecarribee Swamp	Unchanged	paleofire	Data are from the GPD
W2_char1		database	
Wingecarribee Swamp	Added	digitized	Data are from a written source
W2_char2			
Worimi Swamp L1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Worimi Swamp L2_char1	Added	digitized	Data are from a written source
Wyelangta_core1_char1	Unchanged	paleofire	Data are from the GPD
Tryotangta_ooro r_onar r	Grioriangea	database	Bata are nom the er B
X72/77_char1	Author	author	GPD data NOT USED for this site. Data are author-
7,2,7,7_OHAH	Autioi	autiloi	submitted
X77/50_char1	Author	author	GPD data NOT USED for this site. Data are author-
777/30_CHALL	Autilli	autilui	
V00/2 abor4	Λιι+h	outh or	submitted
X96/2_char1	Author	author	GPD data NOT USED for this site. Data are author-
V00/0 -h - 0	A -1 -1 - 1	al:: 1	submitted
X96/2_char2	Added	digitized	Data are from a written source
X96/2_char3	Added	digitized	Data are from a written source
X96/2_char4	Added	digitized	Data are from a written source
X97/10_char1	Author	author	GPD data NOT USED for this site. Data are author-
V07/00 - 1 - 1	A		submitted
X97/22_char1	Author	author	Data are author-submitted
X97/22_char2	Modified	paleofire	Data are from the GPD, converted depths to metres
		database	
Yakka Lagoon_core1_char1	Modified	paleofire	Data are from the GPD, with corrections to depths
		database	
	•	•	•

Yaouk Swamp_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Yawi Ti_core1_char1	Unchanged	paleofire	Data are from the GPD
		database	
Zurath Islet_core1_char1	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
Zurath Islet_core1_char2	Author	author	GPD data NOT USED for this site. Data are author-
			submitted
Zurath Islet_core1_char3	Author	author	GPD data NOT USED for this site. Data are author-
			submitted

R Code to access SahulCHAR data from OCTOPUS via Web Feature Service (WFS) and R studio.

The below demo R script fetches, via WFS, spatial layers including rich attribute data from OCTOPUS database and generates a scatter plot and an interactive map representation, respectively.

The script requires the below packages. If not installed on your machine yet, run and you'll be all set up.

First we're going to load the required packages

```
library(sf) # Simple features support (sf = standardized way to encode spatial vector data)
library(httr) # Generic web-service package for working with HTTP
library(tidyverse) # Workhorse collection of R packages for data sciences
library(ows4R) # Interface for OGC web-services incl. WFS
library(viridis) # Predefined colorblind-friendly color scales for R
```

OK, we're ready to go now. In the following we store the OCTOPUS WFS URL in an object. Then, using the latter, we establish a connection to OCTOPUS database.

```
OCTOPUSdata <- "http://geoserver.octopusdata.org/geoserver/wfs" # store url in object
OCTOPUSdata_client <- WFSClient$new(OCTOPUSdata, serviceVersion = "2.0.0")
# connection to db
```

Let's see what is there, i.e. show all available layer names and titles

The above WFS request should yield the following overview

```
##
                                               name
## 1
                        be10-denude:crn_aus_basins
## 2
                       be10-denude:crn_aus_outlets
## 3
                        be10-denude:crn_int_basins
## 4
                       be10-denude:crn_int_outlets
## 5
                        be10-denude:crn_xxl_basins
## 6
                       be10-denude:crn xxl outlets
## 7
                     be10-denude:crn_inprep_basins
## 8
                    be10-denude:crn inprep outlets
## 9
                                 be10-denude:expage
## 10 be10-denude:fossahul_webmercator_nrand_25000
## 11
                  be10-denude:ippd_baseline_pollen
## 12
                         be10-denude:ippd_datasets
## 13
                         be10-denude:sahularch_osl
## 14
                         be10-denude:sahularch_c14
## 15
                          be10-denude:sahularch_tl
## 16
                  be10-denude:sahulsed_aeolian_osl
## 17
                   be10-denude:sahulsed_aeolian_tl
## 18
                  be10-denude:sahulsed_coastal_osl
## 19
                   be10-denude:sahulsed_coastal_tl
## 20
                  be10-denude:sahulsed_fluvial_osl
## 21
                   be10-denude:sahulsed_fluvial_tl
## 22
               be10-denude:sahulsed lacustrine osl
## 23
                be10-denude:sahulsed lacustrine tl
## 24
                             be10-denude:sahulchar
## 25
                       be10-denude:sahulchar units
##
                                                       title
## 1
                    CRN Australian collection: River basins
## 2
                    CRN Australian collection: Sample sites
```

```
## 3
                        CRN Global collection: River basins
## 4
                        CRN Global collection: Sample sites
## 5
                             CRN Large basins: River basins
## 6
                             CRN Large basins: Sample sites
## 7
                     CRN UOW (in preparation): River basins
## 8
                     CRN UOW (in preparation): Sample sites
## 9
                                             ExpAge Database
## 10
                                           FosSahul Database
## 11
                                      IPPD (baseline pollen)
## 12
                                       IPPD (datasets only)
## 13
                          Sahul Archaeology: OSL collection
## 14
                  Sahul Archaeology: Radiocarbon collection
## 15
                           Sahul Archaeology: TL collection
## 16
                    Sahul Sedimentary Archives: Aeolian OSL
## 17
                     Sahul Sedimentary Archives: Aeolian TL
## 18
                    Sahul Sedimentary Archives: Coastal OSL
## 19
                     Sahul Sedimentary Archives: Coastal TL
## 20
                    Sahul Sedimentary Archives: Fluvial OSL
## 21
                     Sahul Sedimentary Archives: Fluvial TL
## 22
                 Sahul Sedimentary Archives: Lacustrine OSL
## 23
                  Sahul Sedimentary Archives: Lacustrine TL
        Sedimentary Charcoal Records: Sahul & NZ (all data)
## 25 Sedimentary Charcoal Records: Sahul & NZ (units only)
```

That's basically it. Talking to the database via WFS takes three short lines of code.

Now we will access and save to a csv file the sites contained in the SahulCHAR database.

Now that we have the data available, we define our plot parameters. We want to plot SahulCHAR site locations.

Display on map using "mapview" package

