

INDEX OF DATES FROM ARCHAEOLOGICAL SITES IN QUEENSLAND

SEAN ULM AND JILL REID

*Aboriginal and Torres Strait Islander Studies Unit, University of Queensland,
Brisbane, Queensland, 4072, Australia*

This volume presents an indexed compilation of chronometric determinations obtained from archaeological sites in the state of Queensland (including Torres Strait), Australia, to the end of 2000. The list includes conventional radiocarbon (^{14}C), accelerator mass spectrometry (AMS), thermoluminescence (TL) and optically-stimulated luminescence (OSL) determinations. In total, 849 dates are listed from 258 sites. This listing is intended as a reference work only and no analysis of the dataset is undertaken in this volume.

Introduction

In 1982, Michael Kelly compiled and published a list of radiocarbon and thermoluminescence dates obtained from archaeological sites in Queensland entitled *A Practical Reference Source to Radiocarbon Dates Obtained from Archaeological Sites in Queensland*. This monograph listed 164 radiocarbon dates and two thermoluminescence dates from 69 sites. Kelly's desire that "the radiocarbon list begun here will maintain pace with the burgeoning growth of archaeological investigation in Queensland" (1982:9) was never realised with very limited continuing input from archaeologists and no subsequent updates published.

In the 18 years that have elapsed since that compilation the pace of archaeological research in Queensland has increased dramatically (Figure 1). Large chronometric datasets have been generated by projects in Cape York Peninsula (e.g. Cole 1998; David 1998; David and Chant 1995; Morwood and Hobbs 1995), southwest Queensland (Robins 1995), central Queensland (e.g. Barker 1995; Border 1999; Lilley and Ulm 1995, 1999; Lilley *et al.* 1999b; Morwood 1984) and southeast Queensland (e.g. McNiven 1990a; Ulm and Hall 1996). Although several regional syntheses have emerged (e.g. David and Lourandos 1997; Ulm and Hall 1996), no work has attempted to re-synthesise this burgeoning database. In the absence of other sources, Kelly's (1982) monograph has become a unique resource for archaeologists working in Queensland which has no equivalent elsewhere in Australia (cf. Flood 1999:283-289; Stockton 1981).

The *Index of Dates from Archaeological Sites in Queensland* attempts to build on Kelly's (1982) work and to expand its utility by including indexes and key maps to facilitate various search options. The *Index* has three primary aims. The first is to provide a comprehensive listing of chronometric determinations obtained from archaeological sites in Queensland, including sample provenance and sample activity data where available.

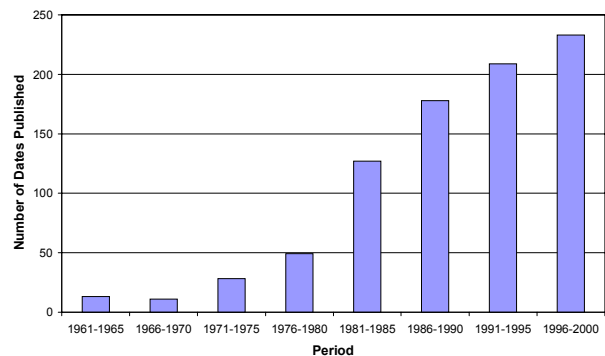


Figure 1. Rate of publication of chronometric dates from archaeological sites in Queensland in five-year intervals from 1961.

Secondly it aims to present basic information about chronometrically-dated sites in Queensland, including site location and basic site characteristics. The third aim is to provide a list of references for each of the dated sites which covers excavation, laboratory analysis, dating and interpretation. This last component forms a type of citation index and provides a structured entry-point to the literature concerning individual sites or sites in a particular region. The *Index* should be considered as a reference source only and not a substitute for the references cited.

The *Index* was compiled and structured with the needs of a number of potential user-groups in mind. Foremost amongst these are Aboriginal and Torres Strait Islander communities, which often experience difficulties accessing the results of archaeological research conducted in their country. The references which appear in Section 11 highlight the fact that virtually all of the information presented is derived from widely-scattered professional journals and unpublished theses which are often difficult for university-based academics to access, let alone rural or remote communities. Cultural heritage consultants and local government agencies will find the *Index* useful for quickly identifying whether dated archaeological sites occur in a specific management

or potential development area. Additionally, the site-specific references for given areas provide an entry-point to the literature on recorded but undated sites in a given region. Academics and other researchers may use the *Index* as a tool in analyses of site data or as an efficient entry-point to the literature. Finally, radiocarbon specialists will find technical details of sample activities and sample types useful in studies evaluating the efficacy of dating specific sample materials.

Methods

The *Index* was compiled through a survey of published sources, unpublished reports and postgraduate research theses as well as directly from public lists published by radiocarbon laboratories. This search involved systematically reviewing issues of *Queensland Archaeological Research*, *Australian Archaeology*, *Archaeology in Oceania* and *Radiocarbon* and relevant theses held at the University of Queensland, the University of New England, James Cook University of North Queensland, the University of Sydney and the Australian National University. Many theses were identified using White's (1975, 1994) compilations of Australian archaeological postgraduate research theses.

In addition to Kelly (1982), which was used as a starting point, a number of regional syntheses of archaeological datasets were used as an entry point to the literature containing chronometric dates: Ulm and Hall (1996) for southeast Queensland; Lilley *et al.* (1999b) and Rowland (1996) for the central Queensland coast; Morwood (1984) for the Central Queensland Highlands; David *et al.* (1998), David *et al.* (1999), David and Lourandos (1997) and David and Wilson (1999) for southeast Cape York Peninsula; and Barham *et al.* (in prep.) for Torres Strait. Wherever possible, original sources were consulted to minimize the potential for reporting error in secondary compilations. Where discrepancies were identified between determinations published in multiple sources every effort was made to clarify the error. Where this was not possible, the discrepancy was noted.

All dates listed have either been presented in a published form (e.g. journal article, book, postgraduate research thesis, World Wide Web, consultancy report) or are included with the express permission of the principal investigator of the site in question. On this basis, some determinations which were presented at conferences or that are in press or otherwise not yet published were not available for inclusion (see below). Conservatively, we estimate that this listing represents over 90% of determinations made at archaeological sites in Queensland.

In addition, individual researchers were contacted to confirm details of determinations, supply missing information where required and to seek access to otherwise unavailable data. In total, this search resulted in the identification of 849 dates from 258 sites, including several dates which were not previously reported (Figure 2, Table 1).

Structure of the *Index*

The *Index* has been structured with the needs of various user groups in mind. Determination details, site data and indexes have been divided into a number of sections outlined below to facilitate ease of access. In Section 1 we have grouped the basic data concerning each determination together in anticipation that this would be the most heavily used part of the *Index*. Other details are presented in subsequent sections.

Section 1: Basic Determination Data

This section lists basic determination data for all chronometric dates available from archaeological sites in Queensland. Basic data include site name, laboratory code, dating method (^{14}C , AMS, TL or OSL), the reported age (the conventional radiocarbon age in the case of ^{14}C and AMS determinations and the published age for TL and OSL dates), standard error, calibrated age/s for radiocarbon dates, sample material and earliest reference for the date information. See Explanatory Notes below for a full description of field data.

Section 2: Advanced Determination Data

Technical data on each determination is given (where available), including the sample species, weight of the sample submitted to the laboratory (as distinct to the weight of the sample after pretreatment), sample provenience (square, excavation unit, depth below surface), and, for radiocarbon dates, $\delta^{14}\text{C}$, $\delta^{13}\text{C}$, $\delta^{14}\text{C}$ and %Modern values. See Explanatory Notes below for a full description of field data.

Section 3: Notes on Individual Determinations

This section includes comments on individual determinations which require further explanation or clarification. Comments are made, for example, where dates or sample details are reported differently in multiple publications or where there is a potential problem with a particular piece of data associated with a date. Comments of investigators are also included where dates are considered anomalous or otherwise problematic. Note that not all determinations have associated comments. Determinations with accompanying notes are marked by shading of the laboratory code in Sections 1-2 (above).

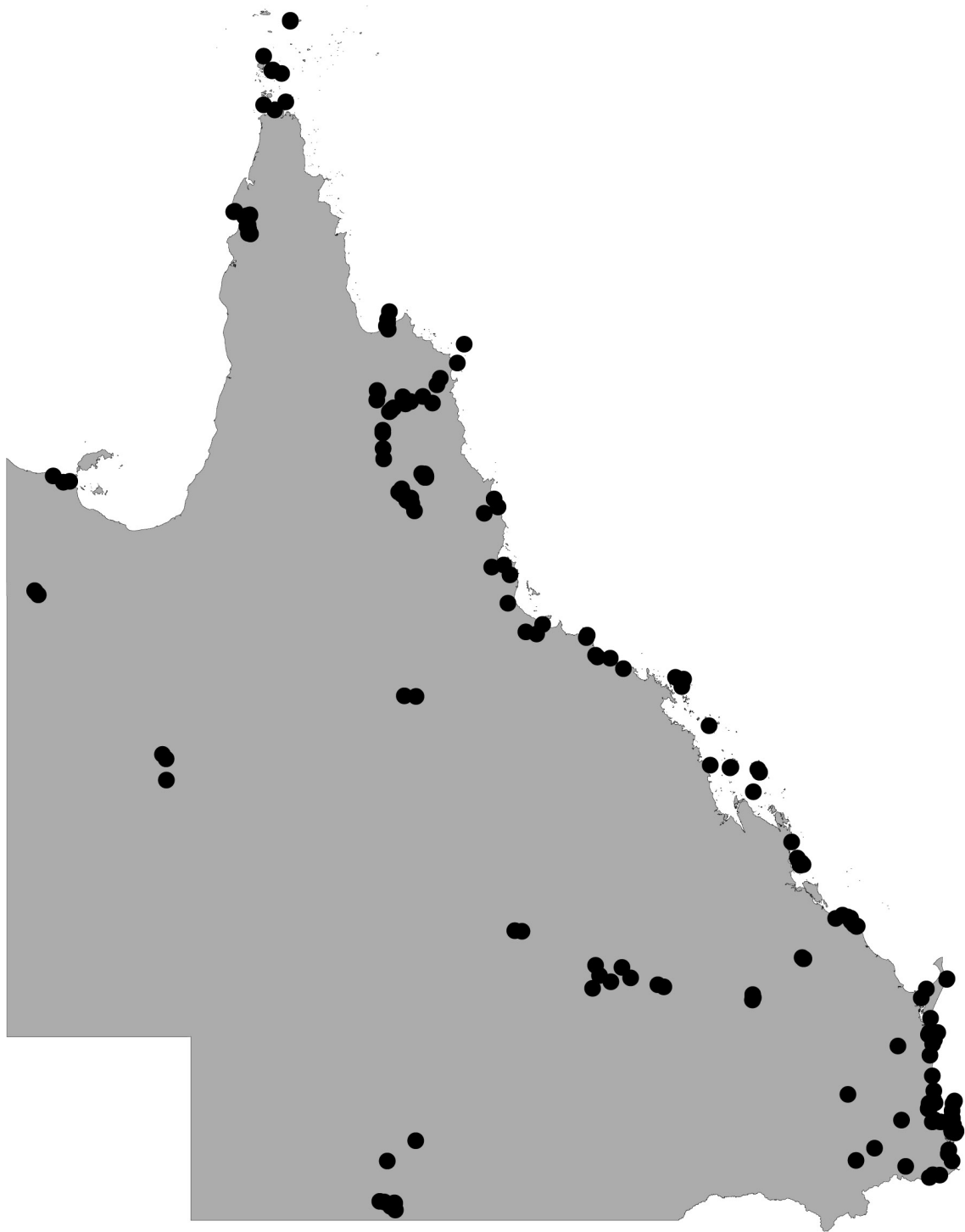


Figure 2. Distribution of dated archaeological sites in Queensland included in the *Index*. Note that five sites (PCB 13, PCB 111, PCB 141, Red Lady Rock Art and Shelly Beach) included in the *Index* do not appear in the figure as they do not have geographical coordinates available. Sites listed in Table 2 are also not shown.

Table 1. Summary of the number of dates and number of dated sites by 1:250,000 map sheet in descending order.

1:250K Sheet	# of Dates
Mossman	101
Atherton	95
Brisbane	81
Cooktown	75
Weipa	58
Bundaberg	53
Cape Melville	43
Monto	25
Springsure	23
Rockhampton	22
Tweed Heads	22
Eddystone	18
Eulo	18
Gympie	17
Innisfail	17
Lawn Hill	17
Duchess	16
Warwick	14
Ayr	13
Hughenden	10
Proserpine	10
Torres Strait	10
Wide Bay	10
Maryborough	9
Ipswich	8
Cairns	7
Ingham	7
Mornington	7
Townsville	7
Mundubbera	5
Percy Isles	5
Toompine	5
Daru	4
Mackay	4
Tambo	4
Boigu	3
Taroom	3
Port Clinton	1
Unknown	2

1:250K Sheet	# of Dated Sites
Weipa	37
Brisbane	31
Mossman	19
Cooktown	17
Cape Melville	11
Atherton	10
Ayr	10
Bundaberg	9
Eulo	9
Gympie	9
Rockhampton	8
Wide Bay	8
Torres Strait	7
Eddystone	5
Monto	5
Proserpine	5
Hughenden	4
Ingham	4
Mundubbera	4
Tweed Heads	4
Duchess	3
Lawn Hill	3
Mackay	3
Maryborough	3
Mornington	3
Percy Isles	3
Townsville	3
Cairns	2
Daru	2
Innisfail	2
Ipswich	2
Springsure	2
Tambo	2
Taroom	2
Warwick	2
Boigu	1
Port Clinton	1
Toompine	1
Unknown	2

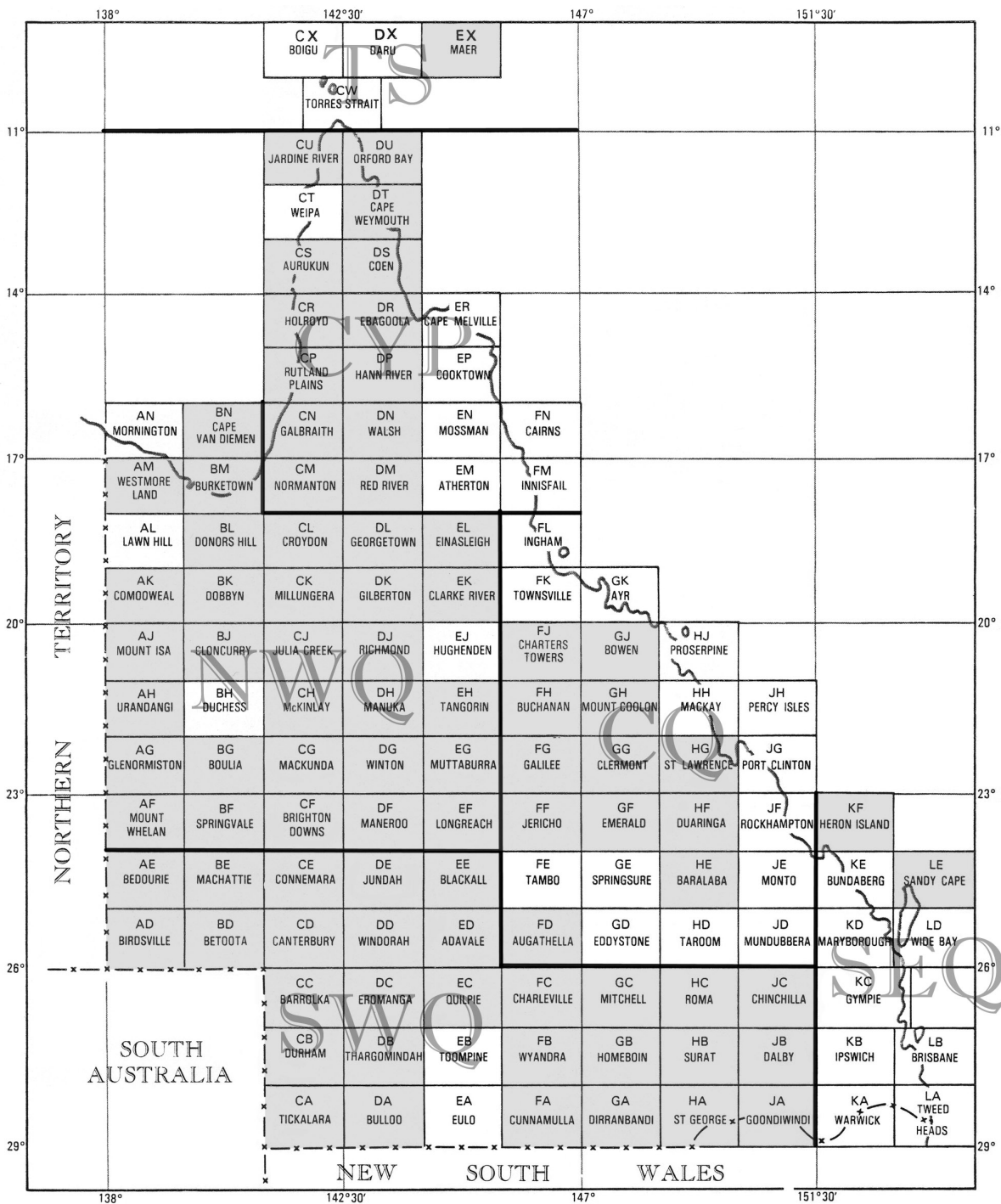


Figure 3. 1:250,000 map sheets with superimposed regions used to structure geographical information in the *Index* (after Johnston and Rowland 1987). Shaded squares indicate that no dated archaeological sites occur on that map sheet. The two letter code above each map sheet name is used by the Queensland Environmental Protection Agency to code cultural heritage places occurring on that map sheet.

Section 4: Site Information

In this section, basic information for each site is presented including: region, 1:250,000 map sheet name, geographical coordinates (decimal latitude and decimal longitude), state site designation, site type (open or rockshelter), whether the site is coastal (<1km from the coast) or inland and the principal investigator/s of the site. See the Explanatory Notes below for a full description of field data.

Section 5: Site References

This section presents bibliographic sources which refer specifically to the listed site. References cover excavation, laboratory analysis, dating and interpretation. Full bibliographic details are presented in Section 11.

Section 6: Index of Sites by Principal Investigator

This index lists dated site names by principal investigator. Some sites are listed against more than one principal investigator where sites have been excavated under the direction of more than one person. The principal investigator is defined as the individual who took primary responsibility for the excavation. Note that this index excludes principal investigators who may have excavated at a site but did not actually obtain chronometric determination/s. This index can be used to ascertain which sites in the *Index* have been investigated by a particular person prior to referring to Sections 1-5 for further details.

Section 7: Index of Sites by Alternative Site Name

Some sites are known in the literature by more than one name. This index provides a list of alternative published designations for sites included in the *Index*. If the name of a dated site is known but it is not listed in the *Index* it may be listed under another name. Use this index to locate the synonym for the site name used throughout the *Index*.

Section 8: Index of Sites by Conventional Radiocarbon Age (TL and OSL dates excluded)

This index lists all the radiocarbon dates in descending order of conventional radiocarbon age. TL and OSL dates are not included (n=17). Note that no differentiation is made between radiocarbon dates obtained on terrestrial (e.g. charcoal) or marine (e.g. shell) samples. Many dates based on marine samples may require corrections of up to several hundred years to make them comparable to dates obtained on terrestrial samples. This index is useful for locating determinations and/or sites for specific time periods.

Section 9: Index of Sites by Region

This index presents a list of dated sites grouped by region. A region is an arbitrary geographical referent

devised for the purposes of the *Index*, based on a division of Queensland into six broad zones (see Figure 3). See the Explanatory Notes below for a full description of field data.

Section 10: Index of Sites by 1:250,000 Map Sheet Name

This index, which presents a list of dated sites grouped by 1:250,000 map sheet name, is particularly useful if one wants to locate all the dated sites in a specific area. The general area that each map sheet covers is presented on the map sheet key diagram (Figure 3).

Section 11: References Cited

This section provides full bibliographic information for every source cited in the *Index*.

A Note on Conventional Radiocarbon Ages

Radiocarbon ages in the *Index* are reported as conventional radiocarbon ages (Stuiver and Polach 1977). That is, they are corrected for isotopic fractionation and not corrected for marine reservoir effect or any other correction (cf. Kelly 1982; Thom *et al.* 1981). Three dates from the Broadbeach Burial Ground and one from Polka Point were originally reported by Bermingham (1971) without correction for fractionation. To convert these dates to conventional radiocarbon ages, a correction estimate for isotopic fractionation (derived from Stuiver and Reimer 1993) was applied and is included in the determinations reported for these sites in Section 1. See the Explanatory Notes below for a technical definition of the conventional radiocarbon age.

A Note on Calibration of Radiocarbon Dates

Radiocarbon ages are conventionally reported in ¹⁴C years rather than calendar years. The primary difference between the two time-scales is caused by variability in the proportion of radioactive carbon in the biosphere through time and space. Conversion (or calibration) of radiocarbon dates from ¹⁴C years to calendar years is possible by reference to records of known variability in radioactive carbon activity derived from dated tree-ring and coral-varve sequences. Such sequences enable direct comparisons to be made between radiocarbon dates and true calendar ages calculated from growth bands to derive a correction for a specific time period and region to convert ¹⁴C years to calendar years. Technical details of the procedure used for calibrating radiocarbon dates for inclusion in the *Index* are presented in the Explanatory Notes (below). Calibration is a complex issue and for accessible discussions the reader is referred to Aitken (1990), Taylor (1987) and Taylor and Aitken (1997).

Table 2. Summary of dates not available for inclusion in the *Index*.

Site	# of Dates	Method	Investigator	References
Abbot Point	10	14C	Bryce Barker	Barker pers. comm., 2000
Anvil Creek	2	14C	Malcolm Ridges	Ridges <i>et al.</i> 2000
Border Island	1	14C	Lara Lamb	Lamb pers. comm., 2000
Cuckadoo 3	1	14C	Malcolm Ridges	Ridges <i>et al.</i> 2000
Hay Cave	11	14C	Harry Lourandos	Holden 1999; Roche 1999
Jiyer Cave	5	14C	Richard Cosgrove	Cosgrove 2000
Kurkur Weid Rockshelter	1	14C	Melissa Carter	Carter pers. comm., 2000
Lazaret Midden	9	14C	Anne Ross	Ross 2000; Ross & Coghill 1996
Moonface Site Rock Art	1	AMS	Malcolm Ridges	Ridges <i>et al.</i> 2000
Nara Inlet 1	1	14C	Lara Lamb	Lamb pers. comm., 2000
Ochre Quarry	2	AMS	Malcolm Ridges	Ridges <i>et al.</i> 2000
Ochre Quarry Shelter	1	14C	Malcolm Ridges	Ridges <i>et al.</i> 2000
Ormi	1	14C	Melissa Carter	Carter pers. comm., 2000
Pitkik 1 Midden	1	14C	Melissa Carter	Carter pers. comm., 2000
Sokoli Beach	1	14C	Melissa Carter	Carter pers. comm., 2000
Sokoli Beachrock	1	14C	Melissa Carter	Carter pers. comm., 2000
Sokoli Midden	4	14C	Melissa Carter	Carter pers. comm., 2000
Tigershark Rockshelter	3	14C	Ian McNiven	McNiven pers. comm., 2000

International lists and databases of dates often do not include calibrated (calendar) age-ranges for radiocarbon determinations (e.g. Breshini *et al.* 1996; Lavell *et al.* 1992; McFadgen *et al.* 2000). Two reasons are commonly cited for this omission. First, various calibration methods using the same calibration curve data can produce different results (see Aitchison *et al.* 1989). Second, on-going revisions and extensions of the calibration curve may render calibrations based on current data-sets obsolete. For the *Index* we decided to include calibration results where possible for all radiocarbon determinations. This was thought to be an important consideration for the utility of the *Index* as, without calibration, not only are radiocarbon dates obtained on charcoal and marine samples not comparable, but radiocarbon dates are not directly comparable to TL or OSL determinations. We attempted to reduce possible variation in calibration results by calculating results at the two sigma calibrated age-range and using a single calibration method (see Explanatory Notes below for technical details). Although on-going research is expected to result in revisions and extensions to the established calibration curves, these

are unlikely to have a dramatic impact on the overall corpus of Queensland dates. This is primarily because almost 85% of radiocarbon dates in Queensland date to less than 7,000 BP, and thus fall on that part of established calibration curves which have been subject to only minor revisions since 1986 (see Stuiver *et al.* 1998). Extensions to calibration curves will have the largest impact on the 51 radiocarbon dates older than available curves.

A Note on Coverage

The *Index of Dates from Archaeological Sites in Queensland* includes all absolute dates determined on materials from archaeological sites in Queensland known to the authors up to November 2000. It includes dates from non-cultural deposits underlying (e.g. Morwood *et al.* 1995a) or overlying (e.g. David 1998) cultural deposits as long as the dated samples are derived from the archaeological site itself. For example, TL dates obtained by Morwood *et al.* (1995a) for sterile deposits underlying the Sandy Creek 2 cultural deposits are included while TL determinations obtained 150m downslope of Sandy Creek 1 are excluded. Environmental dates which are

not directly related to archaeological deposits are completely excluded. The *Index* includes only *dated* sites. Many archaeological sites have been excavated in Queensland without radiometric dates being obtained (e.g. Haglund-Calley and Quinnell 1973; McNiven 1990a; Tugby and Tugby 1965). Further, there are many thousands of archaeological sites known in Queensland which have not been excavated or dated.

Table 2 summarises dates which were unavailable for inclusion in the *Index* for various reasons. For example, several dates presented at conferences or seminars have not yet appeared in the literature (Cosgrove 2000; Ross 2000; Ross and Coghill 1996), some papers containing dates were also published too late for inclusion (Barham 2000; Ridges *et al.* 2000) and finally, several dates were not included at the specific request of the principal investigators of the sites in question (Holden 1999; Roche 1999).

How to Use the *Index*

The *Index* should, at all times, be used in conjunction with the Explanatory Notes (see below) which provide detailed information about field contents and potential problems or uncertainties in the data presented. We reiterate that the *Index* should be considered as a reference tool only and not a substitute for the original published accounts which place the dates within an archaeological context and discuss potential technical or interpretative issues. In short, this compilation will provide the most benefit to users when it is employed in conjunction with the cited published accounts from which they have been derived.

There are a number of ways to search the *Index*. At a very basic level, for a site known to the user, one should peruse Sections 1-3 for date information from that site or Sections 4-5 for site information. If the name of a dated site is known but it cannot be found in the *Index* it is possibly listed under another name. Use the 'Index of Sites by Alternative Site Name' (Section 7) to locate the synonym for the site name used in the *Index*. If you are interested in all the dated sites investigated by a particular researcher in Queensland you can use the 'Index of Sites by Principal Investigator' (Section 6) to find out which sites in the *Index* have been investigated by a particular person and then look at Sections 1-5 for further details. Alternatively, if you have no idea which sites may have been dated in a particular geographical area you can locate the area on the map sheet key diagram (Figure 3) and then use the 'Index of Sites by 1:250,000 Map Sheet Name' (Section 10) to find out which sites in the *Index* have been dated in a particular area and then refer to Sections 1-5 for further details.

General Considerations

Sites are arranged in alphabetical order of the most commonly cited name of the site. For convenience, dates for each site are arranged chronologically by conventional radiocarbon age (or TL or OSL determination), regardless of the sample material or square or whether the date is considered anomalous. Thus, for example, for some coastal sites where both marine shell and charcoal have been dated or where samples have been dated from different parts of the site this order will not necessarily reflect actual calendrical or stratigraphic ordering of the dates. Where two or more dates from a site gave exactly the same age they are arranged in ascending order of the standard deviation. Where both dates and standard deviations are the same from the same site they are arranged in alphanumeric order of the laboratory code.

Future Updates

This list is necessarily a work-in-progress. Inevitably there will be errors and omissions in this compilation. A version of all the data presented here should be available on the World Wide Web in the near future and further hard copy editions will be issued. The potential success of such compilations is evident in Breschini *et al.*'s (1996) *California Radiocarbon Dates*, which is now in its eighth edition and includes over 4,600 radiocarbon dates. Any corrections or additions to this list would be appreciated and should be directed to the authors.

Acknowledgements

The *Index* has largely been compiled in our spare time. We are indebted to the Aboriginal and Torres Strait Islander Studies Unit at the University of Queensland for the use of its facilities and resources in bringing the project to fruition.

We are grateful for the assistance and encouragement of many people who saw a value in this compilation when it seemed like yet another thing to do in their already busy lives. In particular, for advice and discussions on various aspects of the project thanks to Ms Brit Asmussen (School of Archaeology and Anthropology, Australian National University), Dr Tony Barham (Division of Archaeology and Natural History, Australian National University), Ms Deborah Brian (School of Social Science, University of Queensland), Mr Malcolm Connolly (Cultural Heritage Branch, Queensland Environmental Protection Agency), A/Prof. Jay Hall (Archaeology Program, School of Social Science, University of Queensland), Dr Alan Hogg (Waikato Radiocarbon Laboratory, University of Waikato), A/Prof. Ian Lilley (Aboriginal and Torres Strait Islander Studies Unit, University of

Queensland), Mr Rob Neal (Queensland Environmental Protection Agency), Dr Jon Prangnell (University of Queensland Archaeological Services Unit), Dr Paula Reimer (School of Archaeology and Palaeoecology, Queen's University of Belfast), Dr Richard Robins (Australian Archaeology Section, Queensland Museum), Dr Annie Ross (Archaeology Program, School of Social Science, University of Queensland), Mr Mike Rowland (Cultural Heritage Branch, Queensland Environmental Protection Agency), Mr Jim Smith (Archaeology Program, School of Social Science, University of Queensland), Dr Graeme Ward (Australian Institute of Aboriginal and Torres Strait Islander Studies) and Ms Catherine Westcott (Cultural Heritage Branch, Queensland Environmental Protection Agency).

For responding to requests for additional information, checking entries and supplying unpublished material we sincerely thank: Dr Bryce Barker (Department of Humanities and International Studies, University of Southern Queensland), Dr John Beaton (Department of Anthropology, University of California, Davis), Mr Andrew Border (Queensland Environmental Protection Agency), Dr Noelene Cole, Dr Richard Cosgrove (Department of Archaeology, La Trobe University), Dr Bruno David (School of Geography and Environmental Science, Monash University), A/Prof. Jay Hall, Ms Lara Lamb (School of Archaeology and Anthropology, Australian National University), Dr Ian McNiven (School of Fine Arts, Classical Studies and Archaeology, University of Melbourne), Mr Rob Neal, Ms Norma Richardson (School of Archaeology and Anthropology, Australian National University), Dr Richard Robins and Mr Mike Rowland.

In particular, we would like to thank Mr Tony Eales, A/Prof. Jay Hall, A/Prof. Ian Lilley, Dr Ian McNiven, Dr Richard Robins and Mr Mike Rowland for making original radiocarbon laboratory reports available for direct cross-checking.

We are indebted to Dr Jon Prangnell for helping in the arduous task of plotting sites from often poor-quality maps and to Mr Malcolm Connolly for helping with database advice and providing state site designations at the eleventh hour.

Finally, we would like to extend a special thanks to Mr Mike Rowland for encouragement throughout the project and for reading and commenting on the completed manuscript. We remain responsible for any errors or omissions.

Explanatory Notes

SECTION 1: Basic Determination Data

Site Name: The most commonly-cited name of the site from which dated samples are derived. Alternative published designations are included in the 'Index of Sites by Alternative Site Name' (Section 7). Dates obtained from rock art are distinguished from dates obtained from sedimentary archaeological deposits by adding the suffix 'Rock Art' after the site name. This is a mandatory field for inclusion in the *Index*.

Lab. Code: A unique laboratory code assigned to an individual radiometric age determination. Table 3 provides a key to laboratory code abbreviations. Occasionally, determinations may have more than one code, particularly when sample preparation is conducted at one laboratory and actual age determination at another. Alternative laboratory codes are recorded in one of the 'Notes' fields in Section 3 (see below). Field or laboratory designations given to samples by submitters are excluded completely. Three determinations from three sites (St Bees Rockshelter, Selwyn Range 1 and Selwyn Range 2) do not have laboratory codes reported in the literature. Shaded laboratory codes indicate that notes concerning aspects of the determination are listed in Section 3.

Method: The specific method used to arrive at an absolute age value for the sample. Four methods have been employed in absolute radiometric dating of archaeological deposits in Queensland: conventional radiocarbon (^{14}C), accelerator mass spectrometry (AMS), thermoluminescence (TL) and optically-stimulated luminescence (OSL). Please note that the *Index* is overwhelmingly focussed on radiocarbon (ie. ^{14}C and AMS) determinations so many data fields are not relevant to TL or OSL determinations. Where a particular field is not relevant to a TL or OSL determination 'NA' (Not Applicable) is inserted. Dates arrived at by non-absolute dating methods, including typological dating, electron spin resonance (ESR) dating (e.g. Caddie *et al.* 1984) and interpolations from absolute determinations, are excluded completely. For accessible discussions of these methods the reader is referred to Aitken (1990), Taylor (1987) and Taylor and Aitken (1997). This is a mandatory field for inclusion in the *Index*.

CRA: The conventional radiocarbon age (CRA) is employed, as defined by Stuiver and Polach (1977) as:

- (1) the use of the Libby half-life value of 5568 years (mean life 8033 years);
- (2) the assumption of uniformity in ^{14}C activity throughout the biosphere in the past;
- (3) the use of oxalic acid or a secondary standard as the modern standard;
- (4) isotopic fractionation normalization of all sample activities to the base of $\delta^{13}\text{C} = -25.0$ per mille (relative to the $^{13}\text{C}:^{12}\text{C}$ ratio of PDB standard); and,
- (5) the use of AD 1950 as the base year, with ages given in years before present (BP) (i.e. AD 1950 = 0 BP).

The conventional radiocarbon age BP is calculated using the radiocarbon decay equation:

$$t = -8033 \ln(A_{sn}/A_{on})$$

where -8033 represents the mean lifetime of ^{14}C (Stuiver and Polach 1977), A_{on} is the activity in counts per minute of the modern standard, A_{sn} is the equivalent counts per minute for the sample and 'ln' represents the natural logarithm (see Higham 2000 for a discussion).

Exceptions to these conventions occur for very old and very young samples. Samples with CRAs of less than 200 years are termed 'modern' and those with CRAs more recent than AD 1950 (i.e. in the future) are termed '>modern' (greater than modern) (Stuiver and Polach 1977). In the *Index* both these designations are replaced by 0 ± 0 . Very old samples, where ^{14}C activity cannot be confidently distinguished from the background laboratory ^{14}C activity, are reported as minimum ages without an estimate of standard error. For example, the result from Ngarrabullgan Cave in Cape York Peninsula is reported as $>37,170$ (Beta-45906) (David 1992a).

Note that this CRA definition is not applicable to TL or OSL determinations. The exact relationship between ^{14}C years, calendar years, TL years and OSL years is uncertain. This definition is different from the one employed by Kelly (1982), which followed Thom *et al.* (1981) in defining the CRA as corrected for environmental (marine) reservoir effects. This is a mandatory field for inclusion in the *Index*.

±: The estimated standard error attached to an individual determination, equal to one standard deviation (1σ). Note that occasionally determinations have asymmetrical standard deviations.

Calibrated Age/s: Conventional radiocarbon ages (CRAs) were converted to calendar years using the CALIB (v4.3) computer program (Stuiver and Reimer 1993). Determinations based on charcoal and other terrestrially-derived samples (including land snail shell and freshwater shell) were calibrated using the atmospheric decadal dataset of Stuiver *et al.* (1998) with no laboratory error multiplier. Twenty-four years were subtracted from terrestrially-derived (atmospheric) samples before calibration to correct for ^{14}C variations between northern and southern hemispheres. Atmospheric CRA determinations between 0 BP and 20,265 BP were calibrated using the atmospheric decadal dataset (Stuiver *et al.* 1998). Dates on marine samples (e.g. marine and estuarine shell) with CRAs between 461 and c.20,760 BP were calibrated using the marine calibration model dataset of Stuiver *et al.* (1998) with a ΔR correction value of 11 ± 5 (see Reimer 2000 for an outline of ΔR values and calculation procedure). While the general validity of this ΔR correction value for open waters has been sustained by recent research, significant variability in individual embayments and estuaries along the Queensland coast has been identified (Ulm in prep.). In the case of determinations based on marine and estuarine shell samples, the species and provenience of the sample should be considered on a case-by-case basis to assess the validity of the calibrated age presented. The calibrated ages reported span the 2σ calibrated age-range. Samples too young for use of the calibration curves are reported as 'modern'. Where a calibrated intercept or age-range is reported as '0*' a 'negative' or 'modern' age BP is indicated due to uncertainties introduced by nuclear testing. Atmospheric samples older than 20,265 BP and marine samples older than 20,760 BP are not able to be calibrated with any confidence using available calibration curves. Where a determination is older than available calibration curves, 'Beyond available calibration curves' is inserted. The dates presented on either side of the bracketed dates represent the 2σ calibrated age-range of the radiocarbon date using the calibration procedure outlined above. The date/s in the brackets represent the intercept/s of the radiocarbon age with the calibration curve. In regions of the calibration curve exhibiting short-term variation in atmospheric radioactive carbon activity, or where radiocarbon ages have large standard errors, it is common to have multiple intercepts (i.e. multiple calibrated ages for any given radiocarbon date) which are equally probable.

Sample: The type of material upon which the age determination was obtained (e.g. charcoal, marine shell, freshwater shell, land snail shell, soil, wood, carbonate, bone, sediment etc). If the sample was speciated, this is recorded in a separate 'Species' field in Section 2 (see below). Where no sample type is provided in the literature the default value is 'Unidentified'.

Date Reference: This records the primary source of the reported determination. Wherever possible this is the earliest published record (including Honours theses) of the reported determination in its current form. Where determinations have been recalculated by laboratories or where dates have been misreported in earlier publications, the earliest corrected source of the determination is cited wherever possible. For the purposes of this field, postgraduate research theses of honours level and above are included. Wherever possible, unpublished material and personal communications are excluded where a published source is available. This is a mandatory field for inclusion in the *Index*.

SECTION 2: Advanced Determination Data

Site Name: The most commonly-cited name of the site from which dated samples are derived. Alternative published designations are included in the 'Index of Sites by Alternative Site Name' (Section 7). Dates obtained from rock art are distinguished from dates obtained from sedimentary archaeological deposits by adding the suffix 'Rock Art' after the site name. This is a mandatory field for inclusion in the *Index*.

Lab. Code: A unique laboratory code assigned to an individual radiometric age determination. Table 3 provides a key to laboratory code abbreviations. Occasionally, determinations may have more than one code, particularly when sample preparation is conducted at one laboratory and actual age determination at another. Alternative laboratory codes are recorded in one of the 'Notes' fields in Section 3 (see below). Field or laboratory designations given to samples by submitters are excluded completely. Three determinations from three sites (St Bees Rockshelter, Selwyn Range 1 and Selwyn Range 2) do not have laboratory codes reported in the literature. Shaded laboratory codes indicate that notes concerning aspects of the determination are listed in Section 3.

Species: The species of the material upon which the age determination was obtained (e.g. *Anadara trapezia* etc). This is commonly reported for marine shell and estuarine shell samples but less commonly determined for charcoal and other samples. Where no species is stated in the literature the default value is 'Unidentified'. Note that this field is not relevant for TL or OSL determinations where 'NA' (Not Applicable) is inserted.

Weight: The weight of the sample submitted in grams (g). Note that after physical and chemical laboratory pretreatment procedures the actual weight of material dated can be considerably less than that submitted. Where no weight is stated in the literature, the field is left blank.

Square: The field-designated horizontal unit of excavation from which the sample was derived. In recent excavations this unit is normally a square forming part of a metric excavation grid. It also includes other spatial designations such as 'trench'. Where no square or other spatial designation is stated in the literature, the field is left blank.

XU: The excavation unit (XU) is the field-designated vertical unit of excavation from which the sample is derived. In recent excavations this unit has commonly been an arbitrary depth unit within a horizontal unit (see 'Square' above) or an arbitrary depth unit within a stratigraphic unit. Where only stratigraphic units (or layers) are available these are included with the prefix 'SU'. Where no excavation unit or equivalent is stated in the literature, the field is left blank.

Depth: The depth of the sample below ground surface, in centimetres (cm). This is normally presented in the form of a depth range, generally according to the beginning and end depths of the excavation unit (see 'XU' above) from which the sample is derived. Occasionally an absolute depth value is presented, normally resulting from plotting of the sample during excavation. Where no depth is stated in the literature, the field is left blank.

d14C: The depletion of ^{14}C in a sample before correction for fractionation, expressed per mille (‰) (Aitken 1990; Higham 2000). d14C is calculated by (see 'CRA' above for definitions):

$$\text{d14C} = ((\text{Asn}/\text{Aon}) - 1)1000 \text{ per mille}$$

±: Standard deviation of the determined d14C value (see above), normally equal to one standard deviation (1σ).

d13C: The difference between the $^{13}\text{C}:^{12}\text{C}$ ratio of the sample to the ratio of the chosen standard (Aitken 1990:63), expressed per mille (‰). Conventionally, the standard employed is PDB carbonate (*Belemnita americana*, from the Pee Dee formation of South Carolina) (Aitken 1990:110). Note that where this value has been estimated, rather than actually determined for the sample, an 'e' is added at the end of the value.

±: Standard deviation of the determined d13C value (see above), normally equal to one standard deviation (1σ).

D14C: The depletion of ^{14}C in a sample after correction for isotopic fractionation of the sample to the base value of -25.0‰ per mille (relative to the $^{13}\text{C}:^{12}\text{C}$ ratio of PDB standard), expressed per mille (‰) (Aitken 1990). D14C is given by:

$$\text{D14C} = \text{d14C} - 2(\text{dC13} + 25)(1 + \text{d14C}/1000) \text{ per mille}$$

±: Standard deviation of the determined D14C value (see above), normally equal to one standard deviation (1σ).

%M: Percent modern (%M or pMC - 'percent modern carbon') is calculated using:

$$\%M = 100 \times \text{Asn}/\text{Aabs} \text{ OR } \text{Asn}/\text{Aon}(1/8267(y-1950)) \times 100 \text{ percent}$$

where Aabs is the absolute international standard activity, 1/8267 is the lifetime based on the new half life (5730 years), and y is the year of measurement of the appropriate standard. This is an expression of the ratio of the net modern activity against the residual normalised activity of the sample, expressed as a percentage. It represents the proportion of radiocarbon atoms in the sample compared to that present in the year AD 1950.

±: Standard deviation of the determined %M value (see above), normally equal to one standard deviation (1σ).

SECTION 3: Notes on Individual Determinations

Site Name: The most commonly-cited name of the site from which dated samples are derived. Alternative published designations are included in the 'Index of Sites by Alternative Site Name' (Section 7). Dates obtained from rock art are distinguished from dates obtained from sedimentary archaeological deposits by adding the suffix 'Rock Art' after the site name. This is a mandatory field for inclusion in the *Index*.

Lab. Code: A unique laboratory code assigned to an individual radiometric age determination. Table 3 provides a key to laboratory code abbreviations. Occasionally, determinations may have more than one code, particularly when sample preparation is conducted at one laboratory and actual age determination at another. Alternative laboratory codes are recorded in one of the 'Notes' fields (see below). Field or laboratory designations given to samples by submitters are excluded completely. Three determinations from three sites (St Bees Rockshelter, Selwyn Range 1 and Selwyn Range 2) do not have laboratory codes reported in the literature.

Notes 1-2: This field records notes on aspects of data which require comment or clarification. Determinations with accompanying notes are demarcated by shading of the laboratory code field in Sections 1-2. Notes include instances where individual determinations or laboratory numbers are previously mis-reported or where a date is considered to be anomalous by an investigator. Please note that not all determinations have accompanying notes.

SECTION 4: Site Information

Site Name: The most commonly-cited name of the site from which dated samples are derived. Alternative published designations are included in the 'Index of Sites by Alternative Site Name' (Section 7). This is a mandatory field for inclusion in the *Index*.

Region: The field records a general, arbitrary geographical referent for the site based on a division of Queensland into six zones (see Figure 3, 4 or 5): TS=Torres Strait; CYP=Cape York Peninsula; NWQ=Northwest Queensland; CQ=Central Queensland; SWQ=Southwest Queensland; and SEQ=Southeast Queensland. Where possible, these general divisions conform to everyday usage of the terms. These units are completely arbitrary and are not meant to imply any analytical category. The divisions of each region conform to boundaries of the 1:250,000 map sheet series so that a nested hierarchy of geographical referents is established. The only exception to this last point is the Torres Strait 1:250,000 map sheet. Sites on this map sheet which are on the mainland are included in the Cape York Peninsula (CYP) region whereas sites on islands are included in the Torres Strait (TS) region.

1:250K Sheet: The Queensland 1:250,000 map sheet (by name) on which the site occurs (see Figure 3, 4 or 5). The 1:250,000 map sheet series was chosen as this is the smallest scale series which covers the whole of Queensland and is the series used by the Cultural Heritage Branch of the Queensland Environmental Protection Agency for site recording procedures (Johnston and Rowland 1987).

Latitude: The decimal latitude of the site. For most sites this value has been estimated from sketch maps and general site location information included in the literature. Few sites reported in the literature include precise locational data. Thus there is considerable uncertainty in the precision of this value. In any case, it may not be desirable to be overly precise owing to the possible use of compilations such as this one for nefarious activities. This value has therefore been rounded to four decimal places to obscure exact site locations. The reader should, therefore, generally treat this value as an approximation and is referred back to the original literature reporting the site details.

Longitude: The decimal longitude of the site. For most sites this value has been estimated from sketch maps and general site location information included in the literature. Few sites reported in the literature include precise locational data. Thus there is considerable uncertainty in the precision of this value. In any case, it may

not be desirable to be overly precise owing to the possible use of compilations such as this one for nefarious activities. This value has therefore been rounded to four decimal places to obscure exact site locations. The reader should, therefore, generally treat this value as an approximation and is referred back to the original literature reporting the site details.

State #: The unique site designation assigned by the Cultural Heritage Branch, Queensland Environmental Protection Agency. Please note that Cultural Heritage Branch site designations are not necessarily the same as those assigned by archaeological investigators. For example, multiple sites defined as separate by investigators may have the same Cultural Heritage Branch designation, and *vice versa*. Many of these values were obtained from a geographic information system (GIS) overlay of the sites presented in the *Index* over those held by the Environmental Protection Agency. Some of these designations may be incorrect owing to uncertainties in locational data. The data in this field will be checked for the next edition. Note that not all sites in the *Index* have a state designation.

Type: This field records whether the site is situated in an open (i.e. open air) context or rockshelter (including cave) context.

Location: This field records whether the site is coastal or inland. Coastal sites are arbitrarily defined as sites within approximately 1km of the current high water mark (including rivers and creeks).

Investigator 1-3: The principal investigator of the site during the period when the reported determination/s were undertaken. Some sites have multiple investigators through time when sites have been excavated on more than one occasion. The principal investigator is defined as the individual who took primary responsibility for the excavation at the time the determination/s in question were undertaken. Note that these fields exclude principal investigators who may have excavated at a site but did not actually obtain any chronometric determinations while fulfilling the role of principal investigator.

SECTION 5: Site References

Site Name: The most commonly-cited name of the site from which dated samples are derived. Alternative published designations are included in the ‘Index of Sites by Alternative Site Name’ (Section 7). This is a mandatory field for inclusion in the *Index*.

General Reference: This section lists references (including the primary ‘Date Reference’, see above) that refer to aspects of the site for which dates are presented. It should be noted that these references do not necessarily contain the dates themselves, but rather often provide other relevant information such as site descriptions, excavations procedures and stratigraphic profiles.

Abbreviations

AMS	accelerator mass spectrometry	NA	not applicable
CRA	conventional radiocarbon age	ORE	oceanic reservoir effect (or marine reservoir effect)
e	estimate	OSL	optically-stimulated luminescence
f/w	freshwater	TL	thermoluminescence
l/s	land snail		

Table 3. Key to laboratory code abbreviations used in the text. An asterisk (*) indicates that the laboratory is no longer active.

Code	Method	Laboratory Details
AA	AMS	NSF-Arizona AMS Facility, University of Arizona, Tucson, USA
ANU	14C	Quaternary Dating Research Centre, Australian National University, Canberra, Australia
ANUA	AMS	Department of Nuclear Physics, Australian National University, Canberra, Australia
ANU _{OD}	OSL	Australian National University Optical Date, Luminescence Dating Laboratory, Canberra
ARL	AMS	Australian Radiometric Laboratory
Beta	14C	Beta Analytic Inc., Miami, USA
ETH	AMS	Eidgenossische Technische Hochschule Honggerberg, Zurich, Switzerland
GaK	14C	Radiocarbon Laboratory, Gakushuin University, Tokyo, Japan
GX	14C	Geochron Laboratories, Cambridge, Massachusetts, USA
I	14C	Teledyne Brown Engineering Environmental Services, Westwood, New Jersey, USA
LJ*	14C	Scripps (UCSD), La Jolla, USA
NPL*	14C	National Physical Laboratory, Middlesex, UK
NZA	AMS	Rafter Radiocarbon Laboratory, Lower Hutt, New Zealand
OxA	AMS	Oxford Radiocarbon Accelerator Unit, Oxford University, UK
OZ	AMS	ANTARES AMS Centre, ANSTO, Lucas Heights, Australia
R	14C	Dipartimento di Fisica, Universita "La Sapienza", Rome, Italy
SUA	14C	The NWG Macintosh Centre for Quaternary Dating, University Sydney, Sydney, Australia
V*	14C	Victoria Radiocarbon Laboratory, Melbourne, Australia
W	TL	University of Wollongong Thermoluminescence Dating Laboratory, Wollongong, Australia
Wk	14C	Radiocarbon Laboratory, University of Waikato, Hamilton, New Zealand

SECTION 1:

Basic Determination Data

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Abbott Bay	GaK-2013	14C	750	80	509(403)253	marine shell	Hopley 1970a
Alkline Hill	ANU-3041a	14C	3890	70	4051(3833)3645	marine shell	Beaton 1985
Aranarawai Beach Ridge II	Beta-24538	14C	1880	80	1588(1402)1263	marine shell	Neal 1989
Bayley Point Mound 3	Beta-61791	14C	890	60	566(500)419	marine shell	Robins et al. 1998
	Beta-28747	14C	1000	65	663(656)488	marine shell	Robins et al. 1998
	Beta-37835	14C	1300	70	959(835)677	marine shell	Robins et al. 1998
	Beta-26903	14C	1540	60	1222(1067)941	marine shell	Robins et al. 1998
Bera Hill	ANU-2912	14C	500	80	286(104)0	marine shell	Barham 1981
Big Foot Art Site	Wk-4880	14C	330	50	497(417,409,314)157	charcoal	Westcott 1997
	Wk-4881	14C	590	50	653(615,549)512	charcoal	Westcott 1997
	Wk-4879	14C	4170	60	4837(4806,4762,4687,4674,4646)4448	charcoal	Westcott 1997
	Wk-4638	14C	7040	70	7965(7836,7797,7793)7676	charcoal	Westcott 1997
Big Sandhills Beach	Beta-4231	14C	250	70	modern	marine shell	Rowland 1982b
	Beta-4230	14C	310	70	modern	marine shell	Rowland 1982b
Bishop's Peak	Beta-16298	14C	1420	60	1408(1295)1183	charcoal	Edmonds 1986
	Beta-16299	14C	2620	90	2867(2746)2360	charcoal	Edmonds 1986
Boonah Shelter	Beta-25205	14C	1300	60	1298(1256,1253,1233,1202,1184)1059	charcoal	Burke 1988
	Beta-21276	14C	1960	110	2148(1879)1610	charcoal	Morwe 1987
	Beta-27663	14C	2510	60	2749(2708,2632,2612,2589,2537,2530,2494)2352	charcoal	Burke 1988
	Beta-25204	14C	3240	50	3565(3445,3420,3411)3352	charcoal	Burke 1988
Booral Homestead Midden	Beta-38414	14C	2400	110	2747(2353)2129	charcoal	Frankland 1990
	Beta-32045	14C	2420	80	2738(2356)2184	charcoal	Frankland 1990
	Beta-37394	14C	980	60	968(915,806,804)732	charcoal	Frankland 1990
	Beta-36303	14C	1750	60	1817(1688,1673,1613)1520	charcoal	Frankland 1990
	Beta-36304	14C	2480	60	2744(2704,2671,2487,2479,2471)2347	charcoal	Frankland 1990
	Beta-38415	14C	2660	60	2852(2752)2621	charcoal	Frankland 1990
	Beta-38242	14C	2790	80	3136(2852)2748	charcoal	Frankland 1990
	Beta-32046	14C	2950	60	3319(3135,3133,3076)2875	charcoal	Frankland 1990
Border Island 1	Beta-61168	14C	3260	110	3349(3066)2773	marine shell	Barker 1995
	Wk-3326	14C	6170	50	6713(6606)6461	marine shell	Barker 1995
	Beta-56976	14C	6440	90	7155(6895)6679	marine shell	Barker 1995
Boulder 1	Wk-4878	14C	3290	60	3637(3470)3362	charcoal	Lilley et al. 1998
Bramston Beach Midden	SUA-2499	14C	520	50	623(623)474	nutshell	Horsfall 1987
	SUA-2500	14C	540	50	634(532)499	charcoal	Horsfall 1987
	SUA-2501	14C	580	40	287(247)102	marine shell	Horsfall 1987
	SUA-2245	14C	660	70	443(286)130	marine shell	Horsfall 1987
	SUA-2287	14C	710	50	452(315)262	marine shell	Horsfall 1987
Bribie Island 9	Beta-56565	14C	200	80	430(276,173,149,9,4)0*	charcoal	Smith 1992
	Beta-56566	14C	3280	80	3687(3469)3273	charcoal	Smith 1992
Broadbeach Burial Ground	V-161	14C	50	86	282(0*)0*	charcoal	Birmingham 1971
	ANU-67/2	14C	440	100	633(500)165	charcoal	Haglund 1976
	ANU-67/3	14C	460	100	647(507)293	charcoal	Haglund 1976
	V-157	14C	1110	91	1255(970)791	charcoal	Birmingham 1971

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 1: Basic Determination Data

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference	
Broadbeach Burial Ground	V-162	14C	1180	110	1292(1059)797	charcoal	Birmingham 1971	
	ANU-68/1	14C	1190	100	1290(1062)919	charcoal	Haglund 1976	
	ANU-68/2	14C	1390	100	1507(1290)1061	charcoal	Haglund 1976	
	ANU-67/1	14C	10200	300	12913(11913,11815,11758)10789	charcoal	Haglund 1976	
Brooyar Rockshelter	Beta-23344	14C	2650	60	2849(2751)2545	charcoal	McNiven 1988	
	Beta-3077	14C	2030	70	2147(1966,1963,1949)1820	charcoal	Kelly 1982	
Brown's Road	Beta-3077	14C	2030	70	2147(1966,1963,1949)1820	charcoal	Kelly 1982	
	Wk-6191	14C	420	50	525(478)312	charcoal	David & Wilson 1999	
Bush Peg Shelter	Wk-5866	14C	4160	60	4834(4793,4764,4623)4446	charcoal	David & Wilson 1999	
	Beta-42843	14C	700	60	694(654)545	charcoal	Ulm & Hall 1996	
Bushranger's Cave	Beta-42844	14C	1980	70	2061(1918,1913,1896)1716	charcoal	Ulm & Hall 1996	
	Beta-18897	14C	2090	90	2312(2035,2033,2001)1823	charcoal	Hall & Hiscock 1988	
	Beta-44134	14C	3460	80	3892(3689)3472	charcoal	Ulm & Hall 1996	
	Beta-4851	14C	4720	100	5609(5454,5375,5331)5054	charcoal	Ulm & Hall 1996	
	Beta-4852	14C	5540	100	6495(6296)6001	charcoal	Hall 1986	
	Beta-42845	14C	5820	110	6857(6636,6580,6571)6314	charcoal	Ulm & Hall 1996	
	Beta-42846	14C	8090	110	9397(9008)8601	charcoal	Ulm & Hall 1996	
	Beta-42847	14C	9270	100	10689(10470,10459,10424)10215	charcoal	Ulm & Hall 1996	
	Cameron Point 62	Beta-34400	14C	190	50	304(273,189,147,13,4)0*	charcoal	McNiven 1990a
		Beta-34401	14C	950	60	952(906,861,829,811,794)698	charcoal	McNiven 1990a
	Cape Cornwall	ANU-1364	14C	610	90	678(620,608,554)495	charcoal	Moore 1979
	Cape Flattery	Beta-30287	14C	0	0	modern	charcoal	Robins pers. comm., 2000
	Cape Palmerston	Beta-64372	14C	2350	70	2707(2345)2153	charcoal	Border 1994
	Castle Rock Cave	Beta-64373	14C	2300	90	2706(2331)2058	charcoal	Border 1994
ANU-1763		14C	1730	70	1817(1608,1577,1573)1417	charcoal	Beaton 1977	
Cathedral Cave	ANU-1761	14C	2300	70	2428(2331)2121	charcoal	Beaton 1977	
	ANU-1760	14C	2960	80	3342(3136,3131,3096,3093,3077)2860	charcoal	Beaton 1977	
Chillagoe Site 55 Rock Art	ANU-1764	14C	3330	80	3716(3550,3512,3481)3362	charcoal	Beaton 1977	
	ANU-1762	14C	3560	80	4078(3830,3785,3782)3594	charcoal	Beaton 1977	
	OZC-441	AMS	530	105	665(627)312	charcoal	Beaton 1977	
	OZC-440	AMS	620	170	909(622,605,556)300	charcoal	David et al. 1999	
	OZD-423	AMS	1000	120	1170(924)669	charcoal	David et al. 1999	
	OZC-853	AMS	1150	90	1263(1052,1029,1006,996,995)800	charcoal	David et al. 1999	
	OZC-438	AMS	1750	180	2043(1688,1673,1613)1289	charcoal	David et al. 1999	
	OZC-852	AMS	2080	100	2326(1997)1818	charcoal	David et al. 1999	
	OZC-439	AMS	3330	440	4820(3550,3512,3481)2362	charcoal	David et al. 1999	
	Chillagoe Site 62 Rock Art	OZB-586	AMS	990	485	1879(919)0*	charcoal	Armitage et al. 1998
		OZB-765	AMS	1270	250	1691(1175)671	charcoal	Armitage et al. 1998
	Chillagoe Site 75 Rock Art	OZB-782	AMS	2000	510	3209(1924,1908,1902)804	charcoal	Armitage et al. 1998
OZB-587		AMS	2670	290	3465(2754)2002	charcoal	Armitage et al. 1998	
Christmas Creek	Beta-54588	14C	1000	70	1050(924)733	charcoal	Bonica 1992	
	Beta-54589	14C	1990	90	2146(1921,1910,1899)1708	charcoal	Bonica 1992	
	Beta-44841	14C	3270	60	3633(3467)3357	charcoal	Bonica 1992	
Clam Bay	Beta-4232	14C	790	70	519(433)281	marine shell	Rowland 1982b	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Colless Creek Cave	ANU-3609	14C	2940	110	3361(3075)2779	f/w shell	Hiscock 1988a
	ANU-3608	14C	3370	130	3897(3627,3621,3605,3603,3573)3271	f/w shell	Hiscock 1988a
	ANU-3610	14C	3400	170	4086(3633,3615,3613)3214	f/w shell	Hiscock 1988a
	ANU-3829	14C	4690	100	5599(5447,5408,5326)5048	f/w shell	Hiscock 1988a
	ANU-2330	14C	5070	250	6308(5856,5844,5844,5829,5749)5297	f/w shell	Hughes 1983
	ANU-3511	14C	7480	100	8413(8324,8309,8295,8260,8246,8240,8212)8028	f/w shell	Hiscock 1988a
	ANU-3830	14C	8240	50	9400(9246,9217,9207,9201,9191,9173,9132)9025	f/w shell	Hiscock 1988a
	ANU-2507	14C	13620	160	16923(16325)15758	f/w shell	Hughes 1983
	ANU-2506	14C	14150	160	17559(16934)16355	f/w shell	Hughes 1983
	ANU-2509	14C	15820	190	19610(18856)18164	f/w shell	Hughes 1983
	ANU-2508	14C	16170	260	20128(19259)18443	f/w shell	Hughes 1983
	ANU-2331	14C	17290	470	21821(20548)19310	f/w shell	Hughes 1983
	OZB-778	AMS	810	80	912(689)564	charcoal	David et al. 1998
	OZB-579	AMS	1670	60	1696(1535)1409	charcoal	David & Lourandos 1997
OZB-776	AMS	2800	80	3155(2865)2750	charcoal	David et al. 1998	
Beta-3227	14C	390	50	modern	marine shell	Ward & Hacker 1981	
Beta-3226	14C	1300	90	1002(835)656	marine shell	Ward & Hacker 1981	
Beta-38560	14C	770	60	762(671)564	charcoal	Davidson et al. 1993	
Beta-25057	14C	1170	50	1175(1057)951	charcoal	Davidson et al. 1993	
Beta-28454	14C	1690	60	1709(1548)1412	charcoal	Davidson et al. 1993	
Beta-38561	14C	1780	50	1819(1693,1648,1632)1538	charcoal	Davidson et al. 1993	
ANU-7851	14C	3090	70	3443(3322,3288,3267)3077	charcoal	Davidson et al. 1993	
Beta-38562	14C	4270	70	4967(4831)4553	charcoal	Davidson et al. 1993	
ANU-7853	14C	4270	250	5574(4831)4092	charcoal	Davidson et al. 1993	
ANU-7852	14C	4360	80	5277(4866)4657	charcoal	Davidson et al. 1993	
Beta-28455	14C	5430	130	6445(6267,6246,6200)5913	charcoal	Davidson et al. 1993	
Beta-38563	14C	5990	110	7157(6788,6770,6757)6501	charcoal	Davidson et al. 1993	
Beta-40086	14C	12120	510	15846(14098)13020	charcoal	Davidson et al. 1993	
Beta-38564	14C	12250	80	15431(14147)13842	charcoal	Davidson et al. 1993	
ETH-6955	AMS	12430	95	15519(14339)14115	charcoal	Davidson et al. 1993	
Beta-25058	14C	15270	210	18988(18223)17527	charcoal	Davidson et al. 1993	
Beta-42530	14C	880	60	558(495)412	marine shell	Border 1994	
Beta-91476	14C	830	120	952(725,724,707)548	charcoal	Border 1994	
Beta-54204	14C	2930	120	3376(3059,3049,3026,3010,3001)2764	charcoal	Border 1994	
LJ-949	14C	1000	140	796(556)324	marine shell	Hubbs et al. 1965	
LJ-951	14C	1510	170	1373(1046)686	marine shell	Hubbs et al. 1965	
LJ-952	14C	760	140	619(413)0	marine shell	Hubbs et al. 1965	
SUA-1257	14C	995	70	665(553)478	marine shell	Flood 1981	
SUA-1256	14C	650	130	509(281)0	marine shell	Flood 1981	
SUA-1255	14C	755	135	611(409)71	marine shell	Flood 1981	
NZA-2575	AMS	2784	85	3137(2851)2746	oxalate	Cole et al. 1995	
AA-9219	AMS	5680	115	6723(6439,6424,6411)6204	charcoal	Cole et al. 1995	
SUA-1878	14C	4360	100	5294(4866)4623	charcoal	Hiscock 1988a	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Double Island Point 1	Beta-34059	14C	160	90	423(264,219,141,26,2)0*	charcoal	McNiven 1990a
	OZC-068	AMS	3000	80	3361(3205,3191,3161,3146,3142,3086,3082)2888	charcoal	David et al. 1998
	OZC-069	AMS	4450	80	5310(5032,5015,4980)4835	charcoal	David et al. 1998
	ANU-1564	14C	470	290	945(509)0*	charcoal	Rosenfeld et al. 1981
	ANU-1561	14C	820	70	909(693)573	charcoal	Rosenfeld et al. 1981
	ANU-1562	14C	950	70	965(906,861,829,811,794)688	charcoal	Rosenfeld et al. 1981
	ANU-1443	14C	2850	80	3208(2945,2940,2923,2899,2893)2763	charcoal	Rosenfeld et al. 1981
	ANU-1445	14C	3340	80	3808(3553)3365	charcoal	Rosenfeld et al. 1981
	ANU-1444	14C	4060	80	4826(4519,4465,4450)4292	charcoal	Rosenfeld et al. 1981
	ANU-1563	14C	5380	90	6307(6173,6129,6119)5925	charcoal	Rosenfeld et al. 1981
	ANU-1442	14C	11850	210	15276(13827)13322	charcoal	Rosenfeld et al. 1981
	ANU-1566	14C	12600	2800	21630(15201,14635,14429)7763	charcoal	Rosenfeld et al. 1981
	ANU-1441	14C	13200	170	16440(15838)14680	charcoal	Rosenfeld et al. 1981
	ANU-1567	14C	15450	1500	21949(18430)14342	charcoal	Rosenfeld et al. 1981
	ANU-1565	14C	18200	450	22858(21595)20382	charcoal	Rosenfeld et al. 1981
Echidna's Rest	ANU-4811	14C	490	80	646(513)314	charcoal	David 1990b
	ANU-4812	14C	690	90	738(652)517	charcoal	David 1990b
	ANU-4809	14C	710	120	7954(7932,7894,7872)7793	charcoal	David 1990b
	ANU-4815	14C	730	200	8156(8144,8144,8108,8089,8038)8011	charcoal	David 1990b
	ANU-7015	14C	1150	60	1175(1052,1029,1006,996,995)929	l/s shell	David 1994
	ANU-5154	14C	1470	170	1709(1329,1319,1314)975	charcoal	David 1990b
	ANU-4810	14C	2120	150	2357(2058)1711	charcoal	David 1990b
	ANU-5155	14C	2440	150	2836(2426,2422,2360)2073	charcoal	David 1990b
	OZA-576	AMS	0	0	modern	charcoal	David & Lourandos 1997
	OZA-577	AMS	0	0	modern	charcoal	David & Lourandos 1997
	OZA-578	AMS	0	0	modern	charcoal	David & Lourandos 1997
	OZA-579	AMS	0	0	modern	charcoal	David & Lourandos 1997
	OZA-573	AMS	400	60	524(467)300	charcoal	David & Lourandos 1997
	OZA-575	AMS	440	55	538(500)314	charcoal	David & Lourandos 1997
	OZA-574	AMS	840	70	915(728)653	charcoal	David & Lourandos 1997
OZC-437	AMS	1310	460	2301(1258,1248,1239,1198,1190)462	charcoal	David et al. 1998	
Echidna Shelter	ARL-152	AMS	1160	140	1307(1055,1026,1012)739	charcoal	Flood & Horsfall 1986
	ARL-153	AMS	5400	230	6662(6194)5615	charcoal	Flood & Horsfall 1986
	ARL-154	AMS	5970	400	7608(6777,6773,6751)5913	charcoal	Flood & Horsfall 1986
	ARL-155	AMS	7280	130	8350(8106,8092,8030)7792	charcoal	Flood & Horsfall 1986
	ANU-3379	14C	2820	90	2749(2547)2315	marine shell	Beaton 1985
Eurimbula Creek 1	Wk-7680	14C	230	60	427(284,167,158)0*	charcoal	Ulm & Lilley 1999
	Wk-7689	14C	0	0	modern	charcoal	Ulm & Lilley 1999
Eurimbula Site 1	Wk-5601	14C	220	80	458(281,169,154)0*	charcoal	Ulm et al. 1999a
	Wk-8555	14C	440	60	modern	marine shell	Ulm pers. comm., 2000
Eurimbula Site 2	Wk-3946	14C	560	50	286(234)0	marine shell	Lilley et al. 1996
	Wk-8554	14C	560	55	292(234)0	marine shell	Ulm pers. comm., 2000
	Wk-5215	14C	1600	160	1863(1511,1498,1487,1431,1422)1177	charcoal	Ulm et al. 1999a

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Eurimbula Site 1	Wk-8553	14C	1790	60	1443(1306)1228	marine shell	Ulm pers. comm., 2000
	Wk-3944	14C	2390	60	2144(1991)1862	marine shell	Lilley et al. 1996
	Wk-7688	14C	2390	70	2712(2351)2164	charcoal	Ulm pers. comm., 2000
	Wk-7687	14C	2770	110	3161(2847)2624	charcoal	Ulm pers. comm., 2000
Evans Bay	Wk-3945	14C	3020	70	3362(3208,3181,3167)2953	charcoal	Lilley et al. 1996
	ANU-1367	14C	510	70	646(518)331	charcoal	Moore 1979
Fern Cave	ANU-1366	14C	610	80	672(620,608,554)503	charcoal	Moore 1979
	Beta-33921	14C	1140	110	1283(1050,1031,991)789	charcoal	David 1991a
Fig Tree Shelter	OZB-784	AMS	10200	210	12824(11913,11815,11758)11179	charcoal	David & Wilson 1999
	Beta-34566	14C	17200	100	21134(20444)19785	l/s shell	David 1991a
	Beta-34567	14C	20890	260	Beyond available calibration curves	l/s shell	David 1991a
	Beta-34568	14C	25710	490	Beyond available calibration curves	l/s shell	David 1991a
	Beta-30403	14C	26010	410	Beyond available calibration curves	l/s shell	David 1991a
	OZD-205	AMS	30300	800	Beyond available calibration curves	charcoal	David et al. 1998
	Wk-6189	14C	560	50	647(540)506	charcoal	David & Wilson 1999
	Wk-6793	14C	1440	60	1412(1306)1194	charcoal	David & Wilson 1999
	Beta-1946	14C	1150	70	824(672)562	marine shell	Kelly 1982
	Beta-1698	14C	1960	110	1767(1508)1276	marine shell	Kelly 1982
Fraser Island 217/15	Beta-1701	14C	1835	85	1541(1349)1224	marine shell	Kelly 1982
	Beta-1700	14C	1965	100	1734(1511)1289	marine shell	Kelly 1982
Fraser Island 799/54	Beta-1699	14C	1270	80	951(787)652	marine shell	Kelly 1982
	Wk-2689	14C	450	55	modern	marine shell	Mills 1992
Freshwater Bay Midden	Wk-2690	14C	2150	60	1865(1714)1564	marine shell	Mills 1992
	Wk-2691	14C	2970	80	3350(3156,3152,3138,3129,3102,3092,3079)2868	charcoal	Mills 1992
Gainsford 1	GaK-6721	14C	330	70	modern	marine shell	Belperio 1978
	GaK-6722	14C	350	80	modern	marine shell	Belperio 1978
Gainsford 2	Beta-5897	14C	1090	70	1169(965)794	charcoal	Morwood 1986a
	Beta-5898	14C	3030	90	3436(3209,3176,3172)2893	charcoal	Morwood 1986a
Gatton Shelter	Beta-15811	14C	3820	120	4521(4216,4211,4152)3834	charcoal	Morwood 1986a
	Beta-40083	14C	3750	80	4350(4087)3839	charcoal	Morwood 1986a
Giant Horse	ANU-2004	14C	1280	70	1297(1225,1212,1177)990	charcoal	Kelly 1982
	Wk-6192	14C	3700	60	4220(4058,4052,3984)3834	charcoal	David & Wilson 1999
Goat Rock	Wk-6186	14C	690	50	681(652)548	charcoal	David & Wilson 1999
	Wk-6187	14C	1050	50	1053(945,945,933)794	charcoal	David & Wilson 1999
Gorge Creek Shelter	Wk-6795	14C	2060	60	2148(1991,1956,1953)1869	charcoal	David & Wilson 1999
	Beta-3776	14C	720	50	694(659)555	charcoal	Flood & Horsfall 1986
Grass Tree Shelter	Beta-3777	14C	1570	60	1552(1413)1308	charcoal	Flood & Horsfall 1986
	ARL-148	14C	2450	230	2996(2430,2416,2397,2391,2361)1899	charcoal	Flood & Horsfall 1986
Green Ant Shelter	ARL-149	14C	4350	190	5466(4863)4415	charcoal	Flood & Horsfall 1986
	Beta-3778	14C	6340	70	7420(7251)7025	charcoal	Flood & Horsfall 1986
SUA-1851	ARL-1851	14C	6340	100	7428(7251)6953	charcoal	Flood & Horsfall 1986
	ARL-150	14C	7000	250	8332(7789,7766,7762)7422	charcoal	Flood & Horsfall 1986
ARL-224	14C	7550	250	9000(8353)7840	charcoal	Flood & Horsfall 1986	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Green Ant Shelter	ARL-151	14C	8660	340	10547(9551)8777	charcoal	Flood & Horsfall 1986
Grinding Groove Cave	Wk-8320	14C	460	90	633(607)300	charcoal	Eales pers. comm., 2000
	NZA-7991	AMS	2686	69	2919(2762)2623	charcoal	Westcott et al. 1999a
Gumu	Wk-8321	14C	2930	80	3324(3059,3049,3026,3010,3001)2847	charcoal	Eales pers. comm., 2000
	Wk-8322	14C	3050	160	3629(3240,3227,3212)2781	charcoal	Eales pers. comm., 2000
Gyanda 5	Wk-8323	14C	3480	200	4252(3693)3267	charcoal	Eales pers. comm., 2000
	Beta-21384	14C	0	0	modern	charcoal	Ghaleb 1990
Gunamula	Beta-21385	14C	600	70	666(617,612,551)506	charcoal	Ghaleb 1990
	Beta-21386	14C	1050	100	1172(945,933)730	charcoal	Ghaleb 1990
Hill Inlet 1	Beta-12849	14C	580	50	297(247)0	marine shell	Robins pers. comm., 2000
	Beta-12850	14C	1740	70	1403(1277)1156	marine shell	Robins pers. comm., 2000
Hope Island	SUA-2362	14C	300	60	481(307)3	charcoal	Morwood & Godwin 1987
	SUA-2359	14C	610	50	657(620,608,554)516	f/w shell	Morwood & Godwin 1987
Ironbark Site Complex	SUA-2360	14C	1050	50	1053(945,945,933)794	f/w shell	Morwood & Godwin 1987
	SUA-2361	14C	880	50	916(756,753,740)672	f/w shell	Morwood & Godwin 1987
Jiyer Cave	Beta-16685	14C	1520	80	1543(1386,1378,1372,1362,1353)1277	f/w shell	Morwood & Godwin 1987
	Wk-5865	14C	570	60	652(543)503	charcoal	David & Wilson 1999
Initiation Cave	Wk-5864	14C	710	40	682(655)558	charcoal	David & Wilson 1999
	Wk-6053	14C	350	55	507(427,387,322)164	charcoal	David & Wilson 1999
Hill Inlet 1	Wk-1716	14C	2360	70	2708(2347)2155	charcoal	David & Dagg 1993
	NZA-1383	AMS	3494	84	3968(3716,3710,3700)3479	charcoal	David & Dagg 1993
Hope Island	Beta-54024	14C	4100	120	4860(4567,4560,4530)4239	charcoal	David & Dagg 1993
	Wk-1719	14C	21500	250	Beyond available calibration curves	l/s shell	David & Dagg 1993
Hill Inlet 1	GX-3944	14C	850	125	968(731)551	charcoal	Brayshaw 1977
	GX-3943	14C	1455	140	1686(1310)1058	charcoal	Brayshaw 1977
Ironbark Site Complex	Beta-34060	14C	2720	120	3155(2778)2471	charcoal	Barker 1995
	Beta-20800	14C	1500	80	1533(1349)1264	charcoal	Walters et al. 1987
Initiation Cave	Beta-20797	14C	2600	70	2837(2742)2363	charcoal	Walters et al. 1987
	Beta-20798	14C	3720	70	4240(4076,4032,3990)3834	charcoal	Walters et al. 1987
Hill Inlet 1	Beta-20799	14C	4350	220	5579(4863)4298	charcoal	Walters et al. 1987
	Wk-6026	14C	2410	50	2709(2354)2333	charcoal	David et al. 1998
Ironbark Site Complex	Beta-45772	14C	4110	70	4830(4568,4558,4547,4538,4533)4415	charcoal	David 1992c
	Wk-6029	14C	5290	60	6255(5992)5913	charcoal	David et al. 1998
Ironbark Site Complex	Wk-8557	14C	200	140	511(276,173,149,9,4)0*	charcoal	Ulm in prep.
	Wk-8558	14C	590	60	316(253)0	marine shell	Ulm in prep.
Ironbark Site Complex	Wk-6359	14C	650	60	672(645,584,564)525	charcoal	Reid 1998
	Wk-8556	14C	910	55	606(608)441	marine shell	Ulm pers. comm., 2000
Ironbark Site Complex	Wk-6360	14C	1400	60	1388(1291)1176	charcoal	Reid 1998
	Wk-6361	14C	1640	150	1871(1524)1264	charcoal	Reid 1998
Ironbark Site Complex	Beta-5800	14C	100	60	281(0*)0*	charcoal	Horsfall 1983
	Beta-2471	14C	200	80	430(276,173,149,9,4)0*	charcoal	Campbell 1982b
Ironbark Site Complex	Beta-13173	14C	260	50	430(293)2	charcoal	Horsfall 1987
	Beta-13175	14C	390	50	514(462)304	charcoal	Horsfall 1987

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Jiyer Cave	SUA-2243	14C	900	50	925(786,780,765)681	charcoal	Horsfall 1987
	Beta-5801	14C	2160	60	2327(2120)1950	charcoal	Horsfall 1983
	SUA-2244	14C	2650	160	3157(2751)2341	charcoal	Horsfall 1987
	SUA-2241	14C	3660	80	4219(3963,3947,3928)3703	charcoal	Horsfall 1987
	SUA-2242	14C	3860	60	4418(4239)4014	charcoal	Horsfall 1987
	Beta-9136	14C	4320	90	5212(4849)4574	charcoal	Horsfall 1987
	SUA-2240	14C	5110	100	6167(5890,5788,5771)5605	charcoal	Horsfall 1987
	Beta-13174	14C	5130	140	6197(5904)5590	charcoal	Horsfall 1987
	GX-3667/8	14C	1450	110	1537(1309)1103	charcoal	Brayshaw 1975
	Beta-19424	14C	70	70	modern	marine shell	McNiven 1990a
Kaponyee Springs I	W-999	TL	11700	1300	NA	sediment	Robins 1993
	Beta-33931	14C	400	110	623(467)3	charcoal	Robins 1993
Kaponyee Springs II	Beta-35210	14C	430	70	544(496)304	charcoal	Robins 1993
	GX-3666	14C	685	105	786(651,575,575)509	charcoal	Brayshaw 1975
Kennedy A	OZA-828U	AMS	0	0	modern	oxalate	Cole 2000
	AA-9221	AMS	1210	245	1559(1166,1164,1069)658	oxalate	Cole et al. 1995
Kenniff Cave	GaK-522	14C	1600	100	1707(1511,1498,1487,1431,1422)1291	charcoal	Kigoshi & Kobayashi 1966
	NPL-32	14C	2550	90	2782(2713)2349	charcoal	Mulvaney 1962
	NPL-65	14C	3830	90	4436(4223,4203,4176,4171,4154)3926	charcoal	Callow et al. 1965
	GaK-523	14C	4130	90	4847(4777,4772,4607,4601,4572,4554,4553)4411	charcoal	Kigoshi & Kobayashi 1966
	GaK-525	14C	4650	100	5591(5318)4981	charcoal	Kigoshi & Kobayashi 1966
	NPL-66	14C	5020	90	5926(5726)5589	charcoal	Callow et al. 1965
	GaK-524	14C	5370	140	6407(6172,6133,6116)5754	charcoal	Kigoshi & Kobayashi 1966
	GaK-527	14C	9300	200	11161(10485,10441,10429)9919	charcoal	Kigoshi & Kobayashi 1966
	GaK-645	14C	9650	100	11204(11090,10934,10932,10919,10911)10601	charcoal	Kigoshi & Kobayashi 1966
	GaK-646	14C	10280	180	12840(12069,12036,11957)11234	charcoal	Kigoshi & Kobayashi 1966
	ANU-348	14C	11090	235	13774(13117,13098,13023)12635	charcoal	Mulvaney 1971
	ANU-342	14C	12140	150	15404(14104)13658	charcoal	Mulvaney 1971
	NPL-67	14C	12610	110	15648(15214,14624,14437)14171	charcoal	Callow et al. 1965
	NPL-33	14C	12900	170	16084(15509)14350	charcoal	Mulvaney 1962
	GaK-526	14C	13200	300	16672(15838)14398	charcoal	Kigoshi & Kobayashi 1966
	ANU-347	14C	14140	225	17650(16923)16242	charcoal	Mulvaney 1971
ANU-346	14C	14150	255	17714(16934)16201	charcoal	Mulvaney 1971	
ANU-343	14C	14980	235	18677(17890)17166	charcoal	Mulvaney 1971	
ANU-344	14C	15900	260	19811(18948)18146	charcoal	Mulvaney 1971	
NPL-68	14C	16130	140	19916(19213)18565	charcoal	Callow et al. 1965	
ANU-345	14C	18800	480	23638(22285)21007	charcoal	Callow et al. 1963	
Ken's Cave	ANU-2118	14C	530	80	652(527)331	charcoal	Morwood 1979
	ANU-1852	14C	1380	70	1388(1288)1151	charcoal	Morwood 1978
King's Bore Site 97	ANU-2090	14C	2000	80	2122(1924,1908,1902)1717	charcoal	Morwood 1979
	Beta-30402	14C	2290	80	2433(2328)2066	charcoal	McNiven 1990a
	Beta-25510	14C	3560	100	4090(3830,3785,3782)3570	charcoal	McNiven 1990a
	OZB-781	AMS	1630	80	1695(1521)1313	charcoal	David et al. 1998

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 1: Basic Determination Data

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Kookaburra Rock	OZB-780	AMS	2960	80	3342(3136,3131,3096,3093,3077)/2860	charcoal	David et al. 1998
	I-1737	14C	235	110	506(285,166,161)0*	charcoal	Wright 1971
Kwamter Mound	ANU-8021	14C	630	40	316(272)149	marine shell	Stone 1992
	ANU-8022	14C	670	70	451(291)136	marine shell	Stone 1992
SUA-147	14C	710	100	788(655)517	charcoal	Gillespie & Temple 1976	
	I-1738	14C	810	105	885(689)573	charcoal	Wright 1971
ANU-8027	14C	830	80	551(463)291	marine shell	Stone 1992	
SUA-148	14C	855	80	1063(930)737	charcoal	Gillespie & Temple 1976	
ANU-8030	14C	890	70	614(500)402	marine shell	Stone 1992	
ANU-8028	14C	900	80	630(504)384	marine shell	Stone 1992	
ANU-8029	14C	910	90	645(508)340	marine shell	Stone 1992	
ANU-8026	14C	930	80	645(518)420	marine shell	Stone 1992	
ANU-8024	14C	980	40	631(545)503	marine shell	Stone 1992	
ANU-8025	14C	990	70	663(550)474	marine shell	Stone 1992	
ANU-8023	14C	1030	40	654(613)527	marine shell	Stone 1992	
SUA-149	14C	1180	80	1267(1059)928	charcoal	Bailey 1977	
Kyeenee I	Beta-61793	14C	660	50	674(647,582,567)530	charcoal	Robins 1993
	Beta-61792	14C	770	50	738(671)569	charcoal	Robins pers. comm., 2000
Beta-61794	14C	890	50	921(760,747,744)674	charcoal	Robins 1993	
Beta-11592	14C	1280	70	1297(1225,1212,1177)990	charcoal	Robins 1993	
Beta-11591	14C	1580	60	1561(1415)1310	charcoal	Robins 1993	
Beta-128767	14C	2500	60	2305(2131)1984	marine shell	Alfredson & Kombumerri 1999	
Beta-33933	14C	1090	70	1169(965)794	charcoal	Robins 1993	
Beta-34206	14C	1150	80	1259(1052,1029,1006,996,995)918	charcoal	Robins 1993	
Beta-7640	14C	1740	50	1729(1686,1677,1611)1523	charcoal	Robins 1993	
SUA-1658	14C	1690	90	1395(1246)1046	marine shell	Campbell 1982b	
SUA-1657	14C	2140	90	1917(1705)1507	marine shell	Kelly 1982	
Little Sandhills	14C	0	0	modern	marine shell	Kelly 1982	
Long Beach	14C	0	0	modern	charcoal	Kelly 1982	
Beta-26902	14C	2280	190	2753(2325,2319,2314,2216,2212)1822	charcoal	Barham et al. in prep.	
OZB-801	AMS	1600	45	1553(1511,1498,1487,1431,1422)1350	charcoal	David & Lourandos 1997	
Wk-3993	14C	1660	60	1693(1531)1392	charcoal	David & Lourandos 1997	
Wk-3994	14C	1880	100	1999(1818)1539	charcoal	David & Lourandos 1997	
SUA-2291	14C	1420	70	1412(1295)1177	f/w shell	Hiscock 1988a	
SUA-2289	14C	8810	130	10216(9887,9880,9865,9849,9820,9809,9780)9529	f/w shell	Hiscock 1988a	
SUA-2290	14C	14210	230	17742(17003)16312	f/w shell	Hiscock 1988a	
SUA-2288	14C	18600	+900/-800	[24149](22055)20002	f/w shell	Hiscock 1988a	
SUA-2877	14C	1060	80	1167(948,938,934)763	charcoal	Morwood & Jung 1995	
SUA-2878	14C	6200	160	7426(7155,7127,7087,7078,7025)6667	charcoal	Morwood & Jung 1995	
SUA-2876	14C	10250	90	12718(11944,11792,11778)11363	charcoal	Morwood & Jung 1995	
SUA-1915	14C	1210	100	1294(1166,1164,1069)926	charcoal	Morwood 1986a	
Beta-6924	14C	4300	70	5030(4840)4622	charcoal	Morwood 1986a	
SUA-2503	14C	1340	40	945(894)778	marine shell	Border 1994	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Maroochy River 2	Beta-27085	14C	610	70	404(263)0	marine shell	McNiven 1989
Maroochy River 4	Beta-27087	14C	170	60	modern	marine shell	McNiven 1989
	Beta-27086	14C	840	60	536(470)324	marine shell	McNiven 1989
Mazie Bay	ANU-2488	14C	670	50	420(291)241	marine shell	Rowland 1983
	ANU-2489	14C	1520	50	1171(1052)941	marine shell	Rowland 1983
	SUA-2181	14C	3130	70	3077(2875)2743	marine shell	Rowland 1985a
	Beta-1243	14C	3450	70	3461(3324)3144	marine shell	Rowland 1983
	SUA-2184	14C	3600	70	3639(3464)3331	marine shell	Rowland 1985a
	SUA-2182	14C	3800	70	3900(3707)3550	marine shell	Rowland 1985a
	Beta-1245	14C	4030	90	4284(4044)3806	marine shell	Rowland 1983
	SUA-2183	14C	4140	70	4393(4173)3975	marine shell	Rowland 1985a
	ANU-2393	14C	4160	100	4487(4219)3921	marine shell	Rowland 1983
	Beta-1244	14C	4190	80	4445(4247)4019	marine shell	Rowland 1983
	Beta-1246	14C	4190	80	4445(4247)4019	marine shell	Rowland 1983
	NZA-456	AMS	4274	94	5040(4832)4528	charcoal	Rowland 1992
Mickey Springs 31	Beta-29290	14C	5100	70	5986(5888,5808,5763)5655	charcoal	Morwood 1990a
Mickey Springs 33	Beta-23751	14C	7530	160	8596(8345)7975	charcoal	Morwood 1990a
Mickey Springs 34	Beta-7454	14C	170	60	304(267,217,143,21,3)0*	charcoal	Morwood 1990a
	Beta-11734	14C	3360	60	3695(3625,3623,3570)3410	charcoal	Morwood 1990a
	SUA-2252	14C	8080	100	9272(9007)8603	charcoal	Morwood 1990a
	Beta-4225	14C	8310	80	9488(9396,9389,9367,9362,9281)9028	charcoal	Morwood & Godwin 1982
	Beta-7453	14C	9070	80	10398(10215)9919	charcoal	Morwood 1990a
	SUA-2248	14C	9920	250	12350(11233)10582	charcoal	Morwood 1990a
Midden in Ridge 4	ANU-2329	14C	850	100	625(476)281	marine shell	Morwood 1990a
Midden in Ridge 5	ANU-2461	14C	1190	90	913(709)563	marine shell	David & Lourandos 1997
	Beta-1756	14C	1390	70	1059(923)766	marine shell	David & Lourandos 1997
Middle Island Sandblow Site	Wk-7679	14C	980	50	641(545)493	marine shell	Ulm & Lilley 1999
Minner Dint	I-11095	14C	520	75	649(523)331	charcoal	Hall 1980b
Mitchell River Cave	Wk-1717	14C	930	70	952(876,874,816,815,791)674	charcoal	David 1991b
	Wk-1718	14C	1140	100	1267(1050,1031,991)793	charcoal	David 1991b
	Beta-54129	14C	2440	120	2761(2426,2422,2360)2151	charcoal	David & Lourandos 1997
	NZA-1556	AMS	15910	200	19731(18960)18249	charcoal	David 1991b
Monkey Beach	Beta-4228	14C	330	70	modern	marine shell	Rowland 1982b
Monkey Point	Beta-4229	14C	220	70	modern	marine shell	Rowland 1982b
Moon Point	Beta-2609	14C	1470	80	1177(986)864	marine shell	Kelly 1982
Mordor Cave	Beta-46318	14C	800	50	787(686)653	charcoal	David 1992c
	Beta-46317	14C	940	60	949(884,867,826,813,793)692	charcoal	David 1992c
	Beta-46090	14C	1580	70	1606(1415)1305	charcoal	David 1992c
Mort Creek Site Complex	Wk-7458	14C	1970	80	2109(1884)1708	charcoal	Ulm in prep.
	Wk-6987	14C	2260	50	1963(1855)1721	marine shell	Ulm in prep.
	Wk-7836	14C	2320	50	2037(1916)1811	marine shell	Ulm in prep.
	Wk-3942	14C	2440	80	2295(2061)1869	marine shell	Lilley et al. 1996
	Wk-3943	14C	2570	60	2342(2271)2077	marine shell	Lilley et al. 1996

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Mort Creek Site Complex	Wk-3941	14C	2680	60	2498(2336)2207	marine shell	Lilley et al. 1996
	Wk-3938	14C	2720	60	2651(2354)2293	marine shell	Lilley et al. 1996
	Wk-5602	14C	2880	50	2740(2689)2467	marine shell	Carter 1997
	Wk-3937	14C	2930	60	2782(2713)2514	marine shell	Lilley et al. 1996
	Wk-3940	14C	3260	70	3261(3066)2863	marine shell	Lilley et al. 1996
	Wk-6988	14C	3380	90	3435(3236)2966	marine shell	Ulm pers. comm., 2000
Mother Mound on Ridge 3	Wk-6986	14C	3430	140	3620(3310)2913	marine shell	Ulm & Lilley 1999
	Beta-1757	14C	1875	75	1563(1398)1266	marine shell	David & Lourandos 1997
	GX-3670	14C	1130	130	1290(1047, 1034, 987)736	charcoal	Brayshaw 1975
Mt Roundback	GX-3669	14C	1650	120	1820(1527)1293	charcoal	Brayshaw 1975
	SUA-2286	14C	0	0	modern	charcoal	Horsfall 1987
Mulgrave River 1	SUA-2285	14C	240	60	430(287, 165, 165)0	charcoal	Horsfall 1987
	SUA-2281	14C	140	60	293(255, 225, 137, 105, 74, 33, 1)0*	charcoal	Horsfall 1987
	Beta-9137	14C	780	50	758(673)572	charcoal	Horsfall 1987
Mulgrave River 2	SUA-2282	14C	1440	50	1408(1306)1263	charcoal	Horsfall 1987
	SUA-2283	14C	1770	70	1858(1691, 1668, 1661, 1651, 1629)1520	charcoal	Horsfall 1987
	SUA-2284	14C	2690	100	2961(2765)2474	charcoal	Horsfall 1987
Mungana Site Rock Art	OZB-758	AMS	1200	440	1998(1064)312	charcoal	Armitage et al. 1998
	OZB-783	AMS	3350	350	4517(3566)2751	charcoal	Armitage et al. 1998
Murderers Bore Rockshelter	Beta-11593	14C	450	70	615(504)309	charcoal	Robins 1993
	Beta-47631	14C	1100	70	1170(967)797	charcoal	Monwood et al. 1995b
	Beta-48518	14C	2350	100	2714(2345)2118	charcoal	Monwood et al. 1995b
Mushroom Rock East	W-1344	TL	6800	1000	NA	sediment	Monwood et al. 1995b
	W-1345	TL	15100	2300	NA	sediment	Monwood et al. 1995b
Mushroom Rock West	I-1736	14C	1830	110	1990(1713)1425	charcoal	Wright 1971
	Beta-50725	14C	4010	90	4812(4434, 4433, 4422)4154	charcoal	Monwood et al. 1995b
	I-1735	14C	6870	150	7960(7673)7431	charcoal	Wright 1971
Naghi Beach	W-1425	TL	8600	1900	NA	sediment	Monwood et al. 1995b
	W-1426	TL	9500	1900	NA	sediment	Monwood et al. 1995b
	W-1346	TL	20700	3100	NA	sediment	Monwood et al. 1995b
Nara Inlet 1	W-1347	TL	26700	4000	NA	sediment	Monwood et al. 1995b
	W-1348	TL	28700	3500	NA	sediment	Monwood et al. 1995b
	ANU-3026	14C	730	80	762(662)542	charcoal	Kelly 1982
Nara Inlet Site	Beta-31741	14C	550	70	652(536)470	charcoal	Barker 1989
	Beta-28188	14C	2090	50	2149(2035, 2033, 2001)1898	charcoal	Barker 1989
	Beta-31742	14C	3990	60	4570(4418)4242	charcoal	Barker 1989
Native Well 1	Beta-27835	14C	8150	80	9398(9027)8780	charcoal	Barker 1989
	Beta-45186	14C	2410	80	2736(2354)2164	charcoal	Brian 1994
	ANU-2002	14C	1270	70	1294(1175)975	charcoal	Monwood 1979
Native Well 1	ANU-2176	14C	4230	90	4966(4826)4448	charcoal	Monwood 1979
	ANU-2003	14C	4320	90	5212(4849)4574	charcoal	Monwood 1979
	ANU-2001	14C	6190	100	7286(7149, 7129, 7085, 7082, 7016)6756	charcoal	Monwood 1979
ANU-2034	14C	10910	140	13166(12929)12632	charcoal	Monwood 1979	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Native Well 2	ANU-2117	14C	2170	80	2342(2145,2141,2123)1904	charcoal	Morwood 1979
	ANU-2091	14C	2470	80	2749(2485,2483,2468)2335	charcoal	Morwood 1979
	ANU-2035	14C	10770	135	13123(12871)12346	charcoal	Morwood 1979
NE Moreton Island 1	Beta-24473	14C	430	60	modern	marine shell	Lilley & Hall 1988
	Beta-24470	14C	380	60	modern	marine shell	Lilley & Hall 1988
NE Moreton Island 16	Beta-24471	14C	400	60	modern	marine shell	Lilley & Hall 1988
	Beta-24472	14C	320	50	modern	marine shell	Lilley & Hall 1988
NE Moreton Island 27	Beta-24474	14C	440	60	modern	marine shell	Lilley & Hall 1988
	SUA-2179	14C	1120	60	1170(973)923	charcoal	Hall & Lilley 1987
New Brisbane Airport	Beta-23345	14C	3910	80	4525(4349,4329,4297)4088	charcoal	Hall & Lilley 1987
	Beta-33342	14C	4830	110	5837(5586,5494,5494)5309	charcoal	Ulm & Hall 1996
Ngarabulgan Cave	Wk-5792	14C	380	50	512(457,349,338)300	charcoal	David & Wilson 1999
	Wk-5780	14C	670	50	672(649,579,570)542	charcoal	David & Wilson 1999
	Wk-5789	14C	870	60	921(736)666	charcoal	David & Wilson 1999
	Wk-5783	14C	890	50	921(760,747,744)674	charcoal	David & Wilson 1999
	Wk-5794	14C	890	50	921(760,747,744)674	charcoal	David & Wilson 1999
	OZB-086	AMS	930	55	932(876,874,816,815,791)692	charcoal	David et al. 1997
	Wk-5787	14C	970	50	953(912,807,801)735	charcoal	David & Wilson 1999
	Wk-5786	14C	1010	50	971(926)774	charcoal	David & Wilson 1999
	Wk-5784	14C	1080	50	1060(955)803	charcoal	David & Wilson 1999
	Wk-5790	14C	1230	60	1277(1169,1158,1144)969	charcoal	David & Wilson 1999
	Wk-5785	14C	1280	50	1289(1225,1212,1177)1059	charcoal	David & Wilson 1999
	Wk-5788	14C	1360	50	1328(1280)1173	charcoal	David & Wilson 1999
	Wk-5781	14C	1430	50	1406(1302)1261	charcoal	David & Wilson 1999
	OZB-085	AMS	1550	60	1538(1409)1299	charcoal	David et al. 1997
	Wk-5793	14C	2030	140	2336(1966,1963,1949)1613	charcoal	David & Wilson 1999
	Wk-5791	14C	2440	60	2730(2426,2422,2360)2337	charcoal	David & Wilson 1999
	Wk-5782	14C	2740	70	2954(2782)2742	charcoal	David & Wilson 1999
	OZB-090	AMS	3990	70	4778(4418)4163	charcoal	David et al. 1997
	Beta-47515	14C	5410	60	6295(6196)5992	charcoal	David 1993
	OZB-057	AMS	28800	1100	Beyond available calibration curves	charcoal	David et al. 1997
Beta-47113	14C	30000	600	Beyond available calibration curves	charcoal	David 1992a	
OZB-584	AMS	30700	250	Beyond available calibration curves	charcoal	David et al. 1997	
ANUA-9312	AMS	30960	+550/-520	Beyond available calibration curves	charcoal	Bird et al. 1999	
OZB-311	AMS	31100	400	Beyond available calibration curves	charcoal	David et al. 1997	
OZB-671	AMS	31300	1900	Beyond available calibration curves	charcoal	David et al. 1997	
ANUA-9307	AMS	31510	+490/-460	Beyond available calibration curves	charcoal	Bird et al. 1999	
OZB-088	AMS	31800	1650	Beyond available calibration curves	charcoal	David et al. 1997	
OZB-585	AMS	32200	500	Beyond available calibration curves	charcoal	David et al. 1997	
OZB-082	AMS	32300	500	Beyond available calibration curves	charcoal	David et al. 1997	
OZB-310	AMS	32400	400	Beyond available calibration curves	charcoal	David et al. 1997	
ANUA-9309	AMS	32540	+630/-590	Beyond available calibration curves	charcoal	Bird et al. 1999	
OZB-059	AMS	32700	450	Beyond available calibration curves	charcoal	David et al. 1997	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Ngarrabulgan Cave	OZB-583	AMS	32900	550	Beyond available calibration curves	charcoal	David et al. 1997
	OZB-087	AMS	33000	450	Beyond available calibration curves	charcoal	David et al. 1997
	OZB-179	AMS	33000	450	Beyond available calibration curves	charcoal	David et al. 1997
	OZB-309	AMS	33100	550	Beyond available calibration curves	charcoal	David et al. 1997
	OZB-520	AMS	33100	2100	Beyond available calibration curves	charcoal	David et al. 1997
	ANUA-8805	AMS	33170	+570/-530	Beyond available calibration curves	charcoal	Bird et al. 1999
	OZB-089	AMS	33200	450	Beyond available calibration curves	charcoal	David et al. 1997
	ANUA-9314	AMS	33320	+480/-450	Beyond available calibration curves	charcoal	Bird et al. 1999
	OZB-519	AMS	33400	3750	Beyond available calibration curves	charcoal	David et al. 1997
	ANUA-9315	AMS	33420	+490/-460	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-9313	AMS	33470	+580/-540	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-9308	AMS	33630	+480/-450	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUod122a-M	OSL	34100	3100	NA	sediment	David et al. 1997
	OZB-313	AMS	34200	300	Beyond available calibration curves	charcoal	David et al. 1997
	ANUA-8804	AMS	34230	+600/-560	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-9310	AMS	34350	+720/-660	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-9316	AMS	34580	+580/-540	Beyond available calibration curves	charcoal	Bird et al. 1999
	OZB-312	AMS	34600	350	Beyond available calibration curves	charcoal	David et al. 1997
	ANUod122a-S	OSL	34900	2100	NA	sediment	David et al. 1997
	ANUA-8803	AMS	35200	+630/-580	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-8807	AMS	35200	+720/-660	Beyond available calibration curves	charcoal	Bird et al. 1999
	ANUA-8806	AMS	35460	+750/-690	Beyond available calibration curves	charcoal	Bird et al. 1999
	OZC-733	AMS	35500	600	Beyond available calibration curves	charcoal	Bird et al. 1999
	Beta-47849	14C	36100	800	Beyond available calibration curves	charcoal	David 1993
	Beta-45906	14C	>37170	NA	Beyond available calibration curves	charcoal	David 1992a
Wk-6190	14C	650	50	668(645,584,564)535	charcoal	David & Wilson 1999	
Wk-6792	14C	7980	80	See Notes	charcoal	David & Wilson 1999	
ANU-3336	14C	470	60	253(54,19)0	marine shell	Richardson 1984	
ANU-3337	14C	450	60	modern	marine shell	Richardson 1984	
ANU-3338	14C	410	50	modern	marine shell	Richardson 1984	
Beta-28748	14C	760	75	509(413)263	marine shell	Robins et al. 1998	
Beta-3073	14C	1620	60	1687(1518)1348	charcoal	Hall 1982	
Wk-6183	14C	780	80	885(673)556	charcoal	David & Wilson 1999	
Wk-6184	14C	950	50	946(906,861,829,811,794)730	charcoal	David & Wilson 1999	
Wk-6990	14C	630	70	420(272)80	marine shell	Ulm pers. comm., 2000	
Wk-7837	14C	670	50	420(291)241	marine shell	Ulm pers. comm., 2000	
Wk-6993	14C	700	140	915(654)476	charcoal	Ulm & Lilley 1999	
Wk-6991	14C	740	60	485(386)267	marine shell	Ulm pers. comm., 2000	
Wk-6992	14C	800	80	535(442)276	marine shell	Ulm in prep.	
Wk-6989	14C	870	130	662(490)263	marine shell	Ulm pers. comm., 2000	
ANU-2459	14C	420	100	modern	marine shell	David & Lourandos 1997	
ANU-2457	14C	500	90	297(104)0	marine shell	David & Lourandos 1997	
Beta-2462	14C	770	90	530(420)253	marine shell	David & Lourandos 1997	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
PCB 141	Beta-1735	14C	1050	70	712(624)507	marine shell	David & Lourandos 1997
	Beta-1752	14C	1725	80	1406(1268)1111	marine shell	David & Lourandos 1997
	Beta-13229	14C	830	60	907(725,724,707)655	charcoal	Mardaga-Campbell 1986
	Beta-13231	14C	1290	60	1294(1229,1206,1181)1056	charcoal	Mardaga-Campbell 1986
Platform Gallery Rockshelter	Beta-13230	14C	1940	80	2040(1870)1631	charcoal	Mardaga-Campbell 1986
	ANU-14	14C	6120	150	7315(6946)6572	charcoal	Polach et al. 1967
	Beta-3076	14C	560	60	651(540)499	charcoal	Hall 1980a
	I-11094	14C	2420	90	2743(2356)2161	charcoal	Hall 1980a
Platypus Rockshelter	Beta-3075	14C	2480	70	2747(2704,2671,2487,2479,2471)2344	charcoal	Hall 1980a
	SUA-1502	14C	3850	170	4812(4235,4196,4183,4164,4163)3722	charcoal	Hall 1980a
	Beta-3074	14C	4540	80	5451(5282,5161,5138,5103,5074)4870	charcoal	Hall & Hiscock 1988
	V-22	14C	765	55	756(670)565	charcoal	Birmingham 1966
Polka Point	Beta-28487	14C	1560	80	1267(1101)927	marine shell	Neal 1989
	Beta-28488	14C	1750	90	1868(1688,1673,1613)1413	charcoal	Neal 1989
	Beta-24540	14C	3020	100	3439(3208,3181,3167)2872	charcoal	Neal 1989
	Wk-6188	14C	1150	50	1172(1052,1029,1006,996,995)932	charcoal	David & Wilson 1999
Quinine Bush Shelter	Wk-6799	14C	4930	50	5734(5634,5611)5493	charcoal	David & Wilson 1999
	OZA-409	AMS	800	540	1818(686)0*	organics	Cole 1998
Quinkan B6 Rockshelter Rock Art	OZA-821U	AMS	1080	NA	969(955)933	oxalate	Cole 1998
	AA-9222	AMS	2850	115	3321(2945,2940,2923,2899,2893)2747	oxalate	Cole et al. 1995
Quippenburra Cave	Beta-23752	14C	1370	50	1333(1286)1174	charcoal	Morwood 1990a
	Beta-17848	14C	3280	100	3694(3469)3266	charcoal	Morwood 1990a
Racecourse Site Rock Art	NZA-2738	AMS	2056	81	2298(1990,1957,1952)1820	charcoal	David 1992b
	ANU-1521	14C	3600	100	4149(3867)3595	charcoal	Beaton 1977
Rainbow Cave	ANU-2119	14C	2750	80	2997(2839,2830,2785)2740	charcoal	Morwood 1984
Rainbow Cave 2	Beta-4233	14C	950	80	653(529)433	marine shell	Rowland 1982b
	Beta-4234	14C	1020	70	684(602)494	marine shell	Rowland 1982b
Red Beach	Beta-33930	14C	2320	60	2428(2336)2151	charcoal	Morwood 1995b
	SUA-2891	14C	7530	110	8536(8345)8039	charcoal	Morwood 1995b
Red Bluff 1	Beta-60541	14C	4090	80	4830(4565,4562,4528)4304	charcoal	Morwood & L'Oste-Brown 1995
	Beta-50726	14C	6320	70	7416(7248)7010	charcoal	Morwood & L'Oste-Brown 1995
Red Island Point	Beta-40084	14C	8310	120	9530(9396,9389,9367,9362,9281)9006	charcoal	Morwood & L'Oste-Brown 1995
	ANU-1365	14C	1120	430	1605(973)522	charcoal	Moore 1979
Red Lady Rock Art	OZA-411	AMS	7230	750	9681(8007,7990,7978)6489	silica	Cole 1998
	Wk-4883	14C	1040	60	1056(931)789	charcoal	Lilley et al. 1998
Road Cave 1	Wk-4884	14C	1180	70	1261(1059)931	charcoal	Lilley et al. 1998
	Wk-4882	14C	1220	50	1262(1167,1161,1122,1110,1087)972	charcoal	Lilley et al. 1998
Roof Fall Cave	Wk-4637	14C	2860	60	3159(2948)2783	charcoal	Lilley et al. 1998
	Wk-5596	14C	0	0	modern	charcoal	Eales 1998
Roof Fall Cave	Wk-5597	14C	610	80	672(620,608,554)503	charcoal	Eales 1998
	Wk-5598	14C	710	90	762(655)526	charcoal	Eales 1998
Roof Fall Cave	Wk-8318	14C	960	80	1045(909,855,833,809,797)685	charcoal	Eales pers. comm., 2000
	Wk-5599	14C	3770	150	4525(4138,4130,4091)3691	charcoal	Eales 1998

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Roof Fall Cave	Wk-8319	14C	5570	120	6624(6307)5999	charcoal	Eales pers. comm., 2000
	Wk-8559	14C	6240	140	7426(7176,7173,7159,7111,7096)6735	charcoal	Eales pers. comm., 2000
	Wk-5600	14C	7010	110	8010(7790)7592	charcoal	Eales 1998
	Wk-6218	14C	7690	210	9013(8414)8027	charcoal	Eales 1998
	Wk-7690	14C	13710	260	17199(16428)15690	charcoal	Eales pers. comm., 2000
	Wk-5216	14C	15720	380	19814(18741)17728	charcoal	Lilley et al. 1998
	Beta-13481	14C	380	80	533(457,349,338)154	charcoal	Barham 1999
	Wk-3424	14C	250	50	427(290)1	charcoal	Hall 1995
	Wk-3423	14C	930	60	946(876,874,816,815,791)688	charcoal	Hall 1995
	Beta-15808	14C	0	0	imodern	charcoal	Nolan 1986
Saibai Village Store	Beta-15806/A	14C	320	50	481(312)154	charcoal	Nolan 1986
	Beta-15806/B	14C	340	70	501(422,398,318)164	charcoal	Nolan 1986
	Beta-18885	14C	430	70	544(496)304	charcoal	Hall pers. comm., 2000
	SUA-2358	14C	500	50	618(515)465	charcoal	Walters 1986
	SUA-478	14C	620	95	690(622,605,556)496	charcoal	Gillespie & Temple 1979
	SUA-2357	14C	740	50	729(665)561	charcoal	Walters 1986
	Beta-15809	14C	740	80	786(665)545	charcoal	Nolan 1986
	SUA-479	14C	780	95	912(673)548	charcoal	Gillespie & Temple 1979
	Beta-16837	14C	810	80	912(689)564	charcoal	Nolan 1986
	Beta-15805	14C	1190	100	1290(1062)919	charcoal	Nolan 1986
Sandy Creek 1	Beta-15807	14C	1500	110	1606(1349)1177	charcoal	Nolan 1986
	Beta-16838	14C	1600	80	1690(1511,1498,1487,1431,1422)1305	charcoal	Nolan 1986
	Beta-15810/A	14C	1990	60	2044(1921,1910,1899)1743	charcoal	Nolan 1986
	Beta-15810/B	14C	2290	100	2707(2328)2002	charcoal	Nolan 1986
	Beta-33934	14C	1230	50	1264(1169,1158,1144)974	charcoal	Morwood 1990c
	SUA-2887	14C	1890	70	1967(1820)1612	charcoal	Morwood 1990c
	Beta-33935	14C	3400	80	3832(3633,3615,3613)3411	charcoal	Morwood 1990c
	NZA-1515	AMS	7613	80	8540(8388)8193	charcoal	Morwood et al. 1995a
	SUA-2886	14C	8320	120	9531(9397,9386,9369,9360,9345,9343,9296)9007	charcoal	Morwood 1990c
	Beta-51089	14C	12620	370	16133(15226,14611,14445)13825	charcoal	Morwood et al. 1995a
Sandy Creek 1 Rock Art	SUA-2870	14C	31900	+700/-600	Beyond available calibration curves	charcoal	Morwood & Trezise 1989
	AA-7685	AMS	840	55	907(728)661	organics	Cole 1998
	NZA-1206	AMS	2810	150	3337(2914,2914,2869)2494	oxalate	Cole et al. 1995
	OZA-405	AMS	9270	70	10667(10470,10459,10424)10236	oxalate	Cole 1998
	Beta-52714	14C	2030	60	2120(1966,1963,1949)1823	charcoal	Morwood et al. 1995a
	Beta-44933	14C	3810	80	4416(4150)3926	charcoal	Morwood et al. 1995a
	Beta-44934	14C	7830	80	8979(8591)8410	charcoal	Morwood et al. 1995a
	W-1212	TL	4400	200	NA	sediment	Morwood et al. 1995a
	W-1211	TL	5400	700	NA	sediment	Morwood et al. 1995a
	W-1210	TL	7700	2100	NA	sediment	Morwood et al. 1995a
Sandy Creek 2 Rock Art	W-1209	TL	10300	1700	NA	sediment	Morwood et al. 1995a
	AA-7723	AMS	6655	80	7660(7558,7538,7508)7345	oxalate	Cole et al. 1995
	NZA-2559	AMS	24600	220	Beyond available calibration curves	oxalate	Cole et al. 1995

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Scraggy Point	Beta-2472	14C	150	80	309(260,222,139,29,2)0*	charcoal	Campbell 1982a
	SUA-1659	14C	480	90	286(65,5)0	marine shell	Campbell 1982a
	Beta-2473	14C	520	70	647(523)338	charcoal	Campbell 1982a
	Beta-19423	14C	0	0	modern	marine shell	McNiven 1990a
Searly-Broutha Site	Unknown	TL	1900	NA	NA	sediment	Mortlock et al. 1979
	Unknown	TL	1100	NA	NA	sediment	Mortlock et al. 1979
Selwyn Ranges 2	NZA-12272	AMS	1260	80	1297(1173)967	charcoal	Ulm in press
	NZA-12117	AMS	3500	60	3892(3805,3798,3718)3586	charcoal	Ulm in press
	Wk-8324	14C	3540	80	3604(3398)3235	marine shell	Ulm 2000
	NZA-12273	AMS	3570	60	3982(3832)3643	charcoal	Ulm in press
	Wk-8326	14C	3610	70	3662(3469)3338	marine shell	Ulm 2000
	NZA-12118	AMS	3660	60	4146(3963,3947,3928)3732	charcoal	Ulm in press
	Wk-8328	14C	3750	60	3823(3648)3489	marine shell	Ulm 2000
	Wk-8327	14C	3780	60	3853(3686)3550	marine shell	Ulm 2000
	GaK-1109	14C	840	80	925(728)573	charcoal	Kelly 1982
	ANU-3383	14C	1110	10	670(653)641	marine shell	Beaton 1985
	ANU-3380	14C	1300	100	1041(835)648	marine shell	Beaton 1985
	ANU-3040	14C	1340	50	960(894)754	marine shell	Beaton 1985
ANU-3039	14C	1370	80	1059(912)727	marine shell	Beaton 1985	
ANU-3058	14C	1500	70	1187(1041)906	marine shell	Beaton 1985	
ANU-3382	14C	1500	70	1187(1041)906	marine shell	Beaton 1985	
ANU-3062	14C	1500	90	1238(1041)877	marine shell	Beaton 1985	
ANU-3384	14C	1580	80	1279(1133)942	marine shell	Beaton 1985	
ANU-3051	14C	1590	70	1273(1145)984	marine shell	Beaton 1985	
Beta-1755	14C	1600	45	1250(1158)1045	marine shell	Beaton 1985	
ANU-3381	14C	1600	70	1279(1158)973	marine shell	Beaton 1985	
ANU-3063	14C	1620	70	1289(1170)996	marine shell	Beaton 1985	
ANU-3064	14C	1690	70	1348(1246)1078	marine shell	Beaton 1985	
ANU-3057	14C	1910	70	1600(1436)1292	marine shell	Beaton 1985	
ANU-3061	14C	1920	70	1609(1459)1298	marine shell	Beaton 1985	
ANU-3050	14C	1980	70	1692(1520)1351	marine shell	Beaton 1985	
ANU-3054	14C	2010	70	1716(1544)1390	marine shell	Beaton 1985	
ANU-3060	14C	2030	70	1744(1566)1407	marine shell	Beaton 1985	
ANU-3055	14C	2030	80	1782(1566)1390	marine shell	Beaton 1985	
ANU-3059	14C	2050	70	1783(1598)1431	marine shell	Beaton 1985	
ANU-3049	14C	2060	70	1798(1607)1454	marine shell	Beaton 1985	
ANU-3056	14C	2090	90	1865(1660)1432	marine shell	Beaton 1985	
ANU-3052	14C	2110	80	1865(1685)1498	marine shell	Beaton 1985	
ANU-3053	14C	2120	80	1872(1691)1506	marine shell	Beaton 1985	
Beta-1754	14C	2165	55	1869(1732)1599	marine shell	Beaton 1985	
Beta-1764	14C	2165	55	1869(1732)1599	marine shell	David & Lourandos 1997	
ANU-3378	14C	2230	70	1976(1818)1654	marine shell	Beaton 1985	
ANU-3038	14C	2380	90	2250(1984)1791	marine shell	Beaton 1985	

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Spitfire Creek	SUA-2082	14C	450	70	modern	marine shell	Neal 1984
	SUA-2081	14C	560	70	309(234)0	marine shell	Neal 1984
Split Rock Rock Art	OZB-349	AMS	6530	138	7655(7425)7100	silica/paint	Cole 1998
	ANU-3339	14C	280	60	modern	marine shell	Rowland 1984
Spur Bay East	Beta-64374	14C	2510	130	2848(2708,2632,2612,2589,2537,2530,2494)2164	charcoal	Border 1994
	Beta-93961	14C	2740	70	2954(2782)2742	charcoal	Border 1994
St Bees Island Rockshelter	Unknown	14C	3180	150	3694(3377)2954	charcoal	Border 1994
St Helena Island	Beta-6140	14C	1370	60	1031(912)766	marine shell	Alfredson 1983
	Beta-6141	14C	2240	70	1986(1825)1677	marine shell	Alfredson 1983
St Pauls Beach Midden	Beta-13482	14C	760	60	758(669)561	charcoal	Ghaleb 1990
Stockyard Point	Beta-4235	14C	1130	60	771(662)562	marine shell	Rowland 1982a
Talgai Skull	R2526/13	14C	4560	70	5451(5292,5094,5094)4968	soil	Hendy et al. 1973
	R2040/4	14C	4730	40	5584(5465,5354,5333)5317	carbonate	Hendy et al. 1973
Teewah Beach 5D	R2526/17	14C	7890	110	9013(8631,8618,8609)8410	soil	Hendy et al. 1973
	R2526/21	14C	8300	115	9527(9395,9391,9365,9364,9276)9006	soil	Hendy et al. 1973
Teewah Beach 26	R2618/1	14C	9160	85	10503(10239)10178	carbonate	Hendy et al. 1973
	R2526/25	14C	9530	335	11928(10739,10704)9894	soil	Hendy et al. 1973
Tin Can Bay 75b	R2526/33	14C	9590	490	See Notes	soil	Hendy et al. 1973
	R2040/5	14C	9790	60	11234(11183)11095	carbonate	Hendy et al. 1973
Tom's Creek Site Complex	R2618/2	14C	11650	100	15002(13769,13726,13503)13195	carbonate	Hendy et al. 1973
	R2526/29	14C	12400	300	15726(14326)13661	soil	Hendy et al. 1973
The Tombs Rockshelter	Beta-19422	14C	0	0	modern	marine shell	McNiven 1990a
	Beta-30401	14C	340	70	511(422,398,318)4	charcoal	McNiven 1990a
Toulkerrie	Beta-25511	14C	950	100	1053(906,861,829,811,794)667	charcoal	McNiven 1990a
	Beta-30399	14C	1070	70	1166(952)791	charcoal	McNiven 1990a
Toulu	Beta-30400	14C	3140	100	3555(3355)3065	charcoal	McNiven 1990a
	Beta-25512	14C	4780	80	5647(5576,5533,5482)5312	charcoal	McNiven 1990a
Toulu	NPL-30	14C	3400	97	3867(3633,3615,3613)3385	charcoal	Mulvaney 1962
	NPL-31	14C	3600	93	4147(3867)3636	charcoal	Mulvaney 1962
Toulu	NPL-64	14C	9410	100	11070(10636,10615,10580)10268	charcoal	Callow et al. 1965
	ANU-003	14C	9800	220	12080(11192)10513	charcoal	Mulvaney 1971
Toulu	Beta-19421	14C	700	70	471(308)233	marine shell	McNiven 1990a
	Wk-7681	14C	0	0	modern	charcoal	Ulm in prep.
Toulu	Wk-7686	14C	540	50	634(532)499	charcoal	Ulm in prep.
	Wk-7682	14C	620	50	325(267)130	marine shell	Ulm in prep.
Toulu	Wk-7838	14C	630	50	362(272)136	marine shell	Ulm in prep.
	Wk-7684	14C	880	70	928(756,753,740)664	charcoal	Ulm pers. comm, 2000
Toulu	Wk-7683	14C	940	50	620(523)467	marine shell	Ulm pers. comm, 2000
	Wk-7685	14C	1110	70	1172(970)800	charcoal	Ulm & Lilley 1999
Toulu	Beta-32049	14C	310	80	509(309)1	charcoal	Hall & Bowen 1989
	Beta-32796	14C	350	70	520(427,387,322)4	charcoal	Hall & Bowen 1989
Toulu	I-11096	14C	370	75	524(433,353,332)154	charcoal	Hall 1984
	Beta-32048	14C	2150	80	2337(2118)1898	charcoal	Hall & Bowen 1989

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Toulkerrie	Beta-32047	14C	2290	80	2433(2328)2066	charcoal	Hall & Bowen 1989
Townsville Common	GaK-7225	14C	3760	130	4499(4089)3704	charcoal	Belperio 1978
Tunnel Shelter	Wk-6185	14C	710	50	690(655)553	charcoal	David & Wilson 1999
	Wk-6798	14C	770	40	732(671)651	charcoal	David & Wilson 1999
	Wk-6031	14C	10120	60	12267(11686,11680,11640,11605,11603)11263	charcoal	David & Wilson 1999
Turtle Rock	ANU-2120	14C	2410	80	2736(2354)2164	charcoal	Morwood 1979
	ANU-2202	14C	2800	300	3634(2865)2151	charcoal	Morwood 1979
Turtle Rock Rockshelter	Beta-2475	14C	1850	110	1995(1732)1521	charcoal	Campbell 1982b
	Beta-2476	14C	3400	90	3835(3633,3615,3613)3396	charcoal	Campbell 1982b
	Beta-2474	14C	4110	120	4865(4568,4558,4547,4538,4533)4243	charcoal	Campbell 1982b
	SUA-1656	14C	4270	110	5207(483)4448	charcoal	Kelly 1982
Walaemini Rockshelter	ANU-3041b	14C	5210	80	5715(5574)5416	marine shell	Beaton 1985
Walkunder Arch Cave	Beta-4330	14C	900	50	925(786,780,765)881	charcoal	Campbell 1982b
	Beta-44284	14C	910	60	930(788)674	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-34482	14C	1330	60	1310(1263)1066	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-54020	14C	1420	70	1412(1295)1177	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-54019	14C	1520	70	1533(1386,1378,1373,1362,1353)1287	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-54021	14C	1530	70	1538(1405,1404,1390)1289	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-26657	14C	1920	140	2287(1862,1850,1825)1523	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-54022	14C	2170	80	2342(2145,2141,2123)1904	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-2478	14C	2220	70	2348(2297,2268,2177,2171,2154)1998	charcoal	Campbell 1982b
	Beta-4329	14C	2280	50	2350(2325,2319,2314,2216,2212)2126	charcoal	Campbell 1982b
	Beta-54018	14C	2360	60	2706(2347)2161	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-44282	14C	2380	70	2711(2350)2161	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-44283	14C	2380	70	2711(2350)2161	charcoal	Campbell & Mardaga-Campbell 1993
	NZA-2322	AMS	2403	90	2739(2353)2155	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-54023	14C	2410	70	2715(2354)2211	charcoal	Campbell & Mardaga-Campbell 1993
	NZA-2321	AMS	2420	100	2747(2356)2155	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-34483	14C	2530	60	2752(2710,2628,2619,2558,2546)2355	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-44281	14C	2600	60	2780(2742)2471	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-38571	14C	2670	70	2916(2754)2545	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-57315	14C	2680	90	2949(2759)2492	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-44280	14C	2820	60	3135(2916,2911,2872)2773	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-26658	14C	3040	60	3362(3236,3232,3211)2998	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-4328	14C	3410	60	3827(3635)3471	charcoal	Campbell 1982b
	Beta-57313	14C	3420	90	3870(3637)3411	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-2477	14C	3550	70	3982(3829,3787,3779)3635	charcoal	Campbell 1982b
	Beta-57314	14C	3670	100	4244(3975,3943,3930)3691	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-4327	14C	3700	60	4220(4058,4052,3984)3834	charcoal	Campbell 1982b
	Beta-26656	14C	3710	60	4226(4065,4048,3987)3838	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-38570	14C	3760	90	4409(4089)3834	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-6791	14C	4100	50	4814(4567,4560,4530)4419	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-4324	14C	7460	100	8409(8280,8266,8198)8014	charcoal	Campbell 1982b

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Walkunder Arch Cave	Beta-6787	14C	10240	420	13125(11939,11797,11774)10579	l/s shell	Campbell & Mardaga-Campbell 1993
	Beta-6789	14C	11870	110	15237(13831)13470	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-6790	14C	12780	90	15831(15397)14339	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-6788	14C	13150	120	16310(15779)14677	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-4326	14C	13490	110	16703(16175)15677	charcoal	Campbell 1982b
	Beta-17358	14C	15950	770	20892(19006)17170	charcoal	Campbell & Mardaga-Campbell 1993
	Beta-4323	14C	18680	180	22986(22147)21372	l/s shell	Campbell 1982b
	Beta-4325	14C	19520	170	24009(23114)22320	l/s shell	Campbell 1982b
	OZA-399	AMS	3340	60	3691(3553)3396	graphite	Campbell et al. 1996
	OZA-398	AMS	6790	70	7723(7610,7596,7592)7507	graphite	Campbell et al. 1996
	AA-9220	AMS	7085	135	8167(7928,7897,7868)7615	oxalate	Campbell & Mardaga-Campbell 1993
	NZA-2574	AMS	9470	120	11163(10687,10647,10643)10287	oxalate	Campbell & Mardaga-Campbell 1993
	OZA-397	AMS	10400	90	12836(12326)11765	graphite	Campbell et al. 1996
	OZA-396	AMS	12840	100	15915(15454)14376	graphite	Campbell et al. 1996
OZA-395	AMS	16100	130	19870(19178)18542	graphite	Campbell et al. 1996	
OZA-394	AMS	20800	160	Beyond available calibration curves	graphite	Campbell et al. 1996	
OZA-393	AMS	22800	210	Beyond available calibration curves	graphite	Campbell et al. 1996	
OZA-392	AMS	25800	280	Beyond available calibration curves	graphite	Campbell et al. 1996	
OZA-391	AMS	28100	400	Beyond available calibration curves	graphite	Campbell et al. 1996	
OZA-390	AMS	29700	500	Beyond available calibration curves	graphite	Campbell et al. 1996	
Wallen Wallen Creek	SUA-2461	14C	1070	50 696(635)538	marine shell	Neal & Stock 1986	
	SUA-2465	14C	1230	50 888(746)660	marine shell	Neal & Stock 1986	
	SUA-2236	14C	1520	70 1222(1052)917	marine shell	Neal & Stock 1986	
	SUA-2462	14C	2120	70 2309(2058)1895	charcoal	Neal & Stock 1986	
	SUA-2466	14C	4290	90 5045(4835)4533	charcoal	Neal & Stock 1986	
	OxA-808	AMS	4410	80 5297(4965,4928,4914,4899,4881)4829	charcoal	Gowlett et al. 1987	
	SUA-2343	14C	6950	80 7936(7742)7592	charcoal	Neal & Stock 1986	
	OxA-809	AMS	8200	90 9465(9226,9224,9127,9103,9089,9039,9034)8814	charcoal	Gowlett et al. 1987	
	OxA-810	AMS	9640	120 11229(11087,10936,10906,10901,10890)10565	charcoal	Gowlett et al. 1987	
	SUA-2467	14C	9760	140 11549(11172)10645	charcoal	Neal & Stock 1986	
	SUA-2251	14C	9810	130 11554(11195)10745	charcoal	Neal & Stock 1986	
	SUA-2344R	14C	11990	70 15297(14051,13911,13865)13646	sediment	Neal & Stock 1986	
	SUA-2463	14C	13040	220 16334(15650)14387	charcoal	Neal & Stock 1986	
	OxA-1011	AMS	13500	400 17229(16186)14505	charcoal	Gowlett et al. 1987	
	SUA-2342	14C	13650	240 17091(16359)15658	charcoal	Neal & Stock 1986	
	SUA-2464	14C	16420	260 20420(19547)18718	charcoal	Neal & Stock 1986	
	SUA-2235	14C	17500	+900/-800 22876(20789)18751	charcoal	Neal & Stock 1986	
	SUA-2341	14C	20560	250 Beyond available calibration curves	charcoal	Neal & Stock 1986	
	OxA-807	AMS	21430	400 Beyond available calibration curves	charcoal	Gowlett et al. 1987	
	OxA-806	AMS	21800	400 Beyond available calibration curves	charcoal	Gowlett et al. 1987	
Wanderer's Cave	ANU-1539	14C	820	70 909(693)573	charcoal	Beaton 1977	
	ANU-1522	14C	4320	80 5047(4849)4622	charcoal	Beaton 1977	
Webber Swamp 100	Beta-19425	14C	0	0 modern	marine shell	McNiven 1990a	

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
Weipa 5	ANU-4412	14C	710	75	484(315)233	marine shell	Stone 1992
Weipa 6	ANU-4414	14C	1250	80	936(768)644	marine shell	Stone 1992
Weipa 7	ANU-4413	14C	1420	80	1135(943)779	marine shell	Stone 1992
Weipa 8	ANU-4415	14C	1210	60	887(727)644	marine shell	Stone 1992
Weipa 9	ANU-4416	14C	180	50	modern	marine shell	Stone 1992
Weipa 10	ANU-4417	14C	520	80	297(131)0	marine shell	Stone 1992
Weipa 11	ANU-4418	14C	770	70	509(420)272	marine shell	Stone 1992
Weipa 12	ANU-4419	14C	1460	60	1135(974)893	marine shell	Stone 1992
Weipa 13	ANU-4420	14C	710	60	465(315)253	marine shell	Stone 1992
Weipa 14	ANU-4421	14C	970	60	645(540)474	marine shell	Stone 1992
Weipa 16	ANU-4423	14C	870	70	566(490)339	marine shell	Stone 1992
Weipa 17	ANU-4424	14C	630	60	404(272)121	marine shell	Stone 1992
Weipa 18	ANU-4425	14C	2070	60	1784(1617)1497	marine shell	Stone 1992
Weipa 19	ANU-4426	14C	720	60	471(324)258	marine shell	Stone 1992
Weipa 20	ANU-4427	14C	2100	80	1857(1680)1485	marine shell	Stone 1992
Weipa 20A	ANU-4428	14C	1810	80	1516(1327)1211	marine shell	Stone 1992
Weipa 21	ANU-4429	14C	2010	80	1744(1544)1368	marine shell	Stone 1992
Weipa 23	ANU-4430	14C	1800	80	1510(1316)1183	marine shell	Stone 1992
Weipa 24	ANU-4431	14C	1580	70	1267(1133)957	marine shell	Stone 1992
Weipa 25	ANU-4432	14C	890	80	625(500)340	marine shell	Stone 1992
Weipa 26	ANU-4433	14C	1390	80	1084(923)742	marine shell	Stone 1992
Weipa 27	ANU-4434	14C	1790	90	1515(1306)1164	marine shell	Stone 1992
Weipa 28	ANU-4435	14C	1520	80	1238(1052)906	marine shell	Stone 1992
Weipa 29	ANU-4436	14C	1330	80	1031(886)684	marine shell	Stone 1992
Weipa 30	ANU-4437	14C	270	70	modern	marine shell	Stone 1992
Weipa 31	ANU-4438	14C	960	60	641(534)468	marine shell	Stone 1992
Weipa 32	ANU-4439	14C	500	70	277(104)0	marine shell	Stone 1992
Weipa 33	ANU-4440	14C	220	50	modern	marine shell	Stone 1992
Weipa C14#4	ANU-4411	14C	580	70	325(247)0	marine shell	Stone 1992
Weipa G10E	ANU-4441	14C	800	70	525(442)286	marine shell	Stone 1992
Weipa Mound M3	ANU-8770	14C	870	80	614(490)315	marine shell	Bailey et al. 1994
Weipa Mound M34	ANU-8774	14C	2700	110	2709(2344)2113	marine shell	Bailey et al. 1994
Weipa Mound M37	ANU-8782	14C	1940	90	1692(1488)1287	marine shell	Bailey et al. 1994
Weipa Mound M39	ANU-8783	14C	790	70	519(433)281	marine shell	Bailey et al. 1994
	ANU-8784	14C	1120	70	781(657)544	marine shell	Bailey et al. 1994
Weipa Mound M39b	ANU-8773	14C	1560	60	1238(1101)957	marine shell	Bailey et al. 1994
	ANU-8772	14C	1570	70	1261(1120)949	marine shell	Bailey et al. 1994
Weipa Mound M509	ANU-4410	14C	360	100	modern	marine shell	Stone 1992
	ANU-4409	14C	760	75	509(413)263	marine shell	Stone 1992
	ANU-4408	14C	790	60	509(433)291	marine shell	Stone 1992
	ANU-8775a	14C	790	110	565(433)241	marine shell	Bailey et al. 1994
	ANU-8785	14C	890	70	614(500)402	marine shell	Bailey et al. 1994
	ANU-8775b	14C	1060	130	1261(948,938,934)685	charcoal	Bailey et al. 1994

SECTION 1: Basic Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Method	CRA	±	Calibrated Age/s	Sample	Date Reference
White Patch Site 3	SUA-480	14C	450	95	625(504)296	charcoal	Gillespie & Temple 1979
	SUA-481	14C	670	95	734(649,579,570)510	charcoal	Gillespie & Temple 1979
Whites Bore III	SUA-2942	14C	1730	80	1820(1608,1577,1573)1413	charcoal	Robins 1993
Whites Bore IV	Beta-33937	14C	880	70	928(756,753,740)664	charcoal	Robins 1993
Woam	Beta-3614	14C	780	70	790(673)561	charcoal	Barham & Harris 1985
	Beta-6934	14C	1420	60	1069(943)831	marine shell	Barham & Harris 1985
	Beta-6885	14C	2890	60	2755(2694)2457	marine shell	Barham & Harris 1985
Wreck Beach	Beta-4226	14C	690	70	465(302)149	marine shell	Rowland 1982b
	Beta-4222	14C	1130	60	771(662)562	marine shell	Rowland 1982b
Wreck Beach Extension 1	ANU-2495	14C	500	80	286(104)0	marine shell	Rowland 1983
Wunjunga BMO	SUA-1655	14C	860	80	949(786,780,765)664	charcoal	Campbell 1982b
Wunjunga I/3	Beta-22119	14C	350	40	497(427,387,322)296	charcoal	Bird 1987
	Beta-22123	14C	620	90	686(622,605,556)499	charcoal	Bird 1987
Wunjunga I/25	Beta-22120	14C	160	60	300(264,219,141,26,2)0*	charcoal	Bird 1987
	Beta-2469	14C	690	60	452(302)241	marine shell	Campbell 1982b
Wunjunga I/47	Beta-2470	14C	770	80	877(671)553	charcoal	Campbell 1982b
Wunjunga III/79	Beta-22122	14C	450	60	modern	marine shell	Bird 1987
Wunjunga III/81	Beta-22121	14C	620	60	387(267)103	marine shell	Bird 1987
Yam Camp	Beta-35291	14C	950	50	946(906,861,829,811,794)730	charcoal	Morwood & Dagg 1995
	Beta-33938	14C	16900	280	21012(20099)19220	charcoal	Morwood & Dagg 1995
Yam Camp Rock Art	OZB-348	AMS	610	40	653(620,608,554)524	oxalate	Cole 2000
	AA-7679	AMS	725	111	908(660)513	organics	Watchman & Cole 1993
	AA-7719	AMS	730	75	758(662)545	organics	Watchman & Cole 1993
Youlain Springs	NZA-1207	AMS	0	0	modern	charcoal	Robins 1993
	NZA-1208	AMS	4280	120	5276(4833)4446	charcoal	Robins 1993
	NZA-1575	AMS	6108	91	7233(6937,6921,6910)6685	charcoal	Robins 1993
	W-802	TL	7900	500	NA	sediment	Robins 1993
	NZA-1227	AMS	8110	270	9550(9012)8369	charcoal	Robins 1993
	NZA-670	AMS	12820	230	16265(15435)14111	charcoal	Robins 1993
	NZA-606	AMS	13230	440	16995(15873)14259	charcoal	Robins 1993
	NZA-1228	AMS	13810	260	17318(16543)15805	charcoal	Robins 1993
	NZA-671	AMS	13830	630	18113(16566)14395	charcoal	Robins 1993

SECTION 2:

Advanced Determination Data

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 2: Advanced Determination Data

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Abbott Bay	Gak-2013	<i>Telescopium telescopium</i>												
Alkaline Hill	ANU-3041a	<i>Anadara granosa</i>												
Aranarawai Beach Ridge II	Beta-24538	<i>Anadara trapezia</i>												
Bayley Point Mound 3	Beta-61791	<i>Anadara granosa</i>	45	M3	0	0-1.7			1.0e	1e				
	Beta-28747	<i>Anadara granosa</i>	65.9	M3	2	6.5-9.7			1.0e	1e				
	Beta-37835	<i>Anadara granosa</i>		M3	9	31.4-34.8			1.0e	1e				
	Beta-26903	<i>Anadara granosa</i>	86.3	M3	18	72.4-76.7			1.0e	1e				
	ANU-2912	<i>Anadara antiquata</i>				0			0.0e	2e				
Big Foot Art Site	Wk-4880	Unidentified	15.5	I5	4a	3-7	-41.0	4.5	-25.5	0.2	-40.1	5.5	96.0	0.6
	Wk-4881	Unidentified	9.0	I5	6a	7-10	-72.1	4.3	-25.4	0.2	-71.3	5.2	92.9	0.5
	Wk-4879	Unidentified	11.1	I5	20b	34-37	-405.6	3.6	-25.8	0.2	-404.8	4.3	59.5	0.4
	Wk-4638	Unidentified	13.9	I5	36	65-68	-584.7	2.9	-26.4	0.2	-583.5	3.6	41.7	0.4
Big Sandhills Beach	Beta-4231	<i>Crassostrea amasa</i>		A		10-15	23.0	7.0	1.0e	2e	-30.2	7.8		
	Beta-4230	<i>Crassostrea amasa</i>		A		0-5	15.0	7.0	1.0e	2e	-37.8	7.8		
Bishop's Peak	Beta-16298	Unidentified												
	Beta-16299	Unidentified												
	Beta-25205	Unidentified			28	83-87								
Boonah Shelter	Beta-21276	Unidentified		D7b	14	40.5-44.5								
	Beta-27663	Unidentified		C7b	17	41.5-44.5								
	Beta-25204	Unidentified		C7a	7	16-20								
	Beta-38414	Unidentified			12-13	26.7			-25e					
	Beta-32045	Unidentified			34	76.6			-25e					
Booral Shell Mound	Beta-37394	Unidentified		A	2	9.5			-25e					
	Beta-36303	Unidentified		A	7	39.5			-25e					
	Beta-36304	Unidentified		A	11	59			-25e					
	Beta-38415	Unidentified		A	14	75			-25e					
	Beta-38242	Unidentified		A	17	91.2			-25e					
	Beta-32046	Unidentified		A	25	137.1			-25e					
	Beta-61168	<i>Saccostrea</i> sp.		D6	8	21-23								
	Wk-3326	<i>Saccostrea</i> sp.		D6	11	32-34								
Border Island 1	Beta-56976	<i>Saccostrea</i> sp.		D6	13	39-40.9								
	Wk-4878	Unidentified	9.4	B	21	29-31	-337.6	3.8	-26.1	0.2	-336.2	4.6	66.4	0.5
	SUA-2499	<i>Eleocharpus bancroftii</i>		M10	7	27-32								
	SUA-2500	Unidentified		M7	16	65-70								
Bramston Beach Midden	SUA-2501	<i>Donax</i> sp.		M7	16	65-70								
	SUA-2245	<i>Donax</i> sp.		M28	5	12-17								
	SUA-2287	<i>Donax</i> sp.		M28	1	0-3								
	Beta-56565	Unidentified	5			10-15			-25e					
Bribie Island 9	Beta-56566	Unidentified	3			70			-25e					
	V-161	Unidentified		T52-53		65-97			-25e	2e				
	ANU-67/2	Unidentified		T52-53		65-97								
	ANU-67/3	Unidentified		T52-53		65-97								
	V-157	Unidentified		Q54-55, R55		49-72			-25e	2e				

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 2: Advanced Determination Data

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Broadbeach Burial Ground	V-162	Unidentified		Q54-55, R55		49-72			-25e	2e				
	ANU-68/1	Unidentified		Q54-55, R55		49-72								
	ANU-68/2	Unidentified		Q54-55, R55		49-72								
	ANU-67/1	Unidentified		T52-53		65-97								
	Brooyar Rockshelter	Beta-23344	Unidentified	15	E15	4	7-9							
Brown's Road	Beta-3077	Unidentified	12			30-36								
Bush Peg Shelter	Wk-6191	Unidentified												
Bushranger's Cave	Wk-5866	Unidentified												
	Beta-42843	Unidentified		H94	5				-25e					
	Beta-42844	Unidentified		H94	11				-25e					
	Beta-18897	Unidentified		H91	5				-25e					
	Beta-44134	Unidentified							-25e					
	Beta-4851	Unidentified	5	H91	12	45-50			-25					
	Beta-4852	Unidentified	5	U86	9	45-50			-25					
	Beta-42845	Unidentified		H94	17				-25e					
	Beta-42846	Unidentified		H94	21				-25e					
	Beta-42847	Unidentified		H94	24				-25e					
	Cameron Point 62	Beta-34400	Unidentified	11.0	B	6	14-17							
		Beta-34401	Unidentified	11.95	B	10	27-30							
	Cape Cornwall	ANU-1364	Unidentified				25-35							
Cape Flattery	Beta-30287	Unidentified												
Cape Palmerston	Beta-64372	Unidentified			6	10						100.4	0.6	
Castle Rock Cave	Beta-64373	Unidentified			12									
Cathedral Cave	ANU-1763	Unidentified		Units 4, 5, 8					-24.0	2.0	-193.8	7.1		
	ANU-1761	Unidentified		Units 1-3	SU3	45			-24.0	2.0	-249.4	6.6		
	ANU-1760	Unidentified		Unit 2	SU6	131			-24.0	2.0	-308.2	6.3		
	ANU-1764	Unidentified		Unit 7	10				-24.0	2.0	-339.2	6.4		
	ANU-1762	Unidentified		Units 1-3	SU8	150			-24.0	2.0	-358.2	6.2		
	Chillagoe Site 55 Rock Art	OZC-441	Unidentified											
		OZC-440	Unidentified											
		OZD-423	Unidentified											
		OZC-853	Unidentified											
		OZC-438	Unidentified											
	OZC-852	Unidentified												
	OZC-439	Unidentified												
Chillagoe Site 62 Rock Art	OZB-586	Unidentified											88.46	5.33
	OZB-765	Unidentified											85.42	2.59
	OZB-782	Unidentified											77.96	4.92
Chillagoe Site 75 Rock Art	OZB-587	Unidentified											71.72	2.6
	Beta-54588	Unidentified	5	L4/13A		10-13			-25e					
Christmas Creek	Beta-54589	Unidentified	5	L4/13A		30-40			-25e					
	Beta-44841	Unidentified	5	L4/13A		50-60			-25e					
Clam Bay	Beta-4232	<i>Crassostrea amasa</i>		Test Pit		5-10								

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Colless Creek Cave	ANU-3609	<i>Velesunio</i> sp.		S37	5									
	ANU-3608	<i>Velesunio</i> sp.		S37	2									
	ANU-3610	<i>Velesunio</i> sp.		S37	7									
	ANU-3829	<i>Velesunio</i> sp.		K39	3									
	ANU-2330	<i>Velesunio</i> sp.		P46	2	3								
	ANU-3511	<i>Velesunio</i> sp.		P46	3									
	ANU-3830	<i>Velesunio</i> sp.		K39	14									
	ANU-2507	<i>Velesunio</i> sp.		P46	5	10								
	ANU-2506	<i>Velesunio</i> sp.		P46	8	19								
	ANU-2509	<i>Velesunio</i> sp.		U39	5	14								
	ANU-2508	<i>Velesunio</i> sp.		T39	6	20								
	ANU-2331	<i>Velesunio</i> sp.		P46	10	27								
	Courtyard Rock	OZB-778	Unidentified											
		OZB-579	Unidentified											
		OZB-776	Unidentified											
	Cribb Island	Beta-3227	Unidentified											
		Beta-3226	Unidentified											
	Cuckadoo 1	Beta-38560	Unidentified		6	2								
		Beta-25057	Unidentified		1	10	14.7							
	Beta-28454	Unidentified		1	12	18.8								
	Beta-38561	Unidentified		6	6									
	ANU-7851	Unidentified		3		5-7.5								
	Beta-38562	Unidentified		6	14									
	ANU-7853	Unidentified		3		17.5-20								
	ANU-7852	Unidentified		3		10-12.5								
	Beta-28455	Unidentified		1	16	29.4								
	Beta-38563	Unidentified		6	16									
	Beta-40086	Unidentified		6	39									
	Beta-38564	Unidentified		6	29									
	ETH-6955	Unidentified		6	40									
	Beta-25058	Unidentified		1	23	52.8								
Curlew Island Open Site	Beta-42530	<i>Saccostrea</i> sp.												
Curlew Island Rockshelter	Beta-91476	Unidentified		H36	10									
	Beta-54204	Unidentified	2	H36										
Deception Bay 1	LJ-949	<i>Anadara trapezia</i>												
	LJ-951	<i>Notospisula trigonella</i>												
Deception Bay 2	LJ-952	<i>Anadara trapezia</i>												
Deception Bay 3	SUA-1257	<i>Anadara trapezia</i>												
Deception Bay 4	SUA-1256	<i>Anadara trapezia</i>												
Deception Bay 5	SUA-1255	<i>Anadara trapezia</i>												
Deighton Lady Rock Art	NZA-2575	Unidentified												
	AA-9219	Unidentified												
DH Site	SUA-1878	Unidentified		SEC	39	120								

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Double Island Point 1 Dragonfly Hollow Early Man Rockshelter	Beta-34059	Unidentified	5.37	T3/3	6	47-54								
	OZC-068	Unidentified												
	OZC-069	Unidentified												
	ANU-1564	Unidentified		B4	8									
	ANU-1561	Unidentified		A5	2	50-52								
	ANU-1562	Unidentified		B4	3	50-52								
	ANU-1443	Unidentified		B4	6	85-90								
	ANU-1445	Unidentified		R4	6	100-105								
	ANU-1444	Unidentified		Q4	6	90								
	ANU-1563	Unidentified		B4	6	110-115								
	ANU-1442	Unidentified		B5	8									
	ANU-1566	Unidentified		D6	8	145-150								
	ANU-1441	Unidentified		D6	8	130-135								
	ANU-1567	Unidentified		D6	8	150-155								
	ANU-1565	Unidentified		B5	8									
Echidna's Rest	ANU-4811	Unidentified		6	1	4								
	ANU-4812	Unidentified		4	1									
	ANU-4809	Unidentified		12	1	6.7								
	ANU-4815	Unidentified		2	2	10.2								
	ANU-7015	<i>Xanthomelon pachystylum</i>		4	1									
	ANU-5154	Unidentified		3	2	9.5								
	ANU-4810	Unidentified		3	2	5.3								
	ANU-5155	Unidentified		3	2	7.9								
	OZA-576	Unidentified	0.0564											
	OZA-577	Unidentified	0.1278											
Echidna's Rest Rock Art	OZA-578	Unidentified	0.0557											
	OZA-579	Unidentified	0.036											
	OZA-573	Unidentified	0.0309											
	OZA-575	Unidentified	0.0759											
	OZA-574	Unidentified	0.0324											
	OZC-437	Unidentified												
	ARL-152	Unidentified		L24	2	12								
	ARL-153	Unidentified		L24	8	38								
	ARL-154	Unidentified		L24	10	48								
	ARL-155	Unidentified		L24	12	65								
Endaen Rockshelter Eurimbula Creek 1 Eurimbula Creek 2 Eurimbula Site 1	ANU-3379	Unidentified												
	Wk-7680	Unidentified	3.4	C	6	14.9-18.3	-29.9	5.6	-26.1	0.2	-27.7	6.9	97.2	0.7
	Wk-7689	Unidentified	2.8	A	6	13.1-16.3	-22.1	6.5	-25.7	0.2	-20.8	8.0	97.9	0.8
	Wk-5601	Unidentified	2.5	E1	5	9.5	-30.8	7.6	-27.0	0.2	-26.9	9.3	97.3	0.9
	Wk-8555	<i>Anadara trapezia</i>	21	E7	5	18.8-24	-3.9	5.9	-0.4	0.2	-52.8	6.9	94.7	0.7
	Wk-3946	<i>Anadara trapezia</i>	90.7	E7	0	0	-17.7	4.8	0.0	0.2	-66.8	5.6	93.3	0.6
	Wk-8554	<i>Anadara trapezia</i>	19.9	E4	4	15-20	-19.6	5.4	-0.9	0.2	-66.9	6.2	93.3	0.6
	Wk-5215	Unidentified	2.1	E1	10	35	-181.3	12.7	-25.3	0.2	-180.8	15.5	81.9	1.5

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Eurimbula Site 1	Wk-8553	<i>Anadara trapezia</i>	20.2	E3	7	28.4-34.1	-158.5	5.1	-0.6	0.2	-199.5	6.0	80.1	0.6
	Wk-3944	<i>Anadara trapezia</i>	71.1	E1	10	35	-219.8	4.5	-0.8	0.2	-257.6	5.2	74.2	0.5
	Wk-7688	Unidentified	4.6	A	17	43.66-46.64	-258.2	5.0	-25.5	0.2	-257.5	6.1	74.2	0.6
	Wk-7687	Unidentified	2.8	D	15	45.4-47.92	-291.5	7.6	-24.7	0.2	-291.9	9.3	70.8	0.9
	Wk-3945	Unidentified	10.3	E2	9	50	-315.3	4.4	-26.5	0.2	-313.3	5.3	68.7	0.5
Evans Bay	ANU-1367	Unidentified				60-65								
	ANU-1366	Unidentified				30-40								
Fern Cave	Beta-33921	Unidentified		4,6,7	1	0-1.3			-24.9					
	OZB-784	Unidentified												
	Beta-34566	<i>Xanthomelon pachystylum</i>		4		9-12.3			-7.1					
	Beta-34567	<i>Xanthomelon pachystylum</i>		4		19.4-22.2			-6.7					
	Beta-34568	<i>Xanthomelon pachystylum</i>		4		26-30.4			-8.2					
Fig Tree Shelter	Beta-30403	<i>Xanthomelon pachystylum</i>		3		18.8-23.4			-10.0					
	OZD-205	Unidentified												
	Wk-6189	Unidentified												
	Wk-6793	Unidentified												
	Beta-1946	<i>Donax deltooides</i>	95	D	1-2	0-12								
Fraser Island 217/15	Beta-1698	Unidentified				15								
	Beta-1701	Unidentified												
Fraser Island 796/54	Beta-1700	Unidentified												
	Beta-1699	Unidentified				0								
	Wk-2689	<i>Trochus niloticus</i>	132		1				3.5					
	Wk-2690	<i>Trochus niloticus</i>	150.02		7				3.9					
	Wk-2691	Unidentified	7.13		20				-25.7					
Gainsford 1	GaK-6721	<i>Telescopium</i> sp.				0								
	GaK-6722	<i>Telescopium</i> sp.				0								
Gatton Shelter	Beta-5897	Unidentified		G4c	13	29-33								
	Beta-5898	Unidentified		G4c	26	65-69								
	Beta-15811	Unidentified		G4b	32	118-126								
	Beta-40083	Unidentified		G5a	19	55-60								
Goat Rock	ANU-2004	Unidentified												
	Wk-6192	Unidentified												
	Wk-6186	Unidentified		J5										
	Wk-6187	Unidentified		M5										
	Wk-6795	Unidentified												
Gorge Creek Shelter	Beta-3776	Unidentified		N20	5	17-20								
	Beta-3777	Unidentified		N20	7	25-30								
	ARL-148	Unidentified		O18	12	61								
	ARL-149	Unidentified		O18	15	75								
	Beta-3778	Unidentified		S20	20B	84-88								
Grass Tree Shelter	SUA-1851	Unidentified		S20	23	92-98								
	ARL-150	Unidentified		O18	17	82-86								
	ARL-224	Unidentified		O18	16	79								

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Green Ant Shelter	ARL-151	Unidentified		O18	22-23	105-114								
Grinding Groove Cave	Wk-8320	Unidentified	2.1	H	3c	5.3	-57.0	8.8	-26.0	0.2	-55.1	10.8	94.5	1.1
	NZA-7991	Unidentified	0.6	A	21	68.29	-289.6	6.0	-25.9	0.2	-288.3	6.1	71.17	0.61
	Wk-8321	Unidentified	3.1	A	33b	96.4	-308.5	5.8	-27.4	0.2	-305.2	7.1	69.5	0.7
	Wk-8322	Unidentified	1.3	H	40	118	-315.1	11.0	-24.3	0.2	-316.1	13.4	68.4	1.3
	Wk-8323	Unidentified	2.8	A	58	171.1	-350.0	13.1	-24.1	0.2	-351.2	15.9	64.9	1.6
	Beta-21384	Unidentified	2.17	M		30-40							101.3	1.6
Gumu	Beta-21385	Unidentified	1.8	M		35								
	Beta-21386	Unidentified	1.3	7		42								
	Beta-12849	Unidentified			1	170			1.0e	1e				
	Beta-12850	Unidentified			2	200			1.0e	1e				
Gyranda 5	SUA-2362	Unidentified			6	6								
	SUA-2359	<i>Velesunio</i> sp.	50	E		0								
Gyranda 8	SUA-2360	<i>Velesunio</i> sp.		1		25								
	SUA-2361	<i>Velesunio</i> sp.												
Gyranda 13	Beta-16685	<i>Velesunio</i> sp.		N	14	52-61								
	Wk-5865	Unidentified			5									
Hand Shelter	Wk-5864	Unidentified			3									
	Wk-6053	Unidentified												
Hay Cave	Wk-1716	Unidentified												
Hearth Cave	Wk-1716	Unidentified		2	SU3	18.9-22								
	NZA-1383	Unidentified		2	SU4b	36.4-40								
	Beta-54024	Unidentified		3	14a	40.6-45.7								
	Wk-1719	<i>Xanthomelon pachystylum</i>		3	16a	51.4-57.1								
Herveys Range B	GX-3944	Unidentified		HV		60								
	GX-3943	Unidentified		HVII		50								
Hill Inlet 1	Beta-34060	Unidentified		H15	24	77								
	Beta-20800	Unidentified		E	14	78								
Hope Island	Beta-20797	Unidentified		A	8	35								
	Beta-20798	Unidentified		A	11	50								
Initiation Cave	Beta-20799	Unidentified		A	17	75								
	Wk-6026	Unidentified												
Ironbark Site Complex	Beta-45772	Unidentified												
	Wk-6029	Unidentified												
	Wk-8557	Unidentified	1.0	P	7	16.3	-26.9	13.8	-26.0	0.2	-25.1	16.8	97.5	1.7
	Wk-8558	<i>Anadara trapezia</i>	20.1	P	7	17.6	-22.8	6.1	-0.3	0.2	-71.1	7.1	92.9	0.7
	Wk-6359	Unidentified	4.4	M	4	5.38-10.48	-81.0	5.2	-26.9	0.2	-77.5	6.4	92.3	0.6
	Wk-8556	<i>Anadara trapezia</i>	16.7	O	9a	27.38	-60.7	5.4	-0.5	0.2	-106.7	6.3	89.3	0.6
	Wk-6360	Unidentified	4.1	M	9	22.9-28.14	-161.0	5.0	-25.7	0.2	-159.9	6.1	84.0	0.6
	Wk-6361	Unidentified	1.8	M	17	60.03-69.27	-186.2	12.3	-26.2	0.2	-184.3	15.0	81.6	1.5
	Beta-5800	Unidentified		K14	5	17-18								
	Beta-2471	Unidentified		K14	2	9-10								
Jiyer Cave	Beta-13173	Unidentified		G12	3	8-10								
	Beta-13175	Unidentified		H18	4	17-18								

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 2: Advanced Determination Data

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Jiyer Cave	SUA-2243	Unidentified		H18	5	21-26								
	Beta-5801	Unidentified		K14	10	42-47								
	SUA-2244	Unidentified		G11	6	25-30								
	SUA-2241	Unidentified		G12	12	46-50								
	SUA-2242	Unidentified		H18	13	61-66								
	Beta-9136	Unidentified		G12	15	61-66								
	SUA-2240	Unidentified		G12	28-29	133-142								
	Beta-13174	Unidentified		G12	24-27	110-133								
	GX-3667/8	Unidentified		C11		15-25								
	Beta-19424	<i>Anadara trapezia</i>	50	C6	1	0								
	W-999	NA					16-20	NA	NA	NA	NA	NA	NA	NA
	Beta-33931	Unidentified	1.3	a	3	8-14								
	Beta-35210	Unidentified		b	3	6-10								
	GX-3666	Unidentified		F11		40-45								
	OZA-828U	NA												
AA-9221	NA													
Kenniff Cave	GaK-522	Unidentified		B/1	6	38-43								
	NPL-32	Unidentified		1960-2	SU5	61-71								
	NPL-65	Unidentified		1960-2	SU6A	76-84								
	GaK-523	Unidentified		B/4	b	109-117								
	GaK-525	Unidentified		A/1	18	137-145								
	NPL-66	Unidentified		1960-2	SU8	122-130								
	GaK-524	Unidentified		B/4	e	132-137								
	GaK-527	Unidentified		C/4-5	y	320-328								
	GaK-645	Unidentified		C/24	y	312-320								
	GaK-646	Unidentified		B/4	h	157-163								
	ANU-348	Unidentified		C		236-264								
	ANU-342	Unidentified		1960-2		170-173								
	NPL-67	Unidentified		1960-2	SU10-11	170-173								
	NPL-33	Unidentified		1960-2		178-203								
	GaK-526	Unidentified		C/5	w	272-282								
ANU-347	Unidentified		C		236-249									
ANU-346	Unidentified		C		206-224									
ANU-343	Unidentified		1960-2		198-208									
ANU-344	Unidentified		1960-2		206-216									
NPL-68	Unidentified		1960-2	SU13A	226-234									
ANU-345	Unidentified		1960-2		262-287									
ANU-2118	Unidentified		Section 4	SU2A	9									
ANU-1852	Unidentified		Section 1	SU3	27									
ANU-2090	Unidentified		Section 2	SU5	35									
Beta-30402	Unidentified	5.1	J12	8	81-93									
Beta-25510	Unidentified	8.18	J10b	7	87-107									
OZB-781	Unidentified		H4											

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Kookaburra Rock	OZB-780	Unidentified		H4										
Kwamter Mound	I-1737	Unidentified												
	ANU-8021	<i>Anadara granosa</i>				0			-2.0	0.1				
	ANU-8022	<i>Anadara granosa</i>				40			-2.3	0.1				
	SUA-147	Unidentified			2	35								
	I-1738	Unidentified												
	ANU-8027	<i>Anadara granosa</i>				200			-0.8	0.1				
	SUA-148	Unidentified			13	150								
	ANU-8030	<i>Anadara granosa</i>				300			-1.1	0.1				
	ANU-8028	<i>Anadara granosa</i>				230			-1.4	0.1				
	ANU-8029	<i>Anadara granosa</i>				270			-1.7	0.1				
	ANU-8026	<i>Anadara granosa</i>				170			-1.8	0.1				
	ANU-8024	<i>Anadara granosa</i>				100			-1.6	0.1				
	ANU-8025	<i>Anadara granosa</i>				140			-1.6	0.1				
	ANU-8023	Unidentified				70			-1.8	0.1				
	SUA-149	Unidentified				20	295							
	Beta-61793	Unidentified		18.9	J9	8	23							
	Beta-61792	Unidentified		8.75	J9	2	2.5							
	Beta-61794	Unidentified		17.5	J12	5	13							
	Beta-11592	Unidentified			J9	15								
	Beta-11591	Unidentified			J12	13								
Beta-128767	<i>Anadara trapezia</i>		70						1.0e					
Beta-33933	Unidentified			1	4									
Beta-34206	Unidentified			2	2									
Beta-7640	Unidentified		40	G9	4	20								
SUA-1658	<i>Saccostrea cucullata</i>					90-100								
SUA-1657	<i>Saccostrea cucullata</i>					150								
Beta-1945	<i>Donax deltoides</i>		116	F4		0-7							102.1	0.7
ANU-3025	Unidentified			LB/A		50-52			-24.0	2			98.3	0.9
Beta-26902	<i>Pandanus</i> sp.					50-60			-27.5					
OZB-801	Unidentified			D28	1									
WK-3993	Unidentified			D28	5									
WK-3994	Unidentified			D28	9									
SUA-2291	<i>Velesunio</i> sp.			BL30	7									
SUA-2289	<i>Velesunio</i> sp.			BJ29	5									
SUA-2290	<i>Velesunio</i> sp.			BJ29	8									
SUA-2288	<i>Velesunio</i> sp.			BJ29	5									
SUA-2877	Unidentified			R3c	4	11.5-12.5								
SUA-2878	Unidentified			R3c	6	20.5-22.5								
SUA-2876	Unidentified			R2b	10	32-38								
SUA-1915	Unidentified			Oa		21-25								
Beta-6924	Unidentified			Ob		34-42								
SUA-2503	Unidentified													

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Maroochy River 2	Beta-27085	Anadara trapezia	40	A	6	25-30								
Maroochy River 4	Beta-27087	Mixed shell (see notes)	20	A	5	23-28								
	Beta-27086	Anadara trapezia	40	C	7	27-29								
Mazie Bay	ANU-2488	Crassostrea amasa		A1	1	5-10			2.6e	0.4e	-79.6	5.5		
	ANU-2489	Crassostrea amasa		A1	2	15-20			2.6e	0.4e	-172.6	5.2		
	SUA-2181	Crassostrea amasa		A1	B3/CS	60-65			1e	1e	-349.2	5.9		
	Beta-1243	Crassostrea amasa		A1	3	55-60	-316.4	5.5						
	SUA-2184	Crassostrea amasa			B7/CS	95-100			1e	1e				
	SUA-2182	Crassostrea amasa			B3/CS	95-100			1e	1e				
	Beta-1245	Crassostrea amasa		A5	6	165-170	-363.6	6.7			-394.1	6.9		
	SUA-2183	Crassostrea amasa			B3/CS	125-135			1e	1e				
	ANU-2393	Crassostrea amasa		A5	9A	240-250	-369.4	7.0	2.6	0.2	-404.2	6.7		
	Beta-1244	Crassostrea amasa		A1	5	125-130	-376.5	5.8			-406.4	6.1		
	Beta-1246	Crassostrea amasa		A5	7	180-190	-376.5	5.8			-406.4	6.1		
	NZA-456	Unidentified			A5	350			-26.01		-412.57	6.86	58.5	0.7
Mickey Springs 31	Beta-29290	Unidentified				28-32								
Mickey Springs 33	Beta-23751	Unidentified												
Mickey Springs 34	Beta-7454	Unidentified		G9c	5	10.5-14.5								
	Beta-11734	Unidentified		D11a	6	23-25								
	SUA-2252	Unidentified		D11d	15	48-52								
	Beta-4225	Unidentified		G9b	7	40-50								
	Beta-7453	Unidentified		G9b	9	55-58								
	SUA-2248	Unidentified		D11d	24	84-92								
Midden in Ridge 4	ANU-2329	Unidentified												
Midden in Ridge 5	ANU-2461	Unidentified												
	Beta-1756	Unidentified												
Middle Island Sandblow Site	Wk-7679	Donax deltooides	35.0	A	1	0	-66.5	4.8	1.1	0.2	-115.2	5.5	88.5	0.6
Minner Dint	I-11095	Unidentified		B	SUB2									
Mitchell River Cave	Wk-1717	Unidentified		3	2	1.4-5.1			-25.6					
	Wk-1718	Unidentified		3	4	8.2-12.6			-24.6					
	Beta-54129	Unidentified												
	NZA-1556	Unidentified		3	17	67.8-71.4			-23.6					
Monkey Beach	Beta-4228	Crassostrea amasa		A		0-5	12.0	7.0	1.0e	2e	-40.6	7.8		
Monkey Point	Beta-4229	Crassostrea amasa		A		35-40	26.0	7.0	1.0e	2e	-27.4	7.8		
Moon Point	Beta-2609	Anadara trapezia				1100-1500								
Mordor Cave	Beta-46318	Unidentified		H10	28	114			-28.2					
	Beta-46317	Unidentified		H10	25	84.7			-27.6					
	Beta-46090	Unidentified		E18	7	20			-28.4					
Mort Creek Site Complex	Wk-7458	Unidentified	2.4	C	6	22	-219.7	6.4	-26.5	0.2	-217.5	7.8	78.3	0.8
	Wk-6987	Anadara trapezia	45.9	C	7	25	-208.2	3.9	-1.5	0.2	-245.3	4.6	75.5	0.5
	Wk-7836	Anadara trapezia	39.2	C	6	22	-213.3	4.1	-1.4	0.2	-250.4	4.8	75.0	0.5
	Wk-3942	Anadara trapezia	79.6	White Patch	4	12.82-18.42	-222.3	5.7	0.6	0.2	-262.2	6.6	73.8	0.7
	Wk-3943	Anadara trapezia	74.8	White Patch	10	37.62-44.82	-235.9	4.4	-0.5	0.2	-273.4	5.1	72.7	0.5

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Mort Creek Site Complex	Wk-3941	Anadara trapezia	71.3	Granites	11	45.5-52.1	-246.4	4.5	-0.2	0.2	-283.8	5.3	71.6	0.5
	Wk-3938	Anadara trapezia	81.2	A7	9	32.44-37.04	-249.3	4.3	0.1	0.2	-286.9	5.0	71.3	0.5
	Wk-5602	Anadara trapezia	47.3	A7	4	18.04-20.24	-264.7	3.7	-0.3	0.2	-301.0	4.3	69.9	0.4
	Wk-3937	Anadara trapezia	75.2	A7	6	22.64-26.74	-269.3	4.0	0.1	0.2	-305.9	4.7	69.4	0.5
	Wk-3940	Mixed shell (see notes)	66.7	Granites	11	45.5-52.1	-296.9	4.4	0.7	0.2	-333.1	5.1	66.7	0.5
	Wk-6988	Anadara trapezia	8.3	C	18	60	-310.1	6.2	-1.1	0.2	-343.1	7.1	65.7	0.7
	Wk-6986	Anadara trapezia	6.0	B	19-20	65	-315.3	9.8	-1.6	0.2	-347.3	11.3	65.3	1.1
	Beta-1757	Unidentified												
Mt Roundback	GX-3670	Unidentified		E6		10-15								
	GX-3669	Unidentified		E6		25-30								
Mulgrave River 1	SUA-2286	Unidentified		X1	14-15	71-81								
	SUA-2285	Unidentified		X1	10	51-56								
	SUA-2281	Unidentified		E13	3	12								
	Beta-9137	Unidentified		F9	6	25-30								
Mulgrave River 2	SUA-2282	Unidentified		H14	8	36								
	SUA-2283	Unidentified		H14	11	48-50								
	SUA-2284	Unidentified		H14	13	60-65								
	OZB-758	Unidentified		H14										
Mungana Site Rock Art	OZB-783	Unidentified											86.11	4.69
	Beta-11593	Unidentified		K14	5	40							65.93	2.81
Murderers Bore Rockshelter	Beta-47631	Unidentified		1991	10	33-37								
	Beta-48518	Unidentified		1991	20	70.5-73.5								
Mushroom Rock East	W-1344	NA				72	NA	NA	NA	NA	NA	NA	NA	NA
	W-1345	NA				122	NA	NA	NA	NA	NA	NA	NA	NA
	I-1736	Unidentified	10	Area F		63.5-73.5								
	Beta-50725	Unidentified			32	120-124								
	I-1735	Unidentified	6.2	Area F		183-193								
	W-1425	NA				75	NA	NA	NA	NA	NA	NA	NA	NA
	W-1426	NA				140	NA	NA	NA	NA	NA	NA	NA	NA
	W-1346	NA				230	NA	NA	NA	NA	NA	NA	NA	NA
	W-1347	NA				296	NA	NA	NA	NA	NA	NA	NA	NA
	W-1348	NA				380	NA	NA	NA	NA	NA	NA	NA	NA
Naghi Beach	ANU-3026	Unidentified		NB/A		65-67								
	Beta-31741	Unidentified		G50	13	15								
Nara Inlet 1	Beta-28188	Unidentified		G50	28	46-49								
	Beta-31742	Unidentified		H50	35	63-66								
	Beta-27835	Unidentified		H50	45	96								
	Beta-45186	Unidentified		G3	31	79.1-83.1								
Nara Inlet Art Site	ANU-2002	Unidentified		C4	SU3	17.5-22.5								
	ANU-2176	Unidentified		C2	6, SUE3	53.5-58.5								
	ANU-2003	Unidentified		B5	SU4A	44-54								
	ANU-2001	Unidentified		B5	SU5	90-100								
	ANU-2034	Unidentified		C0-C1	14, SUE4	135-145								

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Native Well 2	ANU-2117	Unidentified			5, SU3C	41-51								
	ANU-2091	Unidentified		L7	10, SU4	87-97								
	ANU-2035	Unidentified		L7-M7	18, SU5	168-178								
NE Moreton Island 1	Beta-24473	Unidentified												
NE Moreton Island 5	Beta-24470	Unidentified												
NE Moreton Island 16	Beta-24471	Unidentified												
NE Moreton Island 21A	Beta-24472	Unidentified												
NE Moreton Island 27	Beta-24474	Unidentified												
New Brisbane Airport	SUA-2179	Unidentified		L3/320	19	81			-25e	2e				
	Beta-23345	Unidentified	30	L3/219	18	100			-25e					
	Beta-33342	Unidentified	4.8						-25e					
	Wk-5792	Unidentified				0								
	Wk-5780	Unidentified				0								
Ngarrabulgan Cave	Wk-5789	Unidentified				0								
	Wk-5783	Unidentified				0								
	Wk-5794	Unidentified				0								
	OZB-086	Unidentified			SU1	0								
	Wk-5787	Unidentified				0								
	Wk-5786	Unidentified				0								
	Wk-5784	Unidentified				0								
	Wk-5790	Unidentified				0								
	Wk-5785	Unidentified				0								
	Wk-5788	Unidentified				0								
	Wk-5781	Unidentified				0								
	OZB-085	Unidentified			SU2a	10.4								
	Wk-5793	Unidentified				0								
	Wk-5791	Unidentified				0								
	Wk-5782	Unidentified				0								
	OZB-090	Unidentified				0								
	Beta-47515	Unidentified			SU2	22								
	OZB-057	Unidentified		M25	4a/SU2j	11.3				-25.4				
	Beta-47113	Unidentified			SU3c	27.2								
	OZB-584	Unidentified		M25	7/SU3a	19.3				-24.2				
ANUA-9312	Unidentified			SU3c	32.6									
OZB-311	Unidentified			8/SU3										
OZB-671	Unidentified			SU3c	29.4									
ANUA-9307	Unidentified			SU3a	23.7									
OZB-088	Unidentified			8/SU3										
OZB-585	Unidentified			SU3a	24.5									
OZB-082	Unidentified			SU3c	32.8									
OZB-310	Unidentified			SU3c	35.6									
ANUA-9309	Unidentified			SU3c	29									
OZB-059	Unidentified			8/SU3										
				SU3b	23.2									

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Ngarrabullgan Cave	OZB-583	Unidentified			SU3d	31								
	OZB-087	Unidentified			SU3a	17.5								
	OZB-179	Unidentified			SU3a	29.5								
	OZB-309	Unidentified			SU3c	29.2								
	OZB-520	Unidentified			SU3c	31.7								
	ANUA-8805	Unidentified			8/SU3									
	OZB-089	Unidentified			SU3a	21.6								
	ANUA-9314	Unidentified			8/SU3									
	OZB-519	Unidentified			SU3c	31.9								
	ANUA-9315	Unidentified			8/SU3									
	ANUA-9313	Unidentified			8/SU3									
	ANUA-9308	Unidentified			8/SU3									
	ANUod122a-M	NA			SU3c+3e	26.6-28.9	NA	NA	NA	NA	NA	NA	NA	NA
	OZB-313	Unidentified			SU3a	27.5								
	ANUA-8804	Unidentified			8/SU3									
	ANUA-9310	Unidentified			8/SU3									
	ANUA-9316	Unidentified			8/SU3									
	OZB-312	Unidentified			SU3a	27.1								
	ANUod122a-S	NA			SU3c+3e	26.6-28.9	NA	NA	NA	NA	NA	NA	NA	NA
	ANUA-8803	Unidentified			8/SU3									
ANUA-8807	Unidentified			8/SU3										
ANUA-8806	Unidentified			8/SU3										
OZC-733	Unidentified													
Beta-47849	Unidentified			M25	30.5-34				-24.7					
Beta-45906	Unidentified			M25	30.8				-24.8					
Wk-6190	Unidentified													
Wk-6792	Unidentified			E7										
ANU-3336	<i>Donax deltooides</i>								1.2	0.4	-56.71	6.31		
ANU-3337	<i>Donax deltooides</i>								0.3	0.4	-54.63	6.50		
ANU-3338	<i>Donax deltooides</i>								0.3	0.4	-49.50	4.96		
Beta-28748	<i>Anadara granosa</i>		29	I	6	23								
Beta-3073	Unidentified		10			56-59			-25e					
Wk-6183	Unidentified													
Wk-6184	Unidentified													
Wk-6990	<i>Anadara trapezia</i>		13.9	F	6	25	-27.8	6.3	-0.4	0.2	-75.6	7.3	92.4	0.7
Wk-7837	<i>Anadara trapezia</i>		35.6	A	9	14.32-18.64	-34.3	5.2	-1.1	0.2	-80.5	6.1	92.0	0.6
Wk-6993	Unidentified		1.2	H	8	26	-86.8	12.2	-26.8	0.2	-83.5	15.0	91.7	1.5
Wk-6991	<i>Anadara trapezia</i>		34.9	G	8	31	-38.9	5.1	0.5	0.2	-87.8	5.9	91.2	0.6
Wk-6992	<i>Anadara trapezia</i>		7.2	H	8	26	-47.2	7.4	-0.3	0.2	-94.3	8.6	90.6	0.9
Wk-6989	<i>Anadara trapezia</i>		5.4	E	7	25	-55.0	12.1	-0.1	0.2	-102.1	14.0	89.8	1.4
PCB 13	Unidentified													
ANU-2459	Unidentified													
ANU-2457	Unidentified													
Beta-2462	Unidentified													

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
PCB 141	Beta-1735	Unidentified												
	Beta-1752	Unidentified												
Pillar Cave	Beta-13229	Unidentified				8								
	Beta-13231	Unidentified		M15-Q1	C									
	Beta-13230	Unidentified		H13-Q1	S1									
Platform Gallery Rockshelter	ANU-14	Unidentified				320								
Platypus Rockshelter	Beta-3076	Unidentified	8		X	10-15			-25e					
	I-11094	Unidentified			2	8								
	Beta-3075	Unidentified	10		3	18			-25e					
	SUA-1502	Unidentified	4.75		4	33								
	Beta-3074	Unidentified	10		5	56			-25e					
Polka Point	V-22	Unidentified			SU4	30.5			-25e	2e				
	Beta-28487	Unidentified												
	Beta-28488	Unidentified												
	Beta-24540	Unidentified												
Quinine Bush Shelter	Wk-6188	Unidentified												
	Wk-6799	Unidentified												
Quinkan B6 Rockshelter Rock Art	OZA-409	Unidentified												
	OZA-821U	NA												
	AA-9222	NA												
Quippenburra Cave	Beta-23752	Unidentified		15-2d	6	18-24								
	Beta-17848	Unidentified		15-2d	14	47-61								
Racecourse Site Rock Art	NZA-2738	Unidentified												
Rainbow Cave	ANU-1521	Unidentified		14N-1W		40			-24.9					
Rainbow Cave 2	ANU-2119	Unidentified												
Red Beach	Beta-4233	Crassostrea amasa		G Extension		35-40	-62.7	8.2	1.0e	2e	-111.4	8.6		
	Beta-4234	Crassostrea amasa		Extension 1		35-40	-70.8	7.0	1.0e	2e	-119.1	7.6		
Red Bluff 1	Beta-33930	Unidentified		P4d	5	20								
	SUA-2891	Unidentified		P4b,c,d	27	94.5-99.5								
Red Horse	Beta-60541	Unidentified		M6a	12	47								
	Beta-60726	Unidentified		M6a	19	71								
	Beta-40084	Unidentified		M6a	32	140								
Red Island Point	ANU-1365	Unidentified				35-40								
Red Lady Rock Art	OZA-411	NA												
Road Cave 1	Wk-4883	Unidentified	17.4	B	6	7-8	-124.0	4.9	-26.3	0.2	-121.7	6.0	87.8	0.6
	Wk-4884	Unidentified	4.0	A	12	28-32	-137.4	5.5	-25.6	0.2	-136.5	6.7	86.4	0.7
	Wk-4882	Unidentified	17.2	B	10	13-14	-141.1	4.3	-25.4	0.2	-140.5	5.3	86.0	0.5
	Wk-4637	Unidentified	15.8	B	16	27-32	-300.0	3.8	-25.5	0.2	-299.4	4.7	70.1	0.5
Roof Fall Cave	Wk-5596	Unidentified	1.6	A	6	11.7	0.0	12.1	-26.4	0.2	2.8	14.8	100.3	1.5
	Wk-5597	Unidentified	2.7	A	10	14.5-15.5	-73.9	6.8	-25.3	0.2	-73.4	8.3	92.7	0.8
	Wk-5598	Unidentified	2.6	A	12	17-19.5	-85.7	7.7	-25.4	0.2	-85.1	9.4	91.5	0.9
	Wk-8318	Unidentified	2.5	E	7	20	-114.3	6.7	-25.9	0.2	-112.6	8.2	88.7	0.8
	Wk-5599	Unidentified	1.5	A	20	28-30	-378.2	9.3	-27.7	0.2	-374.8	11.3	62.5	1.1

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 2: Advanced Determination Data

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Roof Fall Cave	Wk-8319	Unidentified	1.9	E	13	35.9-36.9	-501.7	6.0	-26.5	0.2	-500.2	7.3	50.0	0.7
	Wk-8559	Unidentified	1.7	E	18	46.88	-540.5	6.5	-25.7	0.2	-539.9	7.9	46.0	0.8
	Wk-5600	Unidentified	2.5	A	27	43.5-46	-584.1	4.7	-27.1	0.2	-582.4	5.7	41.8	0.6
	Wk-6218	Unidentified	1.4	A	31	55.16	-616.0	7.9	-25.2	0.2	-615.9	9.6	38.4	1.0
	Wk-7690	Unidentified	1.5	E	22	53.22-55.34	-818.7	4.8	-25.4	0.2	-818.6	5.9	18.1	0.6
	Wk-5216	Unidentified	1.3	A	36	69.74	-858.8	5.3	-25.1	0.2	-858.7	6.4	14.1	0.6
	Beta-13481	Unidentified	6.4			50-55			-27.09					
	Wk-3424	Unidentified		TP3	4	15-20			-25.3		-31.2	6.5	96.9	0.7
	Wk-3423	Unidentified		TP2	22	80-85			-26.3		-109.5	6.5	89.1	0.6
	Beta-15808	Unidentified	12	7	11	23-25			-25e				103.2	0.8
Sandstone Point	Beta-15806/A	Unidentified	14.4	4	6-7	10-15			-25e					
	Beta-15806/B	Unidentified		4	6-7	10-15			-25e					
	Beta-18885	Unidentified							-25e					
	SUA-2358	Unidentified		1	24	60-62								
	SUA-478	Unidentified		42/G	3									
	SUA-2357	Unidentified		1	32	87-90								
	Beta-15809	Unidentified	5.72	7	21-23	49-57			-25e					
	SUA-479	Unidentified		42/G	3b									
	Beta-16837	Unidentified		4	8-9	15-20								
	Beta-15805	Unidentified	5.48	2	15-20	40-58			-25e					
Sandy Creek 1	Beta-15807	Unidentified	2.33	4	15-18	31-40			-25e					
	Beta-16838	Unidentified		5	9	18-23			-25e					
	Beta-15810/A	Unidentified	19.7	5	10-11	23-33			-25e					
	Beta-15810/B	Unidentified		5	10-11	23-33			-25e					
	Beta-33934	Unidentified		S7b	15	50.5-53.5								
	SUA-2887	Unidentified		S7c	18	61-65								
	Beta-33935	Unidentified		S7c	28	98-100								
	NZA-1515	Unidentified	0.6	S7b	42	170								
	SUA-2886	Unidentified		S7b	38	142-148								
	Beta-51089	Unidentified		P7d	55	162								
Sandy Creek 1 Rock Art	SUA-2870	Unidentified		S7b	49	224.5-229.5								
	AA-7685	Unidentified												
	NZA-1206	NA												
	OZA-405	NA												
	Beta-52714	Unidentified		E5d	9	21.5-25.5								
	Beta-44933	Unidentified		E5c	15	50								
	Beta-44934	Unidentified		E5d	25	103								
	W-1212	NA				40	NA	NA	NA	NA	NA	NA	NA	NA
	W-1211	NA				70	NA	NA	NA	NA	NA	NA	NA	NA
	W-1210	NA				100	NA	NA	NA	NA	NA	NA	NA	NA
Sandy Creek 2 Rock Art	W-1209	NA				130	NA	NA	NA	NA	NA	NA	NA	NA
	AA-7723	Unidentified												
NZA-2559	Unidentified													

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±	
Scraggy Point	Beta-2472	Unidentified	3.6	L15	SU3	30-40									
	SUA-1659	Saccostrea sp.		L15	SU2	20-25									
	Beta-2473	Unidentified	11.1	L15	SU1-2	15-20									
Seary-Broutha Site	Beta-19423	<i>Donax deltoides</i>	60	A	3	4-6							100.5	0.9	
	Unknown	NA					NA	NA	NA	NA	NA	NA	NA	NA	
Selwyn Ranges 1	Unknown	NA					NA	NA	NA	NA	NA	NA	NA	NA	
Selwyn Ranges 2	NZA-12272	Unidentified	<0.1	A	4	6.78-10.4	-146.4	8.5	-26.0	0.2	-144.7	8.5	85.5	0.9	
	NZA-12117	Unidentified	<0.1	A	13	38.96-43.64	-354.2	4.5	-25.7	0.2	-353.3	4.5	64.7	0.5	
	Wk-8324	<i>Anadara trapezia</i>	17.5	A	4	7.14	-323.6	5.5	-0.9	0.2	-356.2	6.4	64.4	0.6	
	NZA-12273	Unidentified	0.1	A	20	67.84-71.46	-356.6	4.6	-23.4	0.2	-358.7	4.6	64.1	0.5	
	Wk-8326	<i>Anadara trapezia</i>	19.5	A	13	40.44	-329.8	4.9	-0.8	0.2	-362.3	5.7	63.8	0.6	
	NZA-12118	Unidentified	0.2	A	26	88.68-92.18	-369.0	4.4	-27.8	0.2	-365.5	4.4	63.4	0.4	
	Wk-8328	<i>Anadara trapezia</i>	33	A	26	88.24	-340.3	3.8	-0.5	0.2	-372.7	4.4	62.7	0.4	
	Wk-8327	<i>Anadara trapezia</i>	40.7	A	20	67.84	-344.2	3.8	-1.2	0.2	-375.4	4.4	62.5	0.4	
	Shelly Beach	GaK-1109	Unidentified												
	South Mound	ANU-3383	Unidentified				56.5								
		ANU-3380	Unidentified				83.5								
		ANU-3040	Unidentified				56.5								
		ANU-3039	Unidentified				63.5								
ANU-3058		Unidentified				83.5									
ANU-3382		Unidentified				63.5									
ANU-3062		Unidentified				73.5									
ANU-3384		Unidentified				13.5									
ANU-3051		Unidentified				28.5									
Beta-1755		Unidentified				3.5									
ANU-3381		Unidentified				73.5									
ANU-3063		Unidentified				48.5									
ANU-3064		Unidentified				40									
ANU-3057		Unidentified				129.5									
ANU-3061		Unidentified				94.5									
ANU-3050		Unidentified				115.5									
ANU-3054		Unidentified				170									
ANU-3060		Unidentified				103									
ANU-3055		Unidentified				161.5									
ANU-3059		Unidentified				107.5									
ANU-3049	Unidentified				136.5										
ANU-3056	Unidentified				155										
ANU-3052	Unidentified				197.5										
ANU-3053	Unidentified				189.5										
Beta-1754	Unidentified				235										
Beta-1764	Unidentified														
ANU-3378	Unidentified				123.5										
ANU-3038	Unidentified				123.5										

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Spitfire Creek	SUA-2082	<i>Donax deltooides</i>												
	SUA-2081	<i>Donax deltooides</i>												
Split Rock Rock Art	OZB-349	NA												
	ANU-3339	<i>Crassostrea amasa</i>				100			2.1	0.4	-33.90	6.14		
Spur Bay East	Beta-64374	Unidentified			8									
	Beta-93961	Unidentified			10									
St Bees Island Rockshelter	Unknown	Unidentified				30								
St Helena Island	Beta-6140	<i>Saccostrea commercialis</i>	80	1	9	18.5-21.5			1					
	Beta-6141	<i>Saccostrea commercialis</i>	80	1	13	33-36			1					
St Pauls Beach Midden	Beta-13482	Unidentified				12			-25.66					
Stockyard Point	Beta-4235	<i>Crassostrea amasa</i>		A	4	15-20	-83.5	5.7	1.0e	2e	-131.1	6.5		
Taigai Skull	R2526/13	NA												
	R2040/4	NA												
	R2526/17	NA												
	R2526/21	NA												
	R2618/1	NA												
	R2526/25	NA												
	R2526/33	NA												
	R2040/5	NA												
	R2618/2	NA												
Teewah Beach 5D	R2526/29	NA												
	Beta-19422	<i>Donax deltooides</i>	47	E1	12	35-37							100.1	0.9
	Beta-30401	Unidentified	5.2	H15-4	3	146-150								
	Beta-25511	Unidentified	6.04	H16-3&-4		173-177								
	Beta-30399	Unidentified	7.2	I16-3+-4&H16-1	19-20, 19-20	181-185								
	Beta-30400	Unidentified	3.27	H16-1+-2&I16-3	23, 23, 24	190-195								
	Beta-25512	Unidentified	8.3	H16-3	27-28, 28, 26	190-195								
	NPL-30	Unidentified		2	27	199-206								
	NPL-31	Unidentified		2	SU2	56-64								
	NPL-64	Unidentified		2	SU3B	96-107								
The Tombs Rockshelter	ANU-003	Unidentified		2	SU5	206-214								
	Beta-19421	Mixed shell (see notes)	56	A	7	18-21								
	Wk-7681	Unidentified	11.4	D	3	3.9	-9.6	4.8	-27.2	0.2	-5.1	5.9	99.5	0.6
	Wk-7686	Unidentified	12.6	S	8	20.52-23.96	-65.1	3.9	-25.3	0.2	-64.5	4.8	93.5	0.5
	Wk-7682	<i>Anadara trapezia</i>	19.7	D	3	3.3	-28.1	4.9	-1.2	0.2	-74.4	5.7	92.6	0.6
	Wk-7838	<i>Anadara trapezia</i>	42.9	S	8	20.52-23.96	-29.1	5.3	-0.9	0.2	-75.9	6.1	92.4	0.6
	Wk-7684	Unidentified	3.2	D	17	55.7-59.5	-106.8	6.6	-26.8	0.2	-103.7	8.1	89.6	0.8
	Wk-7683	<i>Anadara trapezia</i>	26.7	D	15	50	-66.2	4.5	-1.2	0.2	-110.6	5.2	88.9	0.5
	Wk-7685	Unidentified	3.3	D	18	59.5-64	-133.5	6.4	-27.5	0.2	-129.2	7.8	87.1	0.8
	Beta-32049	Unidentified		3		56								
Toulkerrie	Beta-32796	Unidentified		2		25								
	I-11096	Unidentified	20	G50/16C										
	Beta-32048	Unidentified		2		72								

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Toulkerrie	Beta-32047	Unidentified		1		70								
Townsville Common	GaK-7225	Unidentified				70								
Tunnel Shelter	Wk-6185	Unidentified												
	Wk-6798	Unidentified												
	Wk-6031	Unidentified												
Turtle Rock	ANU-2120	Unidentified	TI		SU3									
	ANU-2202	Unidentified	TI		SU6									
Turtle Rock Rockshelter	Beta-2475	Unidentified	H12		SU1-2	16-31								
	Beta-2476	Unidentified	K15		SU2-3	15-22								
	Beta-2474	Unidentified	K14-K15		SU3	25-35								
	SUA-1656	Unidentified	M15		SU2	15-20								
Walaemini Rockshelter	ANU-3041b	<i>Anadara granosa</i>												
Walkunder Arch Cave	Beta-4330	Unidentified			SU1									
	Beta-44284	Unidentified												
	Beta-34482	Unidentified												
	Beta-54020	Unidentified												
	Beta-54019	Unidentified												
	Beta-54021	Unidentified												
	Beta-26657	Unidentified												
	Beta-54022	Unidentified												
	Beta-2478	Unidentified		D12	SU3	13-18								
	Beta-4329	Unidentified			SU4									
	Beta-54018	Unidentified												
	Beta-44282	Unidentified												
	Beta-44283	Unidentified												
	NZA-2322	Unidentified												
	Beta-54023	Unidentified												
	NZA-2321	Unidentified												
	Beta-34483	Unidentified												
	Beta-44281	Unidentified												
	Beta-38571	Unidentified												
	Beta-57315	Unidentified												
	Beta-44280	Unidentified												
	Beta-26658	Unidentified												
	Beta-4328	Unidentified			SU7									
	Beta-57313	Unidentified												
	Beta-2477	Unidentified		D12	SU5	28-31								
	Beta-57314	Unidentified												
	Beta-4327	Unidentified			SU7-8									
	Beta-26656	Unidentified												
	Beta-38570	Unidentified												
	Beta-6791	Unidentified												
	Beta-4324	Unidentified			SU9									

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Walkunder Arch Cave	Beta-6787	Unidentified												
	Beta-6789	Unidentified												
	Beta-6790	Unidentified												
	Beta-6788	Unidentified												
	Beta-4326	Unidentified			SU8									
	Beta-17358	Unidentified												
	Beta-4323	Unidentified			SU10									
	Beta-4325	Unidentified			SU9									
	OZA-399	NA	0.0215											
	OZA-398	NA	0.0171											
Walkunder Arch Cave Rock Art	AA-9220	NA												
	NZA-2574	NA												
	OZA-397	NA	0.0331											
	OZA-396	NA	0.0184											
	OZA-395	NA	0.0177											
	OZA-394	NA	0.0195											
	OZA-393	NA	0.0179											
	OZA-392	NA	0.0105											
	OZA-391	NA	0.0102											
	OZA-390	NA	0.0118											
	SUA-2461	Unidentified		ZH	7	22-25								
	SUA-2465	Unidentified		ZH	12	33-37								
	SUA-2236	Unidentified		M28A	17-18	49-56								
	SUA-2462	Unidentified		ZD	19	58-61								
	SUA-2466	Unidentified		ZC	23	69-71								
OxA-808	Unidentified		ZD	59										
SUA-2343	Unidentified		ZC	32	97-100									
OxA-809	Unidentified		ZD	63										
OxA-810	Unidentified		ZD	70										
SUA-2467	Unidentified		ZD	38	114-118									
SUA-2251	Unidentified		M29A	44	136-141									
SUA-2344R	Unidentified		XV	75	301-310									
SUA-2463	Unidentified		X(U+V)	43	138-143									
OxA-1011	Unidentified		XV	75										
SUA-2342	Unidentified		ZB	47	158-164									
SUA-2464	Unidentified		X/Z	50	175-179									
SUA-2235	Unidentified				189-200									
SUA-2341	Unidentified		XT	56	201-207									
OxA-807	Unidentified		ZK	56										
OxA-806	Unidentified		XT	56										
ANU-1539	Unidentified		3N-4E		5-10									
ANU-1522	Unidentified		3N-4E		35-40									
Beta-19425	Donax deltooides	53	A	3	5-8								100.1	0.8

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
Weipa 5	ANU-4412	Anadara granosa							-2.3					
Weipa 6	ANU-4414	Anadara granosa							-2.5					
Weipa 7	ANU-4413	Anadara granosa							-2.9					
Weipa 8	ANU-4415	Anadara granosa							-3.8					
Weipa 9	ANU-4416	Anadara granosa							-3.4					
Weipa 10	ANU-4417	Anadara granosa							-3.6					
Weipa 11	ANU-4418	Anadara granosa							-2.0					
Weipa 12	ANU-4419	Anadara granosa							-2.8					
Weipa 13	ANU-4420	Anadara granosa							-3.0					
Weipa 14	ANU-4421	Anadara granosa							-1.1					
Weipa 16	ANU-4423	Anadara granosa							-2.4					
Weipa 17	ANU-4424	Anadara granosa							-4.3					
Weipa 18	ANU-4425	Anadara granosa							-3.5					
Weipa 19	ANU-4426	Anadara granosa							-2.7					
Weipa 20	ANU-4427	Anadara granosa							-2.3					
Weipa 20A	ANU-4428	Anadara granosa							-4.3					
Weipa 21	ANU-4429	Anadara granosa							-3.4					
Weipa 23	ANU-4430	Anadara granosa							-2.3					
Weipa 24	ANU-4431	Anadara granosa							-2.3					
Weipa 25	ANU-4432	Anadara granosa							-3.3					
Weipa 26	ANU-4433	Anadara granosa							-3.8					
Weipa 27	ANU-4434	Anadara granosa							-3.4					
Weipa 28	ANU-4435	Anadara granosa							-3.5					
Weipa 29	ANU-4436	Anadara granosa							-2.7					
Weipa 30	ANU-4437	Anadara granosa							-3.9					
Weipa 31	ANU-4438	Anadara granosa							-3.7					
Weipa 32	ANU-4439	Anadara granosa							-3.8					
Weipa 33	ANU-4440	Anadara granosa							-5.2					
Weipa C14#4	ANU-4411	Anadara granosa							-2.4					
Weipa G10E	ANU-4441	Anadara granosa							-3.6					
Weipa Mound M3	ANU-8770	Anadara granosa												
Weipa Mound M34	ANU-8774	Anadara granosa												
Weipa Mound M37	ANU-8782	Anadara granosa												
Weipa Mound M39	ANU-8783	Anadara granosa												
Weipa Mound M39b	ANU-8784	Anadara granosa												
Weipa Mound M39b	ANU-8773	Anadara granosa												
Weipa Mound M39b	ANU-8772	Anadara granosa												
Weipa Mound M509	ANU-4410	Anadara granosa							-1.5					
Weipa Mound M509	ANU-4409	Anadara granosa							-2.0					
Weipa Mound M509	ANU-4408	Anadara granosa							-1.6					
Weipa Mound M509	ANU-8775a	Anadara granosa												
Weipa Mound M509	ANU-8785	Anadara granosa												
Weipa Mound M509	ANU-8775b	Unidentified												

SECTION 2: Advanced Determination Data

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Lab. Code	Species	Weight	Square	XU	Depth	d14C	±	d13C	±	D14C	±	%M	±
White Patch Site 3	SUA-480	Unidentified		C50b	SUb	0								
	SUA-481	Unidentified		C50d	Sud	25								
	SUA-2942	Unidentified			1				-19.9	0.1				
	Beta-33937	Unidentified	2.67		3	6-10								
Whites Bore III	Beta-3614	Unidentified	18			55-60								
	Beta-6934	<i>Anadara antiquata</i>				55-60			-4.3					
	Beta-6885	<i>Anadara antiquata</i>				55-60			-4.11					
Whites Bore IV	Beta-4226	<i>Crassostrea amasa</i>		A		0-15	-31.8	7.3	1.0e	2e	-82.2	7.9		
	Beta-4222	<i>Crassostrea amasa</i>		A		20-25	-83.5	5.7	1.0e	2e	-131.1	6.5		
	ANU-2495	<i>Crassostrea amasa</i>		A		20-25			2.6e	0.4e	-60.5	8.9		
Wreck Beach	SUA-1655	Unidentified				0-5								
	Beta-22119	Unidentified				25-30								
	Beta-22123	Unidentified				40-45								
Wreck Beach Extension 1	Beta-22120	Unidentified		T20		0-5								
	Beta-2469	Mixed shell (see notes)		M21		0-5								
	Beta-2470	Unidentified				0-10								
Wunjunga I/47	Beta-22122	Unidentified				0-5								
	Beta-22121	Unidentified				0-5								
	Beta-35291	Unidentified		J5c	6	25								
Wunjunga III/79	Beta-33938	Unidentified		L5d	15	82								
	OZB-348	NA												
	AA-7679	Unidentified												
Wunjunga III/81	AA-7719	Unidentified												
	NZA-1207	Unidentified	0.84	1	4	6.8			-22.99		0.9	14.1	99.6	1.4
	NZA-1208	Unidentified		1	17-18	33.2			-27.3		-412.9	9.1	58.4	0.9
Yam Camp	NZA-1575	Unidentified		1	21	38.6			-22.8		-532.5	5.3	46.5	0.5
	W-802	NA				20	NA	NA	NA	NA	NA	NA	NA	NA
	NZA-1227	Unidentified		1	35-37	76.4			-23.84		-635.7	12.1	36.3	1.2
Yam Camp Rock Art	NZA-670	Unidentified		1	87	224.1			-24.11		-797.4	5.7	20.2	0.6
	NZA-606	Unidentified		1	87	224.1			-23.98		-807.4	10.6	19.2	1.1
	NZA-1228	Unidentified		1	73-76	193.3			-24.3		-820.7	5.7	17.8	0.6
Youlain Springs	NZA-671	Unidentified	1.26	1	85	219.7			-23.86		-821.3	14	17.8	1.4

SECTION 3:

Notes on Individual Determinations

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 3: Notes on Individual Determinations

Site Name	Lab. Code	Notes 1	Notes 2
Alkaline Hill	ANU-3041a	Beaton (1985:7) reports with ORE correction as 3440±80	Beaton (1985:7) also reports ANU-3041 for Walaemini Rockshelter
Ararawai Beach Ridge II	Beta-24538	Ulm (1995:46) & Ulm & Hall (1996:60) report as charcoal sample	
Bayley Point Mound 3	Beta-61791	Robins et al. (1998:107) report with ORE correction as 440±70	
	Beta-28747	Robins et al. (1998:107) report with ORE correction as 550±70	
	Beta-37835	Robins et al. (1998:107) report with ORE correction as 850±80	
	Beta-26903	Robins et al. (1998:107) report with ORE correction as 1100±70	Non-CRA 1120±60 corrected using fractionation estimate of -1.0±1
Boonah Shelter	Beta-25205	Burke (1988:28) & Morwood (pers. comm., 1995) suggest date is anomalous	
	Beta-21276	Burke (1988:28) & Morwood (pers. comm., 1995) suggest date is anomalous	Burke (1988:28) reports as 1950
	Beta-27663	Burke (1988:28) & Morwood (pers. comm., 1995) suggest date is anomalous	
Booral Homestead Midden	Beta-38414	Small sample given 4 x normal counting time (Hall pers. comm., 2000)	0.27g carbon
Border Island 1	Beta-56976	Barker (1993:13) reports as 6400±60	
Broadbeach Burial Ground	V-161	Birmingham (1971) reports non-CRA as 50±80	Non-CRA 50±80 corrected using fractionation estimate of -25±2
	ANU-67/2	Haglund (1976:112) reports averaged date with ANU-67/3	
	ANU-67/3	Haglund (1976:112) reports averaged date with ANU-67/2	
	V-157	Birmingham (1971) reports non-CRA as 1110±85	Non-CRA 1110±85 corrected using fractionation estimate of -25±2
	V-162	Birmingham (1971) reports non-CRA as 1180±105	Non-CRA 1180±105 corrected using fractionation estimate of -25±2
	ANU-68/1	Haglund (1976:112) reports averaged date with ANU-67/2	
	ANU-68/2	Haglund (1976:112) reports averaged date with ANU-67/1	
	ANU-67/1	Haglund (1976:112) reports that date is erroneous due to equipment error	
Brown's Road	Beta-3077	Walters (1992c:36) reports as 1950±190	
Cathedral Cave	ANU-1763	Beaton (1977:101, 1991b:43) reports as 1700±60	
Chillagoe Site 62 Rock Art	OZB-586	David & Lourandos (1998) & David et al. (1999) report averaged date with OZB-765	
	OZB-765	David & Lourandos (1998) & David et al. (1999) report averaged date with OZB-586	
Chillagoe Site 75 Rock Art	OZB-782	David & Lourandos (1998) & David et al. (1999) report averaged date with OZB-587	
	OZB-587	David & Lourandos (1998) & David et al. (1999) report averaged date with OZB-782	
Clam Bay	Beta-4232	Rowland (1982b:45, 1992:129) reports as 780±70	
Colless Creek Cave	ANU-2331	Flood (1999:286) reports as 17350±420	
Courtyard Rock	OZB-776	David & Lourandos (1999:111) report a date of 2790±80 (no lab. code provided)	
Cribb Island	Beta-3226	Ward & Little (2000:103) report as 850±90	
Cuckadoo 1	ETH-6955	Alternative lab. code: Beta-38566	
Curlow Island Rockshelter	Beta-54204	Border (1994:202) reports as 2900	
Deighton Lady Rock Art	NZA-2575	Cole (1998) reports as NZA-2572	Cole (2000:75) reports as 2872
Dragonfly Hollow	OZC-069	David & Lourandos (1999:111) report a date of 4430±80 (no lab. code provided)	
Early Man Rockshelter	ANU-1564	David & Lourandos (1997:21) report as 4702±90	Rosenfeld et al. (1981:12) suggest date is anomalous
	ANU-1563	David & Lourandos (1997:22) report as ANU-1463	
	ANU-1566	Rosenfeld et al. (1981:12) report as very small sample	
	ANU-1565	Rosenfeld et al. (1981:12) report as 182000±450	
Echidna's Rest	ANU-4811	David (1990b:78) suggests date is anomalous	
	ANU-4809	David & Lourandos (1997:20) report as 7101±20	
	ANU-4815	David & Lourandos (1997:20) report as 7302±00	
Endaen Rockshelter	ANU-3379	Beaton (1985:6) reports with ORE correction as 2370±100	
Eurimbula Site 1	Wk-3946	Lilley et al. (1996) report as ±60	
Fern Cave	Beta-33921	David & Lourandos (1997:16) suggest date is non-cultural	

Site Name	Lab. Code	Notes 1	Notes 2
Fern Cave	Beta-34566	David (1991a:44) reports as ± 260	
First Ridge	Beta-1946	Hall (1982:91) & Walters (1992c:36) report as 1540 ± 80	Revised result after systematic displacement detected
Fraser Island 217/15	Beta-1698	Walters (1992c:36) reports as 1510 ± 190	
Fraser Island 799/54	Beta-1699	Walters (1992c:36) reports as 770 ± 150	
Grinding Groove Cave	NZA-7991	Alternative lab. Code: Wk-5671	
Gumu	Beta-21384	Ghaleb (1990) suggests date is anomalous	
Hope Island	Beta-20799	Small sample given 4 x normal counting time	
Initiation Cave	Wk-6026	d13C provided by David (pers. comm., 2000)	
Jivyer Cave	Beta-2471	Horsfall (1987:123) reports as 220 ± 80	
Kaponyee Springs II	Beta-33931	Small sample given 4 x normal counting time	
Kennedy River (Shelter B)	OZA-828U	Cole (2000:77) suggests date is non-cultural	
	AA-9221	Cole (2000:77) reports as 1160	
Kenniff Cave	GaK-645	Coventry et al. (1980:403) report as 10280 ± 180	
Ken's Cave	ANU-1852	Morwood (1978:26, 1979:117, 1981:8) reports as ANU-1853	
	ANU-2090	Morwood (1981:8) reports as 2000 ± 70	
Kookaburra Rock	OZB-780	David & Lourandos (1999:111) report a date of 2950 ± 80 (no lab. code provided)	
Kiwamter Mound	I-1738	Bailey (1977:135), Coventry et al. (1980:403) & Stone (1992:114) report as ± 65	
	SUA-148	Kelly (1982) reports as 1035 ± 80	
Kyeenee I	Beta-61793	Robins (1993) reports as ± 50	
Lake Numalla I	Beta-33933	Small sample given 4 x normal counting time	
Lake Toomaroo	Beta-7640	Robins (1995) reports as 174 ± 50	
Leefe Peak	SUA-1658	Campbell (1982b) reports as ± 100	
	SUA-1657	Campbell (1982b) reports as 2000 ± 90	
Little Sandhills	Beta-1945	Revised result after systematic displacement detected	Hall (1982:91) reports as 220 ± 60 ; Ulm (1995:84) reports as $102.1 \pm 7\%$
Long Beach	ANU-3025	Kelly (1982:65) reports as ANU-3025	Rowland (1985b:121, 1996:196) reports as ANU-3024
Maroochy River 4	Beta-27087	<i>Saccostrea commercialis</i> = 17g; <i>Anadara trapezia</i> = 3g; <i>Donax deltooides</i> = 1g	
Mazie Bay	ANU-2488	Rowland (1981) & Kelly (1982:108) report as 410 ± 70 . Date then recalculated	Rowland (1981:64) & Hermes (1984) report as modern
	ANU-2489	Rowland (1981) & Kelly (1982:108) report as 1280 ± 80 . Date then recalculated	Rowland (1981) & Hermes (1984) report with ORE correction as 830 ± 90
	Beta-1243	Rowland (1981:64, 1996:196) reports with ORE correction as 3000 ± 80	
	Beta-1245	Rowland (1981:64, 1996:196) reports with ORE correction as 3580 ± 100	
	ANU-2393	Rowland (1981:64, 1985a:114, 1996:196) reports with ORE correction as 3710 ± 110	
	Beta-1244	Rowland (1981:64, 1996:196) reports with ORE correction as 3740 ± 90	
	Beta-1246	Rowland (1981:64, 1996:196) reports with ORE correction as 3740 ± 90	
Midden in Ridge 4	ANU-2329	May not be CRA. May be corrected for ORE	Original Beaton (1981) not available for consultation
Midden in Ridge 5	ANU-2461	May not be CRA. May be corrected for ORE	Original Beaton (1981) not available for consultation
	Beta-1756	May not be CRA. May be corrected for ORE	Original Beaton (1981) not available for consultation
Mort Creek Site Complex	Wk-3942	Lilley et al. (1996) suggest date is non-cultural	
	Wk-3943	Lilley et al. (1996) suggest date is non-cultural	
	Wk-3938	Carter (1997) suggests date is non-cultural	
	Wk-3940	Lilley et al. (1996) suggest date is non-cultural	Sample includes: <i>Saccostrea</i> sp., <i>Trichomya hirsuta</i> , <i>Anadara trapezia</i>
Mother Mound on Ridge 3	Beta-1757	May not be CRA. May be corrected for ORE	Original Beaton (1981) not available for consultation
Mushroom Rock East	W-1344	Morwood (1995b) suggests date is anomalous	
	W-1345	Morwood (1995b) suggests date is anomalous	

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 3: Notes on Individual Determinations

Site Name	Lab. Code	Notes 1	Notes 2
Mushroom Rock West	I-1736	Kelly (1982:20) & Wright (1971:138) report depth as 75cm	
	I-1735	Rosenfeld et al. (1981:5) report as 6780	Kelly (1982:24) & Wright (1971:139) report depth as 200cm
Naghi Beach	ANU-3026	Rowland (1985b:121) reports as 7380±80	
Nara Inlet 1	Beta-31742	Barker (1995:143) reports as Beta-31743	
	Beta-27835	Barker (1993:13) reports as 8577±80	
Native Well 1	ANU-2176	Morwood (1979:177, 1981:27) reports as ANU-2171	
	ANU-2034	Morwood (1979:177, 1981:27) reports as ANU-2035	
Native Well 2	ANU-2035	Flood (1999:286) reports as ±140	
New Brisbane Airport	SUA-2179	Hall & Lilley (1987:62-63) suggest date is anomalous	
Ngarrabullgan Cave	Beta-45906	Flood (1999:286) reports as +1600/-1300	
Nonda Rock	Wk-6792	Calibrated: 9027(8975,8970,8946,8943,8931,8918,8896,8883,8853,8831,8777)8563	
NRS Site 22	ANU-3338	Alfredson (1984a:12) reports as 416	
Old Doornadgee 1	Beta-28748	Robins et al. (1998:98) report as 310±80	
PCB 13	ANU-2459	May not be CRA. May be corrected for ORE. No location presented	Original Beaton (1981) not available for consultation
	ANU-2457	May not be CRA. May be corrected for ORE. No location presented	Original Beaton (1981) not available for consultation
PCB 111	Beta-2462	May not be CRA. May be corrected for ORE. No location presented	Original Beaton (1981) not available for consultation
PCB 141	Beta-1735	May not be CRA. May be corrected for ORE. No location presented	Original Beaton (1981) not available for consultation
	Beta-1752	May not be CRA. May be corrected for ORE. No location presented	Original Beaton (1981) not available for consultation
Platypus Rockshelter	SUA-1502	Revised result after systematic displacement detected. Original age=4290±170	
Polka Point	V-22	Birmingham (1966:514) & Kelly (1982:17) report as 765±45	Non-CRA 765±45 corrected using fractionation estimate of -25±2
Quinkan B6 Rockshelter	OZA-821U	Cole (2000:77) reports as 1200	
	AA-9222	Cole (2000:77) reports as 2957	
Red Bluff 1	SUA-2891	Morwood (1995b) suggests date is non-cultural	
Red Island Point	ANU-1365	Kelly (1982:67) reports as ±300	
Saint-Smith Midden	Wk-3424	Hall (1995:13) & Ulm & Hall (1996:61) report as 260±60 using 5730 half-life	
	Wk-3423	Hall (1995:13) & Ulm & Hall (1996:61) report as 960 using 5730 half-life	
Sandstone Point	Beta-15806/A	Originally miscalculated by Beta Analytic as 17310±200 (Hall pers. comm., 2000)	
	Beta-15806/B	Split sample of Beta-15806/A	Nolan (1986:53) reports as ±50
	Beta-15810/B	Split sample of Beta-15810/A	
Sandy Creek 1	Beta-33934	Morwood et al. (1995a) also report 6 TL dates from 150m downslope.	
	SUA-2887	Morwood et al. (1995a:Fig6.6) report as 189±70	
	Beta-51089	Morwood et al. (1995a:Fig6.7) report as 1262±620	
	SUA-2870	Morwood (1989b:156) reports as ±690	
Sandy Creek 1 Rock Art	AA-7685	Cole (2000:77) reports as 435±65 for sample GH3	Cole (2000:77) reports as AA-7687
Sandy Creek 2	W-1212	Uncorrected for surface residual	
	W-1211	Uncorrected for surface residual	
	W-1210	Uncorrected for surface residual	
	W-1209	Uncorrected for surface residual	
Sandy Creek 2 Rock Art	AA-7723	Cole (2000:77) reports as 7499	
	NZA-2559	Cole (2000:77) reports as 27000	
Scraggy Point	SUA-1659	Campbell (1982b:63) reports as 430±90	
Selwyn Ranges 1	Unknown	Calculated Annual Dose Rate: 1.04 rads/y	Mortlock et al. (1979) do not report lab. code
Selwyn Ranges 2	Unknown	Calculated Annual Dose Rate: 0.86 rads/y	Mortlock et al. (1979) do not report lab. code

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 3: Notes on Individual Determinations

Site Name	Lab. Code	Notes 1	Notes 2	
Seven Mile Creek Mound	NZA-12272	Alternative lab. code: Wk-8560	Ulm (in prep.) suggests date is anomalous	
	NZA-12117	Alternative lab. code: Wk-8561		
	NZA-12273	Alternative lab. code: Wk-8562		
	NZA-12118	Alternative lab. code: Wk-8563		
South Mound	ANU-3383	Beaton (1985:8) reports with ORE correction as 660±10	Beaton (1985:8) reports as ±10. May not include the ORE ±35	
	ANU-3380	Beaton (1985:8) reports with ORE correction as 850±100	Beaton (1985:8) reports as ±100. May not include the ORE ±35	
	ANU-3040	Beaton (1985:8) reports with ORE correction as 890±50	Beaton (1985:8) reports as ±50. May not include the ORE ±35	
	ANU-3039	Beaton (1985:8) reports with ORE correction as 920±80	Beaton (1985:8) reports as ±80. May not include the ORE ±35	
	ANU-3058	Beaton (1985:8) reports with ORE correction as 1050±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3382	Beaton (1985:8) reports with ORE correction as 1050±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3062	Beaton (1985:8) reports with ORE correction as 1050±90	Beaton (1985:8) reports as ±90. May not include the ORE ±35	
	ANU-3384	Beaton (1985:8) reports with ORE correction as 1130±80	Beaton (1985:8) reports as ±80. May not include the ORE ±35	
	ANU-3051	Beaton (1985:8) reports with ORE correction as 1140±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	Beta-1755	Beaton (1985:8) reports with ORE correction as 1150±45	Beaton (1985:8) reports as ±45. May not include the ORE ±35	
	ANU-3381	Beaton (1985:8) reports with ORE correction as 1150±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3063	Beaton (1985:8) reports with ORE correction as 1170±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3064	Beaton (1985:8) reports with ORE correction as 1240±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3057	Beaton (1985:8) reports with ORE correction as 1460±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3061	Beaton (1985:8) reports with ORE correction as 1470±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3050	Beaton (1985:8) reports with ORE correction as 1530±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3054	Beaton (1985:8) reports with ORE correction as 1560±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3060	Beaton (1985:8) reports with ORE correction as 1580±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3055	Beaton (1985:8) reports with ORE correction as 1580±80	Beaton (1985:8) reports as ±80. May not include the ORE ±35	
	ANU-3059	Beaton (1985:8) reports with ORE correction as 1600±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3049	Beaton (1985:8) reports with ORE correction as 1610±70	Beaton (1985:8) reports as ±70. May not include the ORE ±35	
	ANU-3056	Beaton (1985:8) reports with ORE correction as 1640±90	Beaton (1985:8) reports as ±90. May not include the ORE ±35	
	ANU-3052	Beaton (1985:8) reports with ORE correction as 1660±80	Beaton (1985:8) reports as ±80. May not include the ORE ±35	
	ANU-3053	Beaton (1985:8) reports with ORE correction as 1670±80	Beaton (1985:8) reports as ±80. May not include the ORE ±35	
	Beta-1754	Beaton (1985:8) reports with ORE correction as 1715±55	Beaton (1985:8) reports as ±55. May not include the ORE ±35	
	Beta-1764	May not be CRA. May be corrected for ORE. No location presented		Original Beaton (1981) not available for consultation
	ANU-3378	Beaton (1985:8) reports with ORE correction as 1780±70		Beaton (1985:8) reports as ±70. May not include the ORE ±35
	ANU-3038	Beaton (1985:8) reports with ORE correction as 1930±90		Beaton (1985:8) reports as ±90. May not include the ORE ±35
	St Bees Island Rockshelter	Unknown	Border (1993, 1994, 1999) does not report lab. code	
	St Helena Island	Beta-6141	Walters (1992c:36) reports as 1790±80	
	Talgai Skull	R2526/33	Calibrated: 12790(11061,11016,11009,10955,10952,10943,10840,10831,10784)9543	
	Teewah Beach 26	Beta-30401	Small sample (0.8g) given 2 x normal counting time	
		Beta-30400	Small sample (0.6g) given 2 x normal counting time	
The Tombs Rockshelter	NPL-64	Coventry et al. (1980:403) report as NPL-645		
Tin Can Bay 75b	Beta-19421	<i>Sacostrea commercialis</i> & <i>Pyrazus ebininus</i>		
Toulkerrie	Beta-32796	Hall & Bowen (1989:10) report as ±80		
	I-11096	Walters (1992b:32) reports lab. code as T-11096		
Townsville Common	GaK-7225	Campbell (cited in Kelly 1982:97) states that site may not be cultural		
Turtle Rock	ANU-2120	Morwood (1979:148) reports as ANU-2202		

Site Name	Lab. Code	Notes 1	Notes 2
Turtle Rock	ANU-2202	Morwood (1979:148, 1981:18) reports as 2800±400	
Turtle Rock Rockshelter	SUA-1656	Campbell (1982b) reports as 4210±110	
Walaemini Rockshelter	ANU-3041b	Beaton (1985:7) reports with ORE correction as 4760±90	Beaton (1985:7) also reports ANU-3041 for Alkaline Hill Rockshelter
Walkunder Arch Cave	Beta-4324	Campbell & Mardaga-Campbell (1993:63) suggest date may be problematic	
	Beta-6787	Campbell & Mardaga-Campbell (1993:63) suggest date may be problematic	
	Beta-6790	Campbell & Mardaga-Campbell (1993:63) suggest date may be problematic	
	Beta-4323	Campbell & Mardaga-Campbell (1993:63) suggest date may be problematic	
	Beta-4325	Campbell & Mardaga-Campbell (1993:63) suggest date may be problematic	Flood (1999:286) reports as Beta-3425
Wallen Wallen Creek	SUA-2344R	Neal & Stock (1986:620) suggest date is anomalous	
Weipa 20A	ANU-4428	Bailey et al. (1994:74) report as 950±80	
Weipa 21	ANU-4429	Bailey et al. (1994:74) report as 2190±80	
Weipa 23	ANU-4430	Bailey et al. (1994:74) report as 2510±90	
Weipa Mound M39	ANU-8784	Veitch (1999:59) reports as ANU-8783	
Weipa Mound M509	ANU-4410	Bailey et al. (1994) report as 290±100	
	ANU-4409	Bailey et al. (1994) report as ±80	
White Patch Site 3	SUA-480	Kelly (1982) & Alfreedson (1984a:12) report as ±90	
Whites Bore IV	Beta-33937	Small sample given 4 x normal counting time	
Woam	Beta-3614	Chaleb (1990:49) reports as Beta-6885, 780±60, 80cm	
Wreck Beach Extension 1	ANU-2495	Rowland (1982b:45) & Kelly (1982:117) report as 290±80. Date then recalculated	Possibly some <i>Saccostrea commercialis</i> in sample
Wunjunga BM0	SUA-1655	Kelly (1982:85) reports as 900±80	
Wunjunga I/25	Beta-2469	<i>Anadara trapezia</i> , <i>Geloina coxans</i> & <i>Saccostrea cucullata</i>	
Yam Camp Rock Art	AA-7679	Cole et al. (1995:155) report as ±115	
Youlain Springs	NZA-670	Robins (1998:64) reports as ±320	

SECTION 4:

Site Information

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 4: Site Information

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
Abbot Bay	CQ	Ayr	-19.8101	147.8424	GK:A29-A30	Open	Coastal	Hopley, David		
Alkaline Hill	CYP	Cape Melville	-14.4334	144.2173	ER:A63-A66	Rockshelter	Coastal	Beaton, John		
Aranarawai Beach Ridge II	SEQ	Brisbane	-27.4468	153.4445	LB:D76	Open	Coastal	Neal, Robert		
Bayley Point Mound 3	NWQ	Mornington	-16.9167	139.0167	AN:A25	Open	Coastal	Robins, Richard		
Bera Hill	TS	Torres Strait	-10.2	142.3140	CW:A02	Open	Coastal	Barham, Anthony		
Big Foot Art Site	CQ	Monto	-24.7256	150.9922	JE:A07	Rockshelter	Inland	Lilley, Ian		
Big Sandhills Beach	CQ	Rockhampton	-23.1581	150.9645	JF:B04	Open	Coastal	Rowland, Mike		
Bishop's Peak	SEQ	Tweed Heads	-28.2551	153.1072	LA:A10	Rockshelter	Inland	Edmonds, Vanessa		
Boonah Shelter	SEQ	Warwick	-28.1228	152.6624	KA:A22	Rockshelter	Inland	Monwood, Mike		
Booral Homestead Midden	SEQ	Maryborough	-25.366	152.9149	KD:A09	Open	Coastal	McNiven, Ian		
Booral Shell Mound	SEQ	Maryborough	-25.366	152.9149	KD:A11	Open	Coastal	McNiven, Ian		
Boulder Island 1	CQ	Proserpine	-20.1544	149.0367	Unknown	Rockshelter	Coastal	Barker, Bryce		
Boulder 1	CQ	Monto	-24.7078	150.9722	Unknown	Rockshelter	Inland	Lilley, Ian		
Bramston Beach Midden	CYP	Innisfail	-17.3390	146.0103	FM:A24	Open	Coastal	Horsfall, Nicky		
Bribie Island 9	SEQ	Gympie	-26.8861	153.1211	KC:B05	Open	Coastal	Hall, Jay		
Broadbeach Burial Ground	SEQ	Tweed Heads	-28.0336	153.4206	LA:A49	Open	Coastal	Haglund, Liala		
Brooyar Rockshelter	SEQ	Gympie	-26.15	152.5333	KC:C33	Rockshelter	Inland	McNiven, Ian		
Brown's Road	SEQ	Brisbane	-27.0912	153.0441	LB:C51	Open	Coastal	Hall, Jay		
Bush Peg Shelter	CYP	Mossman	-16.8549	144.8313	EN:B21?	Rockshelter	Inland	David, Bruno		
Bushranger's Cave	SEQ	Tweed Heads	-28.2622	153.2178	LA:A11	Rockshelter	Inland	Hall, Jay		
Cameron Point 62	SEQ	Wide Bay	-25.9343	153.0498	LD:A54	Open	Coastal	McNiven, Ian		
Cape Cornwall	TS	Torres Strait	-10.7621	142.1816	CW:A55	Open	Coastal	Moore, David		
Cape Flattery	CYP	Cooktown	-14.9861	145.3444	EP:A71	Open	Coastal	Robins, Richard		
Cape Palmerston	CQ	Mackay	-21.5618	149.4732	HH:A51	Open	Coastal	Border, Andrew		
Castle Rock Cave	CQ	Percy Isles	-21.6272	150.2483	JH:A18	Rockshelter	Inland	Border, Andrew		
Cathedral Cave	CQ	Eddystone	-25.0382	148.1726	GD:A35	Rockshelter	Inland	Beaton, John		
Chillagoe Site 55 Rock Art	CYP	Atherton	-17.1351	144.4398	EM:A43?	Rockshelter	Inland	David, Bruno		
Chillagoe Site 62 Rock Art	CYP	Atherton	-17.192	144.5875	EM:A07?	Rockshelter	Inland	David, Bruno		
Chillagoe Site 75 Rock Art	CYP	Atherton	-17.4013	144.644	EM:B94?	Rockshelter	Inland	David, Bruno		
Christmas Creek	SEQ	Tweed Heads	-28.3018	153.0485	LA:B72	Rockshelter	Inland	Hall, Jay		
Clam Bay	CQ	Rockhampton	-23.1842	150.9739	JF:B02	Open	Coastal	Rowland, Mike		
Colless Creek Cave	NWQ	Lawn Hill	-18.7056	138.4444	AL:A11	Rockshelter	Inland	Hughes, Phil	Hiscock, Peter	
Courtyard Rock	CYP	Mossman	-16.8182	144.7786	EN:B67	Rockshelter	Inland	David, Bruno		
Cribb Island	SEQ	Brisbane	-27.3586	153.1331	LB:C57	Open	Coastal	Ward, W. T.		
Cuckadoo 1	NWQ	Duchess	-21.8054	140.598	BH:A03	Rockshelter	Inland	Davidson, Iain		
Curlew Island Open Site	CQ	Mackay	-21.5946	149.8079	HH:A24	Open	Coastal	Border, Andrew		
Curlew Island Rockshelter	CQ	Mackay	-21.6029	149.7962	HH:A23	Rockshelter	Coastal	Border, Andrew		
Deception Bay 1	SEQ	Brisbane	-27.1333	153.0667	Unknown	Open	Coastal	Conaghan, P. J.		
Deception Bay 2	SEQ	Brisbane	-27.1761	153.0306	Unknown	Open	Coastal	Conaghan, P. J.		
Deception Bay 3	SEQ	Brisbane	-27.1444	153.0381	Unknown	Open	Coastal	Flood, Peter		
Deception Bay 4	SEQ	Brisbane	-27.1415	153.0395	Unknown	Open	Coastal	Flood, Peter		
Deception Bay 5	SEQ	Brisbane	-27.1293	153.044	Unknown	Open	Coastal	Flood, Peter		
Deighton Lady Rock Art	CYP	Cooktown	-15.5333	144.7833	EP:F16	Rockshelter	Inland	Cole, Noelene		

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 4: Site Information

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
DH Site	NWQ	Lawn Hill	-18.7277	138.4590	AL:B50?	Open	Inland	Hiscock, Peter		
Double Island Point 1	SEQ	Wide Bay	-25.9343	153.1843	LD:A98	Open	Coastal	McNiven, Ian		
Dragonfly Hollow	CYP	Mossman	-16.8182	144.7786	EN:B68	Rockshelter	Inland	David, Bruno		
Early Man Rockshelter	CYP	Cooktown	-15.6167	144.5833	EP:A55	Rockshelter	Inland	Rosenfeld, Andree		
Echidna's Rest	CYP	Atherton	-17.0417	144.4333	EM:B85	Rockshelter	Inland	David, Bruno		
Echidna Shelter	CYP	Atherton	-15.4667	144.05	EM:B47?	Rockshelter	Inland	Flood, Josephine		
Endaen Rockshelter	CYP	Cape Melville	-14.1453	144.2366	ER:A33	Rockshelter	Coastal	Beaton, John		
Eurimbula Creek 1	SEQ	Bundaberg	-24.165	151.8172	Unknown	Open	Coastal	Ulm, Sean		
Eurimbula Creek 2	SEQ	Bundaberg	-24.1678	151.8228	Unknown	Open	Coastal	Ulm, Sean		
Eurimbula Site 1	SEQ	Bundaberg	-24.1983	151.8594	KE:A49-54	Open	Coastal	Lilley, Ian	Ulm, Sean	
Evens Bay	CYP	Torres Strait	-10.7142	142.5455	CW:A51	Open	Coastal	Moore, David		
Fern Cave	CYP	Atherton	-17.0848	144.4472	EM:B20	Rockshelter	Inland	David, Bruno		
Fig Tree Shelter	CYP	Mossman	-16.8333	144.8291	Unknown	Rockshelter	Inland	David, Bruno		
First Ridge	SEQ	Brisbane	-27.0936	153.4324	LB:L67	Open	Coastal	Robins, Richard		
Fraser Island 217/15	SEQ	Wide Bay	-25.699	153.0687	Unknown	Open	Coastal	Lauer, Peter		
Fraser Island 796/54	SEQ	Wide Bay	-25.0604	153.3329	Unknown	Open	Coastal	Lauer, Peter		
Fraser Island 799/54	SEQ	Wide Bay	-25.0527	153.3375	Unknown	Open	Coastal	Lauer, Peter		
Freshwater Bay Midden	CYP	Cape Melville	-14.6782	145.4550	Unknown	Open	Coastal	Mills, Robynne		
Gainsford 1	CQ	Ayr	-19.475	147.45	Unknown	Open	Coastal	Belperio, Antonio		
Gainsford 2	CQ	Ayr	-19.4333	147.4667	Unknown	Open	Coastal	Belperio, Antonio		
Gatton Shelter	SEQ	Ipswich	-27.8206	152.1539	KB:A01	Rockshelter	Inland	Morwood, Mike		
Giant Horse	CYP	Cooktown	-15.5384	144.4566	EP:A26-29	Rockshelter	Inland	Morwood, Mike		
Goat Rock	CQ	Eddystone	-25	147.6667	GD:A12	Rockshelter	Inland	Morwood, Mike		
Gorge Creek Shelter	CYP	Mossman	-16.7978	144.8143	EN:B20?	Rockshelter	Inland	David, Bruno		
Grass Tree Shelter	CYP	Mossman	-16.8341	144.8308	Unknown	Rockshelter	Inland	David, Bruno		
Green Ant Shelter	CYP	Cooktown	-15.4333	144.0333	EP:B17	Rockshelter	Inland	Flood, Josephine		
Grinding Groove Cave	CQ	Monto	-24.7239	151.0017	Unknown	Rockshelter	Inland	Lilley, Ian	Eales, Tony	
Gumu	TS	Boigu	-9.9685	142.1833	CX:A02	Open	Inland	Ghaleb, Barbara		
Gunamula	NWQ	Mornington	-16.8333	138.75	AN:A09	Open	Coastal	Robins, Richard		
Gyranda 5	CQ	Mundubbera	-25.3112	150.1642	JD:A63	Open	Inland	Morwood, Mike		
Gyranda 8	CQ	Mundubbera	-25.3602	150.1756	JD:A66	Open	Inland	Morwood, Mike		
Gyranda 13	CQ	Mundubbera	-25.3481	150.1653	JD:A71	Open	Inland	Morwood, Mike		
Gyranda 17	CQ	Mundubbera	-25.3973	150.16	JD:A75	Rockshelter	Inland	Morwood, Mike		
Hand Shelter	CYP	Mossman	-16.8341	144.8308	Unknown	Rockshelter	Inland	David, Bruno		
Hay Cave	CYP	Mossman	-16.1295	144.1289	EN:B37	Rockshelter	Inland	Lourandos, Harry		
Heath Cave	CYP	Mossman	-16.0847	144.1260	EN:B42	Rockshelter	Inland	David, Bruno		
Herveys Range B	CQ	Townsville	-19.4146	146.6387	FK:A11	Rockshelter	Inland	Brayshaw, Helen		
Hill Inlet 1	CQ	Proserpine	-20.2751	149.0095	HJ:A24	Rockshelter	Coastal	Barker, Bryce		
Hope Island	SEQ	Brisbane	-27.8521	153.3675	LB:J48?	Open	Coastal	Walters, Ian		
Initiation Cave	CYP	Mossman	-16.7936	144.762	EN:B16	Rockshelter	Inland	David, Bruno		
Ironbark Site Complex	SEQ	Bundaberg	-24.1167	151.775	Unknown	Open	Coastal	Ulm, Sean		
Jiyer Cave	CYP	Innisfail	-17.4439	145.7853	FM:A17	Rockshelter	Inland	Campbell, John	Horsfall, Nicky	
Jourama Rockshelter	CQ	Ingham	-18.9144	146.17	FL:A08	Rockshelter	Inland	Brayshaw, Helen		

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 4: Site Information

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
Kabali Road Scatter	SEQ	Wide Bay	-25.9667	153.0833	LD:A84?	Open	Inland	McNiven, Ian		
Kaponyee Springs I	SWQ	Eulo	-28.7774	144.2544	EA:B89?	Open	Inland	Robins, Richard		
Kaponyee Springs II	SWQ	Eulo	-28.7774	144.2544	EA:B89?	Open	Inland	Robins, Richard		
Kennedy A	CQ	Ingham	-18.3186	145.9062	FL:A09	Rockshelter	Inland	Brayshaw, Helen		
Kennedy River (Shelter B) Rock Art	CYP	Cooktown	-15.5906	144.0308	EP:A74	Rockshelter	Inland	Cole, Noelene		
Kenniff Cave	CQ	Spingsure	-24.8667	148.0333	GE:A80	Rockshelter	Inland	Mulvaney, John		
Ken's Cave	CQ	Tambo	-24.275	146.4	FE:A21	Rockshelter	Inland	Morwood, Mike		
King's Bore Site 97	SEQ	Gympie	-26.12	153.1032	KC:C16	Open	Coastal	McNiven, Ian		
Kookaburra Rock	CYP	Mossman	-16.8182	144.7786	EN:B66	Rockshelter	Inland	David, Bruno		
Kwamter Mound	CYP	Weipa	-12.7265	141.9295	CT:A40	Open	Coastal	Wright, Richard	Bailey, Geoff	Stone, Tim
Kyeenee I	SWQ	Toompine	-27.7	144.6667	EB:A12	Rockshelter	Inland	Robins, Richard		
Lake Coombabah	SEQ	Brisbane	-27.9154	153.3554	LB:A39	Open	Coastal	Alfredson, Gillian		
Lake Numalla I	SWQ	Eulo	-28.7197	144.32439	Unknown	Open	Inland	Robins, Richard		
Lake Numalla II	SWQ	Eulo	-28.7179	144.3183	Unknown	Open	Inland	Robins, Richard		
Lake Toomaroo	SWQ	Eulo	-28.0333	144.2	Unknown	Open	Inland	Hiscock, Peter		
Leefe Peak	CQ	Ingham	-18.4467	146.2044	FL:A21	Open	Coastal	Campbell, John		
Little Sandhills	SEQ	Brisbane	-27.3024	153.4144	LB:M09	Open	Coastal	Robins, Richard		
Long Beach	TS	Torres Strait	-10.2046	142.3229	CW:A57	Open	Coastal	Rowland, Mike	Barham, Anthony	
Lookout Shelter	CYP	Mossman	-16.8541	144.8123	EN:B84	Rockshelter	Inland	David, Bruno		
Louie Creek Cave	NWQ	Lawn Hill	-18.7764	138.5069	AL:A28	Rockshelter	Inland	Hiscock, Peter		
Magnificent Gallery	CYP	Cooktown	-15.7679	144.2549	EP:A98	Rockshelter	Inland	Morwood, Mike		
Maidenwell Shelter	SEQ	Gympie	-26.9437	151.7202	KC:A06	Rockshelter	Inland	Morwood, Mike		
Marble Island	CQ	Percy Isles	-21.9923	150.1771	JH:A16	Open	Coastal	Border, Andrew		
Maroochy River 2	SEQ	Gympie	-26.6386	153.0963	KC:C41	Open	Coastal	McNiven, Ian		
Maroochy River 4	SEQ	Gympie	-26.6386	153.0963	KC:C41	Open	Coastal	McNiven, Ian		
Mazie Bay	CQ	Rockhampton	-23.0811	150.8931	JF:A60	Open	Coastal	Rowland, Mike		
Mickey Springs 31	NWQ	Hughenden	-20.4366	144.6696	EJ:A32	Rockshelter	Inland	Morwood, Mike		
Mickey Springs 33	NWQ	Hughenden	-20.4366	144.6696	EJ:A34	Rockshelter	Inland	Morwood, Mike		
Mickey Springs 34	NWQ	Hughenden	-20.4366	144.6696	EJ:A35	Rockshelter	Inland	Morwood, Mike		
Midden in Ridge 4	CYP	Cape Melville	-14.3796	144.1894	Unknown	Open	Coastal	Beaton, John		
Midden in Ridge 5	CYP	Cape Melville	-14.3813	144.1970	Unknown	Open	Coastal	Beaton, John		
Middle Island Sandblow Site	SEQ	Bundaberg	-24.0622	151.7656	KE:A67	Open	Coastal	Ulm, Sean		
Minner Dint	SEQ	Brisbane	-27.2126	153.4184	LB:B17-20	Open	Coastal	Hall, Jay		
Mitchell River Cave	CYP	Mossman	-16.5535	144.1407	EN:B34	Rockshelter	Inland	David, Bruno		
Monkey Beach	CQ	Rockhampton	-23.1921	150.9361	JF:B11	Open	Coastal	Rowland, Mike		
Monkey Point	CQ	Rockhampton	-23.1962	150.9408	JF:A98	Open	Coastal	Rowland, Mike		
Moon Point	SEQ	Maryborough	-25.2211	152.9975	KD:A69	Open	Coastal	Grimes, Ken		
Mordor Cave	CYP	Mossman	-16.3817	144.134	EN:B29	Rockshelter	Inland	David, Bruno		
Mort Creek Site Complex	SEQ	Bundaberg	-24.0125	151.6292	KE:A41	Open	Coastal	Lilley, Ian	Ulm, Sean	
Mother Mound on Ridge 3	CYP	Cape Melville	-14.3783	144.1843	Unknown	Open	Coastal	Beaton, John		
Mt Roundback	CQ	Ayr	-19.982	148.0538	GK:A1	Rockshelter	Inland	Brayshaw, Helen		
Mulgrave River 1	CYP	Cairns	-17.2077	145.9447	FN:A26	Open	Inland	Horsfall, Nicky		
Mulgrave River 2	CYP	Cairns	-17.2077	145.9447	FN:A19	Open	Inland	Horsfall, Nicky		

SECTION 4: Site Information

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
Mungana Site Rock Art	CYP	Atherton	-17.0929	144.3887	EM:A08	Rockshelter	Inland	David, Bruno		
Murderers Bore Rockshelter	SWQ	Eulo	-28.692	144.0815	EA:A29	Rockshelter	Inland	Robins, Richard		
Mushroom Rock East	CYP	Cooktown	-15.6406	144.9406	EP:A32	Rockshelter	Inland	Morwood, Mike		
Mushroom Rock West	CYP	Cooktown	-15.6406	144.9406	EP:A32	Rockshelter	Inland	Wright, Richard	Morwood, Mike	
Naghi Beach	TS	Torres Strait	-10.2501	142.4744	CW:A58	Open	Coastal	Rowland, Mike		
Nara Inlet 1	CQ	Proserpine	-20.1246	148.9073	HJ:A04	Rockshelter	Coastal	Barker, Bryce		
Nara Inlet Art Site	CQ	Proserpine	-20.1299	148.9158	HJ:A01	Rockshelter	Coastal	Barker, Bryce		
Native Well 1	CQ	Eddystone	-25.2083	147.55	GD:B69	Rockshelter	Inland	Morwood, Mike		
Native Well 2	CQ	Eddystone	-25.2083	147.55	GD:B69	Rockshelter	Inland	Morwood, Mike		
NE Moreton Island 1	SEQ	Brisbane	-27.0514	153.4580	Unknown	Open	Coastal	Lilley, Ian		
NE Moreton Island 5	SEQ	Brisbane	-27.0514	153.4580	LB:K13	Open	Coastal	Lilley, Ian		
NE Moreton Island 16	SEQ	Brisbane	-27.0514	153.4580	Unknown	Open	Coastal	Lilley, Ian		
NE Moreton Island 21A	SEQ	Brisbane	-27.0514	153.4580	LB:K03	Open	Coastal	Lilley, Ian		
NE Moreton Island 27	SEQ	Brisbane	-27.0514	153.4580	Unknown	Open	Coastal	Lilley, Ian		
New Brisbane Airport	SEQ	Brisbane	-27.3925	153.0963	LB:C69	Open	Coastal	Hall, Jay		
Ngarrabullgan Cave	CYP	Mossman	-16.8034	144.8158	EN:B20	Rockshelter	Inland	David, Bruno		
Nonda Rock	CYP	Mossman	-16.8082	144.8221	Unknown	Rockshelter	Inland	David, Bruno		
NRS Site 8	SEQ	Brisbane	-27.5373	153.4851	LB:E20	Open	Coastal	Richardson, Norma		
NRS Site 19	SEQ	Brisbane	-27.5733	153.4705	LB:E31	Open	Coastal	Richardson, Norma		
NRS Site 22	SEQ	Brisbane	-27.5504	153.4811	LB:E34	Open	Coastal	Richardson, Norma		
Old Doomadgee 1	NWQ	Mornington	-16.9333	138.9167	AN:A23	Open	Coastal	Robins, Richard		
One-Tree	SEQ	Brisbane	-27.3356	153.4252	LB:M01	Open	Coastal	Hall, Jay		
Painted Ell	CYP	Mossman	-16.8542	144.8308	Unknown	Rockshelter	Inland	David, Bruno		
Pancake Creek Site Complex	SEQ	Bundaberg	-24.0403	151.7167	KE:A44-48	Open	Coastal	Ulm, Sean		
PCB 13	CYP	Cape Melville	Unknown	Unknown	Unknown	Open	Coastal	Beaton, John		
PCB 111	CYP	Cape Melville	Unknown	Unknown	Unknown	Open	Coastal	Beaton, John		
PCB 141	CYP	Cape Melville	Unknown	Unknown	Unknown	Open	Coastal	Beaton, John		
Pillar Cave	CYP	Atherton	-17.2845	144.6027	EM:A19	Rockshelter	Inland	Mardaga-Campbell, M.		
Platform Gallery Rockshelter	CYP	Cooktown	-15.2333	145.0667	EP:A42	Rockshelter	Inland	Woolston, F.P.		
Platypus Rockshelter	SEQ	Ipswich	-27.3625	152.5943	KB:A70	Rockshelter	Inland	Hall, Jay		
Polka Point	SEQ	Brisbane	-27.4944	153.4028	LB:A28	Open	Coastal	Tugby, Donald	Neal, Robert	
Quinine Bush Shelter	CYP	Mossman	-16.8138	144.8157	Unknown	Rockshelter	Inland	David, Bruno		
Quinkan B6 Rockshelter Rock Art	CYP	Cooktown	-15.6286	144.5308	EP:A25	Rockshelter	Inland	Cole, Noelene		
Quippenburra Cave	NWQ	Hughenden	-20.4261	144.4778	EJ:B24	Rockshelter	Inland	Morwood, Mike		
Racecourse Site Rock Art	CYP	Atherton	-17.1747	144.4994	EM:A06	Rockshelter	Inland	David, Bruno		
Rainbow Cave	CQ	Taroom	-25.1833	148.7167	Unknown	Rockshelter	Inland	Beaton, John		
Rainbow Cave 2	CQ	Tambo	-24.2667	146.2833	FE:A14	Rockshelter	Inland	Beaton, John		
Red Beach	CQ	Rockhampton	-23.1864	150.9847	JF:B05	Open	Coastal	Rowland, Mike		
Red Bluff 1	CYP	Cooktown	-15.7375	144.2808	EP:A01	Rockshelter	Inland	Morwood, Mike		
Red Horse	CYP	Cooktown	-15.3425	145.0122	EP:A02	Rockshelter	Inland	Morwood, Mike		
Red Island Point	CYP	Torres Strait	-10.8472	142.3650	CW:A46	Rockshelter	Coastal	Moore, David		
Red Lady Rock Art	CYP	Unknown	Unknown	Unknown	Unknown	Rockshelter	Inland	Cole, Noelene		
Road Cave 1	CQ	Monto	-24.7242	151.0011	Unknown	Rockshelter	Inland	Lilley, Ian		

SECTION 4: Site Information

Ulm and Reid

Index of Dates from Archaeological Sites in Queensland

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
Roof Fall Cave	CQ	Monto	-24.7264	150.9922	Unknown	Rockshelter	Inland	Lilley, Ian	Eales, Tony	
Saibai Village Store	TS	Daru	-9.3815	142.6183	Unknown	Open	Coastal	Barham, Anthony		
Saint-Smith Midden	SEQ	Brisbane	-27.1404	153.0382	LB:F01	Open	Coastal	Hall, Jay		
Sandstone Point	SEQ	Brisbane	-27.0788	153.1414	LB:A15	Open	Coastal	Hall, Jay		
Sandy Creek 1	CYP	Cooktown	-15.7187	144.3024	EP:B01	Rockshelter	Inland	Morwood, Mike	Cole, Noelene	
Sandy Creek 2	CYP	Cooktown	-15.7193	144.3027	EP:D79	Rockshelter	Inland	Morwood, Mike	Cole, Noelene	
Scraggy Point	CQ	Ingham	-18.2853	146.1022	FL:A23	Open	Coastal	Campbell, John		
Seary-Broutha Site	SEQ	Gympie	-26.0167	153.1167	KC:B78?	Open	Coastal	McNiven, Ian		
Selwyn Ranges 1	NWQ	Duchess	-21.3833	140.5333	Unknown	Rockshelter	Inland	Mortlock, A.J.		
Selwyn Ranges 2	NWQ	Duchess	-21.4561	140.5892	Unknown	Rockshelter	Inland	Mortlock, A.J.		
Seven Mile Creek Mound	SEQ	Bundaberg	-24.0669	151.5197	KE:A09	Open	Coastal	Ulm, Sean		
Shelly Beach	CQ	Unknown	Unknown	Unknown	Unknown	Open	Coastal	Campbell, John		
South Mound	CYP	Cape Melville	-14.3353	144.2083	ER:A98	Open	Coastal	Beaton, John		
Spitfire Creek	SEQ	Brisbane	-27.0702	153.450	LB:A74	Open	Coastal	Neal, Robert		
Split Rock Rock Art	CYP	Cooktown	-15.6525	144.4975	EP:A30	Rockshelter	Inland	Cole, Noelene		
Spur Bay East	CQ	Percy Isles	-21.6788	150.2803	JH:A02	Open	Coastal	Rowland, Mike	Border, Andrew	
St Bees Island Rockshelter	CQ	Proserpine	-20.9168	149.4509	HJ:A41	Rockshelter	Coastal	Border, Andrew		
St Helena Island	SEQ	Brisbane	-27.3926	153.2292	LB:C52	Open	Coastal	Alfredson, Gillian		
St Pauls Beach Midden	TS	Torres Strait	-10.1912	142.3329	CW:A17	Open	Coastal	Barham, Anthony		
Stockyard Point	CQ	Port Clinton	-22.8167	150.8	JG:A01	Open	Coastal	Rowland, Mike		
Talgai Skull	SEQ	Warwick	-28.0207	151.8522	KA:A23	Open	Inland	Gill, Edmund		
Teewah Beach 5D	SEQ	Gympie	-26.05	153.1333	KC:B83	Open	Coastal	McNiven, Ian		
Teewah Beach 26	SEQ	Gympie	-26.305	153.0602	KC:C05	Open	Coastal	McNiven, Ian		
The Tombs Rockshelter	CQ	Eddystone	-25.351	147.85	GD:A10	Rockshelter	Inland	Mulvaney, John		
Tin Can Bay 75b	SEQ	Wide Bay	-25.9667	153.0333	LD:A70	Open	Coastal	McNiven, Ian		
Tom's Creek Site Complex	SEQ	Bundaberg	-24.1931	151.8725	KE:A33	Open	Coastal	Ulm, Sean		
Toukertie	SEQ	Brisbane	-27.3208	153.4176	LB:C33	Open	Coastal	Hall, Jay		
Townsville Common	CQ	Townsville	-19.2611	146.7344	FK:A05	Open	Coastal	Belperio, Antonio		
Tunnel Shelter	CYP	Mossman	-16.8549	144.8313	EN:B28	Rockshelter	Inland	David, Bruno		
Turtle Rock	CQ	Springsure	-24.8333	147.6	GE:A53	Rockshelter	Inland	Morwood, Mike		
Turtle Rock Rockshelter	CQ	Townsville	-19.3811	146.4619	FK:A13	Rockshelter	Inland	Campbell, John		
Walaemini Rockshelter	CYP	Cape Melville	-14.2699	144.2077	ER:A39	Rockshelter	Coastal	Beaton, John		
Walkunder Arch Cave	CYP	Atherton	-17.2297	144.5169	EM:B77	Rockshelter	Inland	Campbell, John	Mardaga-Campbell, M.	Watchman, Alan
Wallen Wallen Creek	SEQ	Brisbane	-27.5517	153.4166	LB:D74	Open	Coastal	Neal, Robert		
Wanderer's Cave	CQ	Taroom	-25.15	148.6167	Unknown	Rockshelter	Inland	Beaton, John		
Webber Swamp 100	SEQ	Wide Bay	-25.9776	153.0557	LD:A92	Open	Coastal	McNiven, Ian		
Weipa 5	CYP	Weipa	-12.6077	141.915	Unknown	Open	Coastal	Beaton, John		
Weipa 6	CYP	Weipa	-12.6077	141.9161	Unknown	Open	Coastal	Beaton, John		
Weipa 7	CYP	Weipa	-12.6079	141.9181	Unknown	Open	Coastal	Beaton, John		
Weipa 8	CYP	Weipa	-12.6079	141.9181	Unknown	Open	Coastal	Beaton, John		
Weipa 9	CYP	Weipa	-12.6061	141.9174	Unknown	Open	Coastal	Beaton, John		
Weipa 10	CYP	Weipa	-12.6059	141.9181	Unknown	Open	Coastal	Beaton, John		
Weipa 11	CYP	Weipa	-12.6059	141.9181	Unknown	Open	Coastal	Beaton, John		

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 4: Site Information

Site Name	Region	1:250K Sheet	Latitude	Longitude	State #	Type	Location	Investigator 1	Investigator 2	Investigator 3
Weipa 12	CYP	Weipa	-12.607	141.9187	Unknown	Open	Coastal	Beaton, John		
Weipa 13	CYP	Weipa	-12.617	141.917	Unknown	Open	Coastal	Beaton, John		
Weipa 14	CYP	Weipa	-12.5769	141.909	Unknown	Open	Coastal	Beaton, John		
Weipa 16	CYP	Weipa	-12.5612	141.9594	Unknown	Open	Coastal	Beaton, John		
Weipa 17	CYP	Weipa	-12.5612	141.9594	Unknown	Open	Coastal	Beaton, John		
Weipa 18	CYP	Weipa	-12.5648	141.9597	Unknown	Open	Coastal	Beaton, John		
Weipa 19	CYP	Weipa	-12.5648	141.9597	Unknown	Open	Coastal	Beaton, John		
Weipa 20	CYP	Weipa	-12.5628	141.9597	Unknown	Open	Coastal	Beaton, John		
Weipa 20A	CYP	Weipa	-12.5628	141.9597	Unknown	Open	Coastal	Beaton, John		
Weipa 21	CYP	Weipa	-12.5617	141.9601	Unknown	Open	Coastal	Beaton, John		
Weipa 23	CYP	Weipa	-12.559	141.961	Unknown	Open	Coastal	Beaton, John		
Weipa 24	CYP	Weipa	-12.559	141.961	Unknown	Open	Coastal	Beaton, John		
Weipa 25	CYP	Weipa	-12.8519	141.9409	Unknown	Open	Coastal	Beaton, John		
Weipa 26	CYP	Weipa	-12.8721	141.9665	Unknown	Open	Coastal	Beaton, John		
Weipa 27	CYP	Weipa	-12.8581	141.9451	Unknown	Open	Coastal	Beaton, John		
Weipa 28	CYP	Weipa	-12.8736	141.9692	Unknown	Open	Coastal	Beaton, John		
Weipa 29	CYP	Weipa	-12.8723	141.9667	Unknown	Open	Coastal	Beaton, John		
Weipa 30	CYP	Weipa	-12.5127	141.6943	Unknown	Open	Coastal	Beaton, John		
Weipa 31	CYP	Weipa	-12.5042	141.7155	Unknown	Open	Coastal	Beaton, John		
Weipa 32	CYP	Weipa	-12.8579	141.9475	Unknown	Open	Coastal	Beaton, John		
Weipa 33	CYP	Weipa	-12.8628	141.9367	Unknown	Open	Coastal	Beaton, John		
Weipa C14#4	CYP	Weipa	-12.6097	141.9143	Unknown	Open	Coastal	Beaton, John		
Weipa G10E	CYP	Weipa	-12.8504	141.9395	Unknown	Open	Coastal	Beaton, John		
Weipa Mound M3	CYP	Weipa	-12.7482	141.9105	CT:A14	Open	Coastal	Bailey, Geoff		
Weipa Mound M34	CYP	Weipa	-12.7976	141.9396	CT:A19	Open	Coastal	Bailey, Geoff		
Weipa Mound M37	CYP	Weipa	-12.7976	141.9396	CT:A19	Open	Coastal	Bailey, Geoff		
Weipa Mound M39	CYP	Weipa	-12.7976	141.9396	CT:A20	Open	Coastal	Bailey, Geoff		
Weipa Mound M39b	CYP	Weipa	-12.7976	141.9396	CT:A20	Open	Coastal	Bailey, Geoff		
Weipa Mound M509	CYP	Weipa	-12.5904	141.8697	CT:A51	Open	Coastal	Beaton, John	Bailey, Geoff	
White Patch Site 3	SEQ	Brisbane	-27.0249	153.116	LB:C95	Open	Coastal	Haglund, Liola		
Whites Bore III	SWQ	Eulo	-28.8293	144.3315	Unknown	Open	Inland	Robins, Richard		
Whites Bore IV	SWQ	Eulo	-28.8314	144.3354	Unknown	Open	Inland	Robins, Richard		
Woam	TS	Daru	-9.3968			Open	Coastal	Barham, Anthony		
Wreck Beach	CQ	Rockhampton	-23.1695	150.9724	JF:B08	Open	Coastal	Rowland, Mike		
Wreck Beach Extension 1	CQ	Rockhampton	-23.173	150.9742	JF:A97	Open	Coastal	Rowland, Mike		
Wunjunja BMO	CQ	Ayr	-19.7917	147.6303	GK:A87	Open	Coastal	Campbell, John		
Wunjunja I/3	CQ	Ayr	-19.7856	147.6239	GK:A36	Open	Coastal	Bird, Michelle		
Wunjunja I/25	CQ	Ayr	-19.7856	147.6239	GK:A25	Open	Coastal	Campbell, John	Bird, Michelle	
Wunjunja I/47	CQ	Ayr	-19.7614	147.6028	GK:A45	Open	Coastal	Campbell, John		
Wunjunja III/79	CQ	Ayr	-19.7614	147.6028	GK:A50	Open	Coastal	Bird, Michelle		
Wunjunja III/81	CQ	Ayr	-19.7614	147.6028	GK:A50	Open	Coastal	Bird, Michelle		
Yam Camp	CYP	Cooktown	-15.7823	144.2341	EP:B79	Rockshelter	Inland	Morwood, Mike	Watchman, Alan	
Youlain Springs	SWQ	Eulo	-28.7	144.15	Unknown	Open	Inland	Robins, Richard		

SECTION 5:

Site References

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 5: Site References

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Abbott Bay	Hopley 1970a	Hopley 1970b	Kelly 1982	Small 1992	
Alkaline Hill	Beaton 1985	David & Lourandos 1997			
Aranarawai Beach Ridge II	Neal 1989				
Bayley Point Mound 3	Robins et al. 1998	Barham et al. in prep.			
Bera Hill	Barham 1981	Lilley et al. 1997	Lilley et al. 1998	Westcott 1997	Westcott 1999
Big Foot Art Site	Chapman 1999	Westcott et al. 1999b			
	Westcott et al. 1999a	Rowland 1982b	Rowland 1992		
Big Sandhills Beach	Rowland 1980				
Bishop's Peak	Edmonds 1986				
Boonah Shelter	Burke 1988	Morwood 1987	Ulm 1995	Ulm & Hall 1996	
Booral Homestead Midden	Bowen 1998	Frankland 1990			
Booral Shell Mound	Bowen 1998	Frankland 1990			
Border Island 1	Barker 1995	Barker 1996	Barker & Schon 1994		
Boulder 1	Lilley et al. 1997	Lilley et al. 1998	Westcott et al. 1999a		
Bramston Beach Midden	Horsfall 1987				
Bribie Island 9	Smith 1992	Ulm 1995	Ulm & Hall 1996		
Broadbeach Burial Ground	Bermingham 1971	Caddie et al. 1984	Collier & Hobson 1987	Elvery 1995	Elvery et al. 1998
	Freedman & Wood 1977a	Freedman & Wood 1977b	Haglund 1976	Haglund-Calley 1968	Haglund-Calley 1969
	Hobson & Collier 1984	Hobson & Collier 1986	Lauer & Dillon 1986	Lee-Thorpe & Sealy 1986	Murphy 1978
	Murphy 1991	Murphy & Wood 1983	Murphy & Wood 1986	Smith et al. 1981	Wood 1968
	Wood & Murphy 1978	Wood & Murphy 1979			
Brooyar Rockshelter	McNiven 1988	McNiven 1990a	McNiven 1999		
Brown's Road	Gillieson & Hall 1982	Kelly 1982	Richter 1994	Richter 1996	
Bush Peg Shelter	David & Wilson 1999				
Bushranger's Cave	Gillieson 1982	Hall 1986	Hall & Hiscock 1988	Hiscock 1988b	Hiscock & Hall 1988b
	Kearney 1998	Mowat 1989	Ulm 1995	Ulm & Hall 1996	
Cameron Point 62	McNiven 1990a	McNiven 1991b			
Cape Cornwall	Barham et al. in prep.	Kelly 1982	Moore 1974	Moore 1979	Rowland 1985b
Cape Flattery	Robins pers. comm., 2000				
Cape Palmerston	Border 1993	Border 1994	Border 1999	Border 1999	
Castile Rock Cave	Border 1993	Border 1994	Rowland 1984	Rowland 1984	
Cathedral Cave	Bartholomai 1965	Beaton 1977	Beaton 1991b	Clegg 1965	Clegg 1977
	Goddard 1940-1941	Kelly 1982	Mitchell 1940-1941	Quinnell 1975	Quinnell 1976
	Quinnell 1977	Webb 1992			
Chillagoe Site 55 Rock Art	Armitage et al. 2000	David et al. 1999			
Chillagoe Site 62 Rock Art	Armitage et al. 2000	Armitage et al. 1998	David et al. 1999	David & Lourandos 1998	David et al. 1994
Chillagoe Site 75 Rock Art	Armitage et al. 2000	Armitage et al. 1998	David et al. 1999	David & Lourandos 1998	David et al. 1994
Christmas Creek	Bonica 1992	Gillieson 1982	Ulm & Hall 1996		
Clam Bay	Rowland 1980	Rowland 1982b	Rowland 1992		
Colless Creek Cave	Aplin n.d.	Hiscock 1984	Hiscock 1985	Hiscock 1988a	Hiscock 1990
	Hiscock & Hughes 1980	Hughes 1983	Magee & Hughes 1982		
Courtyard Rock	David & Lourandos 1997	David & Lourandos 1999	David et al. 1998	David & Wilson 1999	
Cribb Island	Alfredson 1983	Alfredson 1984a	Ward & Hacker 1981	Ward & Hacker 1982	Ward & Little 2000

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Cuckadoo 1	Davidson 1993	Davidson et al. 1993			
Curlwe Island Open Site	Border 1993	Border 1994	Border 1999		
Curlwe Island Rockshelter	Border 1993	Border 1994	Border 1999		
Deception Bay 1	Flood 1981	Hekel et al. 1979	Hubbs et al. 1965	Kelly 1982	Ulm & Hall 1996
Deception Bay 2	Flood 1981	Hekel et al. 1979	Hubbs et al. 1965	Kelly 1982	
Deception Bay 3	Flood 1981	Nolan 1986			
Deception Bay 4	Flood 1981	Nolan 1986			
Deception Bay 5	Flood 1981				
Deighton Lady Rock Art	Cole 1998	Cole et al. 1995	Rosenfeld et al. 1981		
DH Site	Hiscock 1988a				
Double Island Point 1	McNiven 1990a	McNiven 1991c			
Dragonfly Hollow	David & Lourandos 1999	David et al. 1998	David & Wilson 1999		
Early Man Rockshelter	Clouten 1976	Clouten 1977	Horton 1977	Rosenfeld 1975	Rosenfeld et al. 1981
Echidna's Rest	David 1987	David 1990b	David 1994	David et al. 1999	David et al. 1992
	David & Chant 1995	David & Lourandos 1997	David & Lourandos 1998	David et al. 1998	David & Stanisic 1991
	David et al. 2000	Webb 1992			
Echidna Shelter	David & Lourandos 1997	Flood 1983	Flood 1987	Flood & Horsfall 1986	
Endaen Rockshelter	Beaton 1985	David & Lourandos 1997	Hale & Tindale 1933		
Eurimbula Creek 1	Ulm & Lilley 1999				
Eurimbula Creek 2	Ulm & Lilley 1999				
Eurimbula Site 1	Burke 1993	Francis 1999	Godwin 1990	Lilley et al. 1996	Lilley et al. 1997
	Reid 1997	Ulm et al. 1999a			
Evans Bay	Barham et al. in prep.	Kelly 1982	Moore 1974	Moore 1979	Rowland 1985b
Fern Cave	David 1988	David 1989	David 1990a	David 1991a	David 1994
	David et al. 1993	David & Lourandos 1997	David et al. 1998	David & Wilson 1999	Goodall et al. 1996
	Krueger 1997	Lamb 1993	Lamb 1996	Magee 1994	Magee & David 1994
Fig Tree Shelter	David & Wilson 1999				
First Ridge	Kelly 1982	Robins 1983	Robins 1984		
Fraser Island 217/15	Kelly 1982	Lauer 1978			
Fraser Island 796/54	Kelly 1982	Lauer 1978	McNiven 1998		
Fraser Island 799/54	Kelly 1982	Lauer 1978	McNiven 1998		
Freshwater Bay Midden	Mills 1992				
Gainsford 1	Belperio 1978	Kelly 1982			
Gainsford 2	Belperio 1978	Kelly 1982			
Gatton Shelter	Davidson 1936	Elkin 1949	Maynard 1979	Monwood 1986a	Quinnell 1972
	Solomon 1986	Tyron 1884			
Giant Horse	Dagg 1992	David & Lourandos 1997	Monwood 1995a	Treize 1971	
Goat Rock	Kelly 1982	Morwood 1984			
Gorge Creek Shelter	David & Wilson 1999				
Grass Tree Shelter	David & Wilson 1999				
Green Ant Shelter	David & Lourandos 1997	Flood 1983	Flood & Horsfall 1986		
Grinding Groove Cave	Chicoateu 1998a	Chicoateu 1998b	Lilley et al. 1997	Lilley et al. 1998	Westcott et al. 1999a
Gumu	Barham et al. in prep.	Barham & Harris 1985	Ghaleb 1990	Ghaleb 1998	

Site Name	General Reference	General Reference	General Reference	General Reference
Gunamula	Robins pers. comm., 2000			
Gyranda 5	Godwin 1985	Morwood 1985	Morwood 1986b	Morwood & Godwin 1987
Gyranda 8	Godwin 1985	Morwood 1985	Morwood 1986b	Morwood & Godwin 1987
Gyranda 13	Godwin 1985	Morwood 1985	Morwood 1986b	Morwood & Godwin 1987
Gyranda 17	Godwin 1985	Morwood 1985	Morwood 1986b	Morwood & Godwin 1987
Hand Shelter	David & Wilson 1999			
Hay Cave	Chillagoe Caving Club 1988	David & Wilson 1999	Holden 1999	Roche 1998
	Rowe et al. in press	Terlich 1998		
Hearth Cave	Chillagoe Caving Club 1988	David 1994	David & Chant 1995	David & Dagg 1993
Herveys Range B	Archer 1977	Archer & Brayshaw 1978	Brayshaw 1977	Brayshaw 1990
	Wood 1977			Kelly 1982
Hill Inlet 1	Barker 1995	Barker 1996	Barker et al. 1997	Barker & Schon 1994
Hope Island	Walters et al. 1987			
Initiation Cave	David 1992c	David & Chant 1995	David & Lourandos 1997	David et al. 1998
	Grainer et al. 1992			David & Wilson 1999
Ironbark Site Complex	L'Estrange 1998	Reid 1998	Reid 1999	Ulm et al. 1999b
	Vernon 1999			
Jiyer Cave	ABC 1979	Campbell 1982b	Campbell 1984	Horsfall 1983
	Horsfall 1996	Kelly 1982	Palmerston 1987	Horsfall 1987
Jourama Rockshelter	Archer 1977	Archer & Brayshaw 1978	Brayshaw 1975	Brayshaw 1977
	Kelly 1982	Wood 1977		Brayshaw 1990
Kabali Road Scatter	McNiven 1990a			
Kaponyee Springs I	Robins 1993			
Kaponyee Springs II	Robins 1993			
Kennedy A	Archer 1977	Archer & Brayshaw 1978	Brayshaw 1975	Brayshaw 1977
	Gunn & Thorn 1994	Kelly 1982	Pentecost & Bird 1995	Ward et al. 1999
Kennedy River (Shelter B) Rock Art	Cole 1998	Cole 2000	Cole et al. 1995	Rosenfeld et al. 1981
Kenniff Cave	Callow et al. 1963	Callow et al. 1965	Kelly 1982	Kigoshi & Kobayashi 1966
	Morwood 1984	Mulvaney 1962	Mulvaney 1964	Mulvaney 1971
	Mulvaney & Joyce 1965	Richardson 1992	Richardson 1996	Mulvaney 1975
Ken's Cave	Morwood 1978	Morwood 1979	Morwood 1981	Smith 1985
King's Bore Site 97	McNiven 1985	McNiven 1990a	McNiven 1990b	Morwood 1984
	McNiven 1992c			McNiven 1992a
Kookaburra Rock	David & Lourandos 1999	David et al. 1998	David & Wilson 1999	McNiven 1992b
Kwamter Mound	Bailey 1975	Bailey 1977	Bailey 1994	
	Stone 1991	Stone 1992	Stone 1993	Gillespie & Temple 1976
Kyeenee I	Robins 1993			Wright 1971
Lake Coombabah	Alfredson & Kombumerri 1998	Alfredson & Kombumerri 1999		
Lake Numalla I	Robins 1993			
Lake Numalla II	Robins 1993			
Lake Toomaroo	Robins 1993			
Leeffe Peak	Campbell 1982b	Robins 1995		
Little Sandhills	Robins 1983	Campbell 1984	Kelly 1982	
		Robins 1984	Kelly 1982	

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 5: Site References

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Long Beach	Barham 2000	Barham et al. in prep.	Kelly 1982	Rowland 1985b	
Lookout Shelter	David & Lourandos 1997	David et al. 1998	David & Wilson 1999		
Louie Creek Cave	Hiscock 1988a				
Magnificent Gallery	Cole & Watchman 1992	Cole et al. 1995	David & Lourandos 1997	Jung 1990	Jung 1992
Maidenwell Shelter	Morwood 1989a	Morwood 1990b	Morwood 1993	Morwood 1994	Morwood & Jung 1995
Marble Island	Morwood 1986a				
Maroochy River 2	Border 1993	Border 1994	Border 1999		
Maroochy River 4	McNiven 1989	McNiven 1992b	McNiven 1992b		
Maroochy River 4	McNiven 1989	McNiven 1992b	McNiven 1992b		
Mazie Bay	Hermes 1984	Kelly 1982	Rowland 1980	Rowland 1981	Rowland 1982b
	Rowland 1983	Rowland 1985a	Rowland 1992	Rowland 1996	Rowland 1999
	Ward & Little 2000				
Mickey Springs 31	Morwood 1990a				
Mickey Springs 33	Morwood 1990a				
Mickey Springs 34	Morwood 1990a	Morwood & Godwin 1982	Kelly 1982	Smith 1986	
Midden in Ridge 4	Beaton 1981	David & Lourandos 1997			
Midden in Ridge 5	Beaton 1981	David & Lourandos 1997			
Middle Island Sandblow Site	Lilley 1994	Lilley et al. 1997	Ulm & Lilley 1999		
Minner Dint	Hall 1980a	Hall 1980b	Hall 1982	Walters 1979	Walters 1986
Mitchell River Cave	David 1991b	David 1994	David & Chant 1995	David & Lourandos 1997	
Monkey Beach	Rowland 1980	Rowland 1982b	Rowland 1992		
Monkey Point	Kelly 1982	Rowland 1980	Rowland 1982b	Rowland 1992	
Moon Point	Kelly 1982				
Mordor Cave	Chillagoe Caving Club 1988	Dagg 1992	David 1992c	David 1994	David & Chant 1995
	David & Dagg 1993	David & Lourandos 1997			
Mort Creek Site Complex	Carter 1997	Carter 1999	Carter et al. 1999	Lilley et al. 1999a	Lilley et al. 1996
	Ulm & Lilley 1999				
Mother Mound on Ridge 3	Beaton 1981	David & Lourandos 1997			
Mt Roundback	Archer 1977	Archer & Brayshaw 1978	Brayshaw 1975	Brayshaw 1977	Brayshaw 1990
	Kelly 1982	Small 1992			
Mulgrave River 1	Horsfall 1987				
Mulgrave River 2	Horsfall 1987	Horsfall 1996			
Mungana Site Rock Art	Armitage et al. 1998	David et al. 1999	David & Lourandos 1998	David et al. 1994	
Murderers Bore Rockshelter	Robins 1993				
Mushroom Rock East	David & Lourandos 1997	L'Oste-Brown 1991	Morwood 1993	Morwood et al. 1995b	Rosenfeld et al. 1981
	Treize 1971	Wright 1963	Wright 1971		
Mushroom Rock West	David & Lourandos 1997	L'Oste-Brown 1991	Morwood 1993	Morwood et al. 1995b	Rosenfeld et al. 1981
	Treize 1971	Wright 1963	Wright 1971		
Naghi Beach	Barham et al. in prep.	Kelly 1982	Rowland 1985b		
Nara Inlet 1	Barker 1989	Barker 1991	Barker 1993	Barker 1995	Barker 1996
	Barker 1999	Barker et al. 1997	Barker & Schon 1994	Rowland 1986	
Nara Inlet Art Site	Barker 1995	Barker 1996	Barker et al. 1997	Barker & Schon 1994	Brian 1994
	Colfelt & Bradley 1980	Marshall 1935	Rowland 1986	Sale & Barker 1992	Sale & Watchman 1993

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Nara Inlet Art Site	Walsh 1985	Walsh 1988			
Native Well 1	Morwood 1979	Morwood 1981	Morwood 1984	Smith 1986	
Native Well 2	Morwood 1979	Morwood 1981	Morwood 1984	Smith 1986	
NE Moreton Island 1	Lilley & Hall 1988				
NE Moreton Island 5	Lilley & Hall 1988				
NE Moreton Island 16	Lilley & Hall 1988				
NE Moreton Island 21A	Lilley & Hall 1988				
NE Moreton Island 27	Lilley & Hall 1988				
New Brisbane Airport	Hall 1990	Hall & Lilley 1987	Ulm 1995	Ulm & Hall 1996	Walters 1992c
Ngarrabulligan Cave	Bird et al. 1999	David 1992a	David 1992c	David 1993	David 1994
	David & Chant 1995	David & Lourandos 1997	David et al. 1998	David et al. 1997	David & Wilson 1999
	Fullagar & David 1997	Gould 1978	Grainer et al. 1992	Lamb 1993	
	David & Wilson 1999				
Nonda Rock	Neal 1984	Richardson 1984	Walters 1986		
NRS Site 8	Neal 1984	Richardson 1984	Walters 1986		
NRS Site 19	Neal 1984	Richardson 1984	Walters 1986		
NRS Site 22	Richardson 1984	Walters 1986			
Old Doomadgee 1	Robins et al. 1998				
One-Tree	Hall 1982				
Painted Ell	David & Wilson 1999				
Pancake Creek Site Complex	Burke 1993	Ulm & Lilley 1999			
PCB 13	Beaton 1981	David & Lourandos 1997			
PCB 111	Beaton 1981	David & Lourandos 1997			
PCB 141	Beaton 1981	David & Lourandos 1997			
Pillar Cave	Mardaga-Campbell 1986				
Platform Gallery Rockshelter	Anon. 1967	Kelly 1982	Polach et al. 1967	Woolston 1965	
Platypus Rockshelter	Francis 2000	Hall 1980a	Hall 1982	Hall & Hiscock 1988	Hiscock & Hall 1988a
	Lilley 1982	Novello 1989	Skelton 1996		
	Bermingham 1966	Bermingham 1971	Lauer 1986	Neal 1989	
Polka Point	David & Wilson 1999				
Quinine Bush Shelter	Cole 1998	Cole 2000	Cole & Watchman 1992	Cole et al. 1995	
Quinkan B6 Rockshelter Rock Art	Morwood 1990a				
Quijpenburra Cave	David 1992b	David 1994	David et al. 1999	David & Chant 1995	David & Lourandos 1997
Racecourse Site Rock Art	David & Lourandos 1998	David et al. 1998			
	Beaton 1977	Beaton 1991a	Webb 1992		
Rainbow Cave	Morwood 1984				
Rainbow Cave 2	Rowland 1980	Rowland 1982b	Rowland 1992		
Red Beach	Dagg 1991	David & Lourandos 1997	Morwood 1995b	Treize 1971	
Red Bluff 1	Dagg 1991	David & Lourandos 1997	L'Oste-Brown 1992	Morwood & L'Oste-Brown 1995	
Red Horse	Barham et al. in prep.	Moore 1974	Moore 1979	Rowland 1985b	
Red Island Point	Cole 1998	Watchman 2000			
Red Lady Rock Art	Chapman 1999	Lilley et al. 1998	Westcott et al. 1999a		
Road Cave 1	Chapman 1999	Eales 1998	Eales 1999	Eales et al. 1999	Firinu 1999
Roof Fall Cave	Lilley et al. 1997	Lilley et al. 1998			

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Saibai Village Store	Barham 1999				
Saint-Smith Midden	Hall 1995	Ulm 1995	Ulm & Hall 1996		
Sandstone Point	Crooks 1982	Gillespie & Temple 1979	Haglund 1974	Hall 1982	Nolan 1986
	Walters 1986	Walters 1989	Walters 1992a	Walters 1992b	
Sandy Creek 1	Cole 1998	Cole et al. 1995	David & Lourandos 1997	Morwood 1989a	Morwood 1989b
	Morwood 1990b	Morwood 1990c	Morwood 1993	Morwood et al. 1995a	Morwood & Trezise 1989
	Pearson 1990	Stephens 1990	Sutton 1990	L'Oste-Brown 1992	
Sandy Creek 2	Cole et al. 1995	Dagg 1992	L'Oste-Brown 1992	Morwood et al. 1995a	
Scraggy Point	Campbell 1979	Campbell 1982a	Campbell 1982b	Campbell 1984	
Seary-Brouftha Site	McNiven 1990a				
Selwyn Ranges 1	Mortlock et al. 1979				
Selwyn Ranges 2	Mortlock et al. 1979				
Seven Mile Creek Mound	Neal 1986	Rowland 1987	Ulm 2000	Ulm in press	Woolford 2000
Shelly Beach	Kelly 1982				
South Mound	Beaton 1981	Beaton 1985	David & Lourandos 1997		
Spitfire Creek	Neal 1984				
Split Rock Rock Art	Cole 1998	Cole 2000	Watchman 2000		
Spur Bay East	Border 1993	Border 1994	Border 1999	Rowland 1984	Ulm et al. 1995
St Bees Island Rockshelter	Border 1993	Border 1994	Busuttin-Windsor 1982		
St Helena Island	Alfredson 1983	Alfredson 1984a	Alfredson 1984b	Frankland 1990	Morwood 1980
	Walters 1986				
St Pauls Beach Midden	Ghaleb 1990				
Stockyard Point	Kelly 1982	Rowland 1982a			
Talgai Skull	Abbie 1951	David & Wilson 1914a	David & Wilson 1914b	Frankel 1982	Gill 1978a
	Gill 1978b	Helman 1934	Hendy et al. 1973	Langham 1978	Macintosh 1952
	Macintosh 1965	Macintosh 1967a	Macintosh 1967b	Macintosh 1969	Macintosh 1973
	Macintosh 1974	Mahony 1943a	Mahony 1943b	Oakley et al. 1975	Pardoe 1993
	Rafter et al. 1970	Ritchie 1979	Smith 1918	Urry 1978	Wood-Jones 1944
Teewah Beach 5D	McNiven 1990a				
Teewah Beach 26	McNiven 1990a	McNiven 1991a	McNiven 1992b	McNiven 1993	
The Tombs Rockshelter	Callow et al. 1963	Callow et al. 1965	MacLellan 1901	Mulvaney 1962	Mulvaney 1964
	Mulvaney 1971	Mulvaney 1975	Mulvaney & Joyce 1965	Redmond 1963	
Tin Can Bay 75b	McNiven 1990a	McNiven 1991b			
Tom's Creek Site Complex	Francis 1999	Ulm & Lilley 1999	Vernon 1999		
Toulkerrie	Bowen 1989	Donoghue 1979	Gillieson 1984	Hall 1980a	Hall 1980b
	Hall 1982	Hall 1984	Hall 1988a	Hall 1988b	Hall & Bowen 1989
	Hall & Bowen 1990	Walters 1979	Walters 1980	Walters 1986	Walters & Hall 1980
Townsville Common	Belperio 1978	Kelly 1982			
Tunnel Shelter	David & Wilson 1999				
Turtle Rock	Morwood 1979	Morwood 1981			
Turtle Rock Rockshelter	Campbell 1978	Campbell 1982b	Campbell 1984	Mardaga-Campbell & Campbell 1985	
Walaemini Rockshelter	Beaton 1985	David & Lourandos 1997			
Walkunder Arch Cave	Birkett 1983	Birkett 1985	Campbell 1982b	Campbell 1984	Campbell et al. 1996

Index of Dates from Archaeological Sites in Queensland

Ulm and Reid

SECTION 5: Site References

Site Name	General Reference	General Reference	General Reference	General Reference	General Reference
Walkunder Arch Cave	Campbell & Mardaga-Campbell 1993	David 1983	David 1984a	David 1984b	David 1988
Wallen Wallen Creek	David 1991a	Mardaga-Campbell 1995	Watchman 2000	Watchman & Hatté 1996	
Wanderer's Cave	Gowlett et al. 1987	Neal & Stock 1986	Walters 1986		
Webber Swamp 100	Beaton 1977	Beaton 1991a	Webb 1992		
Weipa 5	McNiven 1990a				
Weipa 6	Stone 1992				
Weipa 7	Stone 1992				
Weipa 8	Stone 1992				
Weipa 9	Stone 1992				
Weipa 10	Stone 1992				
Weipa 11	Stone 1992				
Weipa 12	Stone 1992				
Weipa 13	Stone 1992				
Weipa 14	Stone 1992				
Weipa 16	Stone 1992				
Weipa 17	Stone 1992				
Weipa 18	Stone 1992				
Weipa 19	Stone 1992				
Weipa 20	Stone 1992				
Weipa 20A	Stone 1992				
Weipa 21	Stone 1992				
Weipa 23	Stone 1992				
Weipa 24	Stone 1992				
Weipa 25	Stone 1992				
Weipa 26	Stone 1992				
Weipa 27	Stone 1992				
Weipa 28	Stone 1992				
Weipa 29	Stone 1992				
Weipa 30	Stone 1992				
Weipa 31	Stone 1992				
Weipa 32	Stone 1992				
Weipa 33	Stone 1992				
Weipa C14#4	Stone 1992				
Weipa G10E	Stone 1992				
Weipa Mound M3	Bailey et al. 1994				
Weipa Mound M34	Bailey et al. 1994				
Weipa Mound M37	Bailey et al. 1994				
Weipa Mound M39	Bailey et al. 1994				
Weipa Mound M39b	Bailey et al. 1994				
Weipa Mound M509	Bailey et al. 1994				
White Patch Site 3	Crooks 1982	Stone 1992			
Whites Bore III	Robins 1993	Gillespie & Temple 1979	Hall 1982	Kelly 1982	

Site Name	General Reference	General Reference	General Reference	General Reference
Whites Bore IV	Robins 1993			
Woam	Barham 1999	Barham & Harris 1983	Barham & Harris 1985	Rowland 1985b
Wreck Beach	Rowland 1980	Rowland 1982b	Rowland 1983	Rowland 1992
Wreck Beach Extension 1	Rowland 1980	Rowland 1982b	Rowland 1983	Rowland 1992
Wunjunga BM0	Campbell 1982b	Campbell 1984	Kelly 1982	Small 1992
Wunjunga I/3	Bird 1987	Small 1992		
Wunjunga I/25	Bird 1987	Campbell 1982b	Campbell 1984	Kelly 1982
Wunjunga I/47	Bird 1987	Campbell 1982b	Campbell 1984	Small 1992
Wunjunga III/79	Bird 1987			
Wunjunga III/81	Bird 1987			
Yam Camp	Cole 1998	Cole 2000	Cole & Watchman 1992	Dagg 1992
	Hutchet 1990	L'Oste-Brown 1992	Morwood 1989a	Morwood 1990b
	Morwood & Dagg 1995	Pearson 1989	Watchman & Cole 1993	Morwood 1993
Youlain Springs	Robins 1993	Robins 1998		
				David & Lourandos 1997
				Morwood 1993

SECTION 6:

Index of Sites by Principal Investigator

SECTION 6: Index of Sites by Principal Investigator

Investigator	Site Name	Investigator	Site Name
Alfredson, Gillian	Lake Coombabah	Beaton, John	Weipa Mound M509
	St Helena Island		Belperio, Antonio
Bailey, Geoff	Kwamter Mound	Gainsford 2	
	Weipa Mound M3	Townsville Common	
	Weipa Mound M34	Bird, Michelle	Wunjunga I/3
	Weipa Mound M37		Wunjunga I/25
	Weipa Mound M39		Wunjunga III/79
	Weipa Mound M39b		Wunjunga III/81
	Weipa Mound M509	Border, Andrew	Cape Palmerston
Barham, Anthony	Bera Hill		Castle Rock Cave
	Gumu		Curlew Island Open Site
	Long Beach		Curlew Island Rockshelter
	Saibai Village Store		Marble Island
	St Pauls Beach Midden		Spur Bay East
Woam	St Bees Island Rockshelter		
Barker, Bryce	Border Island 1	Brayshaw, Helen	Herveys Range B
	Hill Inlet 1		Jourama Rockshelter
	Nara Inlet 1		Kennedy A
	Nara Inlet Art Site		Mt Roundback
Beaton, John	Alkaline Hill	Campbell, John	Jiyer Cave
	Cathedral Cave		Leefe Peak
	Endaen Rockshelter		Scraggy Point
	Midden in Ridge 4		Shelly Beach
	Midden in Ridge 5		Turtle Rock Rockshelter
	Mother Mound on Ridge 3		Walkunder Arch Cave
	PCB 13		Wunjunga BM0
	PCB 111		Wunjunga I/25
	PCB 141		Wunjunga I/47
	Rainbow Cave		Cole, Noelene
	Rainbow Cave 2	Kennedy River (Shelter B) Rock Art	
	South Mound	Quinkan B6 Rockshelter Rock Art	
	Walaemini Rockshelter	Red Lady Rock Art	
	Wanderer's Cave	Sandy Creek 1 Rock Art	
	Weipa 5	Sandy Creek 2 Rock Art	
	Weipa 6	Split Rock Rock Art	
	Weipa 7	Conaghan, P.J.	Deception Bay 1
	Weipa 8		Deception Bay 2
	Weipa 9	David, Bruno	Bush Peg Shelter
	Weipa 10		Chillagoe Site 55 Rock Art
	Weipa 11		Chillagoe Site 62 Rock Art
	Weipa 12		Chillagoe Site 75 Rock Art
	Weipa 13		Courtyard Rock
	Weipa 14		Dragonfly Hollow
	Weipa 16		Echidna's Rest
	Weipa 17		Fern Cave
	Weipa 18		Fig Tree Shelter
	Weipa 19		Gorge Creek Shelter
	Weipa 20		Grass Tree Shelter
	Weipa 20A		Hand Shelter
	Weipa 21		Hearth Cave
	Weipa 23		Initiation Cave
	Weipa 24		Kookaburra Rock
	Weipa 25		Lookout Shelter
	Weipa 26		Mitchell River Cave
	Weipa 27		Mordor Cave
Weipa 28	Mungana Site Rock Art		
Weipa 29	Ngarrabullgan Cave		
Weipa 30	Nonda Rock		
Weipa 31	Painted Ell		
Weipa 32	Quinine Bush Shelter		
Weipa 33	Racecourse Site Rock Art		
Weipa C14#4	Tunnel Shelter		
Weipa G10E	Davidson, Iain		Cuckadoo 1

SECTION 6: Index of Sites by Principal Investigator

Investigator	Site Name	Investigator	Site Name
Eales, Tony	Grinding Groove Cave	McNiven, Ian	Teewah Beach 5D
	Roof Fall Cave		Teewah Beach 26
Edmonds, Vanessa	Bishop's Peak		Tin Can Bay 75b
Flood, Josephine	Echidna Shelter		Webber Swamp 100
	Green Ant Shelter	Mills, Robynne	Freshwater Bay Midden
Flood, Peter	Deception Bay 3	Moore, David	Cape Cornwall
	Deception Bay 4		Evans Bay
	Deception Bay 5	Red Island Point	
Ghaleb, Barbara	Gumu	Mortlock, A.J.	Selwyn Ranges 1
Gill, Edmund	Talgai Skull		Selwyn Ranges 2
Grimes, Ken	Moon Point	Morwood, Mike	Boonah Shelter
Haglund, Liala	Broadbeach Burial Ground		Gatton Shelter
	Sandstone Point		Giant Horse
	White Patch Site 3		Goat Rock
Hall, Jay	Bribie Island 9		Gyranda 5
	Brown's Road		Gyranda 8
	Bushranger's Cave		Gyranda 13
	Christmas Creek		Gyranda 17
	Minner Dint		Ken's Cave
	New Brisbane Airport		Magnificent Gallery
	One-Tree		Maidenwell Shelter
	Platypus Rockshelter		Mickey Springs 31
	Saint-Smith Midden		Mickey Springs 33
	Sandstone Point		Mickey Springs 34
	Toulkerrie		Mushroom Rock West
Hiscock, Peter	Colless Creek Cave		Mushroom Rock East
	DH Site	Native Well 1	
	Lake Toomaroo	Native Well 2	
	Louie Creek Cave	Quippenburra Cave	
Hopley, David	Abbott Bay	Red Bluff 1	
Horsfall, Nicky	Bramston Beach Midden	Red Horse	
	Jiyer Cave	Sandy Creek 1	
	Mulgrave River 1	Sandy Creek 2	
Hughes, Phil	Mulgrave River 2	Turtle Rock	
	Colless Creek Cave	Yam Camp	
Lauer, Peter	Fraser Island 217/15	Mulvaney, John	Kenniff Cave
	Fraser Island 796/54		The Tombs Rockshelter
	Fraser Island 799/54	Neal, Robert	Aranarawai Beach Ridge II
Lilley, Ian	Big Foot Art Site		Polka Point
	Boulder 1		Spitfire Creek
	Eurimbula Site 1		Wallen Wallen Creek
	Grinding Groove Cave	Richardson, Norma	NRS Site 8
	Mort Creek Site Complex		NRS Site 19
	NE Moreton Island 1		NRS Site 22
	NE Moreton Island 5	Robins, Richard	Bayley Point Mound 3
	NE Moreton Island 16		Cape Flattery
	NE Moreton Island 21A		First Ridge
	NE Moreton Island 27		Gunamula
	Road Cave 1		Kaponyee Springs I
	Roof Fall Cave		Kaponyee Springs II
	Lourandos, Harry		Hay Cave
Mardaga-Campbell, Miranda	Pillar Cave		Lake Numalla I
	Walkunder Arch Cave		Lake Numalla II
McNiven, Ian	Booral Homestead Midden		Little Sandhills
	Booral Shell Mound		Murderers Bore Rockshelter
	Brooyar Rockshelter		Old Doomadgee 1
	Cameron Point 62		Whites Bore III
	Double Island Point 1		Whites Bore IV
	Kabali Road Scatter	Youlain Springs	
	King's Bore Site 97	Rosenfeld, Andree	Early Man Rockshelter
	Maroochy River 2		Rowland, Mike
	Maroochy River 4	Clam Bay	
	Seary-Broutha Site	Long Beach	

SECTION 6: Index of Sites by Principal Investigator

Investigator	Site Name	Investigator	Site Name
Rowland, Mike	Mazie Bay	Ulm, Sean	Ironbark Site Complex
	Monkey Beach		Middle Island Sandblow Site
	Monkey Point		Mort Creek Site Complex
	Naghi Beach		Pancake Creek Site Complex
	Red Beach		Seven Mile Creek Mound
	Spur Bay East		Tom's Creek Site Complex
	Stockyard Point		Walters, Ian
	Wreck Beach	Sandstone Point	
	Wreck Beach Extension 1	Ward, W.T.	Cribb Island
Stone, Tim	Kwamter Mound	Watchman, Alan	Walkunder Arch Cave Rock Art
Tugby, Donald	Polka Point		Yam Camp Rock Art
Ulm, Sean	Eurimbula Creek 1	Woolston, F.P.	Platform Gallery Rockshelter
	Eurimbula Creek 2	Wright, Richard	Kwamter Mound
	Eurimbula Site 1		Mushroom Rock West

SECTION 7:

Index of Sites by Alternative Site Name

SECTION 7: Index of Sites by Alternative Site Name

Alternative Site Name	Site Name	Alternative Site Name	Site Name
9-Mile Shelter	Cathedral Cave	Jourama Rockshelter	Jourama Rockshelter
Abbott Bay Shell Midden	Abbott Bay	Kennedy	Kennedy A
Ash Cave	Initiation Cave	Kennedy Cave	Kennedy A
Beach Mount	Wunjunga III/79	Kennedy Rockshelter A	Kennedy A
	Wunjunga III/81	King's Bore Sandblow 97	King's Bore Site 97
Beach Mount BM2	Wunjunga I/25	Laura Shelter	Mushroom Rock West
Beach Mount BM2A	Wunjunga I/25	Mickey Spring Gorge	Mickey Springs 34
Beach Mount BM4	Wunjunga I/47	Mount Roundback	Mt Roundback
Beach Mount BMO	Wunjunga BMO	Mt Roundback Rockshelter	Mt Roundback
Beach Mount I/3	Wunjunga I/3	Muralag	Cape Cornwall
Booral Shell Midden	Booral Shell Mound	Murderers Bore 1	Murderers Bore Rockshelter
Bribie Island	White Patch Site 3	Naghi Island	Naghi Beach
Bribie Island Site 3	White Patch Site 3	Ngarrabullgan	Ngarrabullgan Cave
Brown's Road Campsite	Brown's Road	Ngarrabullgin	Ngarrabullgan Cave
CM56	Echidna's Rest	Nullabullgin	Ngarrabullgan Cave
Colless Creek Rockshelter	Colless Creek Cave	Nurrabullgin	Ngarrabullgan Cave
Cooloola Site 97	King's Bore Site 97	Nurrabullgin 1	Initiation Cave
East Spur	Spur Bay East	Pigeon Creek Site	Gatton Shelter
Embley River	Kwamter Mound	Port Lihou Bay	Cape Cornwall
First Ridge 19b	First Ridge	Rocky Scrub Creek	Gatton Shelter
Fraser Island, Moon Point	Moon Point	Rodds Peninsula Site Complex	Mort Creek Site Complex
Goat Rock 1	Goat Rock	Seegan	Long Beach
Green Ant Rockshelter	Green Ant Shelter	St George River Shelter	Kennedy River (Shelter B) Rock Art
Gumu 111	Gumu	St Pauls Meach Midden 04	St Pauls Beach Midden
Gumu III	Gumu	The Tombs	The Tombs Rockshelter
Hervey Range Rockshelter B	Herveys Range B	Toulkerrie Shell Midden	Toulkerrie
Hervey's Range	Herveys Range B	Walaimini Rockshelter	Walaemini Rockshelter
Hill Inlet Rock Site 1	Hill Inlet 1	Weipa Red Beach	Weipa Mound M509
Jiger Cave	Jiyer Cave	Weipa Shell Midden	Kwamter Mound

SECTION 8:

Index of Sites by Conventional Radiocarbon Age (TL & OSL dates excluded)

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
>37170	NA	Ngarrabullgan Cave	16100	130	Walkunder Arch Cave Rock Art
36100	800	Ngarrabullgan Cave	15950	770	Walkunder Arch Cave
35500	600	Ngarrabullgan Cave	15910	200	Mitchell River Cave
35460	+750/-690	Ngarrabullgan Cave	15900	260	Kenniff Cave
35200	+630/-580	Ngarrabullgan Cave	15820	190	Colless Creek Cave
35200	+720/-660	Ngarrabullgan Cave	15720	380	Roof Fall Cave
34600	350	Ngarrabullgan Cave	15450	1500	Early Man Rockshelter
34580	+580/-540	Ngarrabullgan Cave	15270	210	Cuckadoo 1
34350	+720/-660	Ngarrabullgan Cave	14980	235	Kenniff Cave
34230	+600/-560	Ngarrabullgan Cave	14210	230	Louie Creek Cave
34200	300	Ngarrabullgan Cave	14150	160	Colless Creek Cave
33630	+480/-450	Ngarrabullgan Cave	14150	255	Kenniff Cave
33470	+580/-540	Ngarrabullgan Cave	14140	225	Kenniff Cave
33420	+490/-460	Ngarrabullgan Cave	13830	630	Youlain Springs
33400	3750	Ngarrabullgan Cave	13810	260	Youlain Springs
33320	+480/-450	Ngarrabullgan Cave	13710	260	Roof Fall Cave
33200	450	Ngarrabullgan Cave	13650	240	Wallen Wallen Creek
33170	+570/-530	Ngarrabullgan Cave	13620	160	Colless Creek Cave
33100	550	Ngarrabullgan Cave	13500	400	Wallen Wallen Creek
33100	2100	Ngarrabullgan Cave	13490	110	Walkunder Arch Cave
33000	450	Ngarrabullgan Cave	13230	440	Youlain Springs
33000	450	Ngarrabullgan Cave	13200	170	Early Man Rockshelter
32900	550	Ngarrabullgan Cave	13200	300	Kenniff Cave
32700	450	Ngarrabullgan Cave	13150	120	Walkunder Arch Cave
32540	+630/-590	Ngarrabullgan Cave	13040	220	Wallen Wallen Creek
32400	400	Ngarrabullgan Cave	12900	170	Kenniff Cave
32300	500	Ngarrabullgan Cave	12840	100	Walkunder Arch Cave Rock Art
32200	500	Ngarrabullgan Cave	12820	230	Youlain Springs
31900	+700/-600	Sandy Creek 1	12780	90	Walkunder Arch Cave
31800	1650	Ngarrabullgan Cave	12620	370	Sandy Creek 1
31510	+490/-460	Ngarrabullgan Cave	12610	110	Kenniff Cave
31300	1900	Ngarrabullgan Cave	12600	2800	Early Man Rockshelter
31100	400	Ngarrabullgan Cave	12430	95	Cuckadoo 1
30960	+550/-520	Ngarrabullgan Cave	12400	300	Talgai Skull
30700	250	Ngarrabullgan Cave	12250	80	Cuckadoo 1
30300	800	Fern Cave	12140	150	Kenniff Cave
30000	600	Ngarrabullgan Cave	12120	510	Cuckadoo 1
29700	500	Walkunder Arch Cave Rock Art	11990	70	Wallen Wallen Creek
28800	1100	Ngarrabullgan Cave	11870	110	Walkunder Arch Cave
28100	400	Walkunder Arch Cave Rock Art	11850	210	Early Man Rockshelter
26010	410	Fern Cave	11650	100	Talgai Skull
25800	280	Walkunder Arch Cave Rock Art	11090	235	Kenniff Cave
25710	490	Fern Cave	10910	140	Native Well 1
24600	220	Sandy Creek 2 Rock Art	10770	135	Native Well 2
22800	210	Walkunder Arch Cave Rock Art	10400	90	Walkunder Arch Cave Rock Art
21800	400	Wallen Wallen Creek	10280	180	Kenniff Cave
21500	250	Hearth Cave	10250	90	Magnificent Gallery
21430	400	Wallen Wallen Creek	10240	420	Walkunder Arch Cave
20890	260	Fern Cave	10200	300	Broadbeach Burial Ground
20800	160	Walkunder Arch Cave Rock Art	10200	210	Fern Cave
20560	250	Wallen Wallen Creek	10120	60	Tunnel Shelter
19520	170	Walkunder Arch Cave	9920	250	Mickey Springs 34
18800	480	Kenniff Cave	9810	130	Wallen Wallen Creek
18680	180	Walkunder Arch Cave	9800	220	The Tombs Rockshelter
18600	+900/-800	Louie Creek Cave	9790	60	Talgai Skull
18200	450	Early Man Rockshelter	9760	140	Wallen Wallen Creek
17500	+900/-800	Wallen Wallen Creek	9650	100	Kenniff Cave
17290	470	Colless Creek Cave	9640	120	Wallen Wallen Creek
17200	100	Fern Cave	9590	490	Talgai Skull
16900	280	Yam Camp	9530	335	Talgai Skull
16420	260	Wallen Wallen Creek	9470	120	Walkunder Arch Cave Rock Art
16170	260	Colless Creek Cave	9410	100	The Tombs Rockshelter
16130	140	Kenniff Cave	9300	200	Kenniff Cave

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
9270	100	Bushranger's Cave	5070	250	Colless Creek Cave
9270	70	Sandy Creek 1 Rock Art	5020	90	Kenniff Cave
9160	85	Talgai Skull	4930	50	Quinine Bush Shelter
9070	80	Mickey Springs 34	4830	110	New Brisbane Airport
8810	130	Louie Creek Cave	4780	80	Teewah Beach 26
8660	340	Green Ant Shelter	4730	40	Talgai Skull
8320	120	Sandy Creek 1	4720	100	Bushranger's Cave
8310	80	Mickey Springs 34	4690	100	Colless Creek Cave
8310	120	Red Horse	4650	100	Kenniff Cave
8300	115	Talgai Skull	4560	70	Talgai Skull
8240	50	Colless Creek Cave	4540	80	Platypus Rockshelter
8200	90	Wallen Wallen Creek	4450	80	Dragonfly Hollow
8150	80	Nara Inlet 1	4410	80	Wallen Wallen Creek
8110	270	Youlain Springs	4360	80	Cuckadoo 1
8090	110	Bushranger's Cave	4360	100	DH Site
8080	100	Mickey Springs 34	4350	190	Green Ant Shelter
7980	80	Nonda Rock	4350	220	Hope Island
7890	110	Talgai Skull	4320	90	Jiyer Cave
7830	80	Sandy Creek 2	4320	90	Native Well 1
7690	210	Roof Fall Cave	4320	80	Wanderer's Cave
7613	80	Sandy Creek 1	4300	70	Maidenwell Shelter
7550	250	Green Ant Shelter	4290	90	Wallen Wallen Creek
7530	160	Mickey Springs 33	4280	120	Youlain Springs
7530	110	Red Bluff 1	4274	94	Mazie Bay
7480	100	Colless Creek Cave	4270	70	Cuckadoo 1
7460	100	Walkunder Arch Cave	4270	250	Cuckadoo 1
7280	130	Echidna Shelter	4270	110	Turtle Rock Rockshelter
7230	750	Red Lady Rock Art	4230	90	Native Well 1
7085	135	Walkunder Arch Cave Rock Art	4190	80	Mazie Bay
7040	70	Big Foot Art Site	4190	80	Mazie Bay
7010	110	Roof Fall Cave	4170	60	Big Foot Art Site
7000	250	Green Ant Shelter	4160	60	Bush Peg Shelter
6950	80	Wallen Wallen Creek	4160	100	Mazie Bay
6870	150	Mushroom Rock West	4140	70	Mazie Bay
6790	70	Walkunder Arch Cave Rock Art	4130	90	Kenniff Cave
6655	80	Sandy Creek 2 Rock Art	4110	70	Initiation Cave
6530	138	Split Rock Rock Art	4110	120	Turtle Rock Rockshelter
6440	90	Border Island 1	4100	120	Hearth Cave
6340	70	Green Ant Shelter	4100	50	Walkunder Arch Cave
6340	100	Green Ant Shelter	4090	80	Red Horse
6320	70	Red Horse	4060	80	Early Man Rockshelter
6240	140	Roof Fall Cave	4030	90	Mazie Bay
6200	160	Magnificent Gallery	4010	90	Mushroom Rock West
6190	100	Native Well 1	3990	60	Nara Inlet 1
6170	50	Border Island 1	3990	70	Ngarrabullgan Cave
6120	150	Platform Gallery Rockshelter	3910	80	New Brisbane Airport
6108	91	Youlain Springs	3890	70	Alkaline Hill
5990	110	Cuckadoo 1	3860	60	Jiyer Cave
5970	400	Echidna Shelter	3850	170	Platypus Rockshelter
5820	110	Bushranger's Cave	3830	90	Kenniff Cave
5680	115	Deighton Lady Rock Art	3820	120	Gatton Shelter
5570	120	Roof Fall Cave	3810	80	Sandy Creek 2
5540	100	Bushranger's Cave	3800	70	Mazie Bay
5430	130	Cuckadoo 1	3780	60	Seven Mile Creek Mound
5410	60	Ngarrabullgan Cave	3770	150	Roof Fall Cave
5400	230	Echidna Shelter	3760	130	Townsville Common
5380	90	Early Man Rockshelter	3760	90	Walkunder Arch Cave
5370	140	Kenniff Cave	3750	80	Giant Horse
5290	60	Initiation Cave	3750	60	Seven Mile Creek Mound
5210	80	Walaemini Rockshelter	3720	70	Hope Island
5130	140	Jiyer Cave	3710	60	Walkunder Arch Cave
5110	100	Jiyer Cave	3700	60	Gorge Creek Shelter
5100	70	Mickey Springs 31	3700	60	Walkunder Arch Cave

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
3670	100	Walkunder Arch Cave	2820	60	Walkunder Arch Cave
3660	80	Jiyer Cave	2810	150	Sandy Creek 1 Rock Art
3660	60	Seven Mile Creek Mound	2800	80	Courtyard Rock
3610	70	Seven Mile Creek Mound	2800	300	Turtle Rock
3600	70	Mazie Bay	2790	80	Booral Shell Mound
3600	100	Rainbow Cave	2784	85	Deighton Lady Rock Art
3600	93	The Tombs Rockshelter	2770	110	Eurimbula Site 1
3570	60	Seven Mile Creek Mound	2750	80	Rainbow Cave 2
3560	80	Cathedral Cave	2740	70	Ngarrabullgan Cave
3560	100	King's Bore Site 97	2740	70	Spur Bay East
3550	70	Walkunder Arch Cave	2720	120	Hill Inlet 1
3540	80	Seven Mile Creek Mound	2720	60	Mort Creek Site Complex
3500	60	Seven Mile Creek Mound	2700	110	Weipa Mound M34
3494	84	Hearth Cave	2690	100	Mulgrave River 2
3480	200	Grinding Groove Cave	2686	69	Grinding Groove Cave
3460	80	Bushranger's Cave	2680	60	Mort Creek Site Complex
3450	70	Mazie Bay	2680	90	Walkunder Arch Cave
3430	140	Mort Creek Site Complex	2670	290	Chillagoe Site 75 Rock Art
3420	90	Walkunder Arch Cave	2670	70	Walkunder Arch Cave
3410	60	Walkunder Arch Cave	2660	60	Booral Shell Mound
3400	170	Colless Creek Cave	2650	60	Brooyar Rockshelter
3400	80	Sandy Creek 1	2650	160	Jiyer Cave
3400	97	The Tombs Rockshelter	2620	90	Bishop's Peak
3400	90	Turtle Rock Rockshelter	2600	70	Hope Island
3380	90	Mort Creek Site Complex	2600	60	Walkunder Arch Cave
3370	130	Colless Creek Cave	2570	60	Mort Creek Site Complex
3360	60	Mickey Springs 34	2550	90	Kenniff Cave
3350	350	Mungana Site Rock Art	2530	60	Walkunder Arch Cave
3340	80	Early Man Rockshelter	2510	50	Boonah Shelter
3340	60	Walkunder Arch Cave Rock Art	2510	130	Spur Bay East
3330	80	Cathedral Cave	2500	60	Lake Coombabah
3330	440	Chillagoe Site 55 Rock Art	2480	60	Booral Shell Mound
3290	60	Boulder 1	2480	70	Platypus Rockshelter
3280	80	Bribie Island 9	2470	80	Native Well 2
3280	100	Quippenburra Cave	2450	230	Green Ant Shelter
3270	60	Christmas Creek	2440	150	Echidna's Rest
3260	110	Border Island 1	2440	120	Mitchell River Cave
3260	70	Mort Creek Site Complex	2440	80	Mort Creek Site Complex
3240	50	Boonah Shelter	2440	60	Ngarrabullgan Cave
3180	150	St Bees Island Rockshelter	2420	80	Booral Homestead Midden
3140	100	Teewah Beach 26	2420	90	Platypus Rockshelter
3130	70	Mazie Bay	2420	100	Walkunder Arch Cave
3090	70	Cuckadoo 1	2410	50	Initiation Cave
3050	160	Grinding Groove Cave	2410	80	Nara Inlet Art Site
3040	60	Walkunder Arch Cave	2410	80	Turtle Rock
3030	90	Gatton Shelter	2410	70	Walkunder Arch Cave
3020	70	Eurimbula Site 1	2403	90	Walkunder Arch Cave
3020	100	Polka Point	2400	110	Booral Homestead Midden
3000	80	Dragonfly Hollow	2390	60	Eurimbula Site 1
2970	80	Freshwater Bay Midden	2390	70	Eurimbula Site 1
2960	80	Cathedral Cave	2380	90	South Mound
2960	80	Kookaburra Rock	2380	70	Walkunder Arch Cave
2950	60	Booral Shell Mound	2380	70	Walkunder Arch Cave
2940	110	Colless Creek Cave	2360	70	Hearth Cave
2930	120	Curlew Island Rockshelter	2360	60	Walkunder Arch Cave
2930	80	Grinding Groove Cave	2350	70	Cape Palmerston
2930	60	Mort Creek Site Complex	2350	100	Mushroom Rock East
2890	60	Woam	2320	50	Mort Creek Site Complex
2880	50	Mort Creek Site Complex	2320	60	Red Bluff 1
2860	60	Road Cave 1	2300	90	Castle Rock Cave
2850	80	Early Man Rockshelter	2300	70	Cathedral Cave
2850	115	Quinkan B6 Rockshelter Rock Art	2290	80	King's Bore Site 97
2820	90	Endaen Rockshelter	2290	100	Sandstone Point

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
2290	80	Toulkerrie	1770	70	Mulgrave River 2
2280	190	Long Beach	1750	60	Booral Shell Mound
2280	50	Walkunder Arch Cave	1750	180	Chillagoe Site 55 Rock Art
2260	50	Mort Creek Site Complex	1750	90	Polka Point
2240	70	St Helena Island	1740	70	Gunamula
2230	70	South Mound	1740	50	Lake Toomaroo
2220	70	Walkunder Arch Cave	1730	70	Cathedral Cave
2170	80	Native Well 2	1730	80	Whites Bore III
2170	80	Walkunder Arch Cave	1725	80	PCB 141
2165	55	South Mound	1690	60	Cuckadoo 1
2165	55	South Mound	1690	90	Leefe Peak
2160	60	Jiyer Cave	1690	70	South Mound
2150	60	Freshwater Bay Midden	1670	60	Courtyard Rock
2150	80	Toulkerrie	1660	60	Lookout Shelter
2140	90	Leefe Peak	1650	120	Mt Roundback
2120	150	Echidna's Rest	1640	150	Ironbark Site Complex
2120	80	South Mound	1630	80	Kookaburra Rock
2120	70	Wallen Wallen Creek	1620	60	One-Tree
2110	80	South Mound	1620	70	South Mound
2100	80	Weipa 20	1600	160	Eurimbula Site 1
2090	90	Bushranger's Cave	1600	100	Kenniff Cave
2090	50	Nara Inlet 1	1600	45	Lookout Shelter
2090	90	South Mound	1600	80	Sandstone Point
2080	100	Chillagoe Site 55 Rock Art	1600	45	South Mound
2070	60	Weipa 18	1600	70	South Mound
2060	60	Grass Tree Shelter	1590	70	South Mound
2060	70	South Mound	1580	60	Kyeenee I
2056	81	Racecourse Site Rock Art	1580	70	Mordor Cave
2050	70	South Mound	1580	80	South Mound
2030	70	Brown's Road	1580	70	Weipa 24
2030	140	Ngarrabullgan Cave	1570	60	Green Ant Shelter
2030	60	Sandy Creek 2	1570	70	Weipa Mound M39b
2030	70	South Mound	1560	80	Polka Point
2030	80	South Mound	1560	60	Weipa Mound M39b
2010	70	South Mound	1550	60	Ngarrabullgan Cave
2010	80	Weipa 21	1540	60	Bayley Point Mound 3
2000	510	Chillagoe Site 75 Rock Art	1530	70	Walkunder Arch Cave
2000	80	Ken's Cave	1520	80	Gyranda 17
1990	90	Christmas Creek	1520	50	Mazie Bay
1990	60	Sandstone Point	1520	70	Walkunder Arch Cave
1980	70	Bushranger's Cave	1520	70	Wallen Wallen Creek
1980	70	South Mound	1520	80	Weipa 28
1970	80	Mort Creek Site Complex	1510	170	Deception Bay 1
1965	100	Fraser Island 796/54	1500	80	Hope Island
1960	110	Boonah Shelter	1500	110	Sandstone Point
1960	110	Fraser Island 217/15	1500	70	South Mound
1940	80	Pillar Cave	1500	70	South Mound
1940	90	Weipa Mound M37	1500	90	South Mound
1920	70	South Mound	1470	170	Echidna's Rest
1920	140	Walkunder Arch Cave	1470	80	Moon Point
1910	70	South Mound	1460	60	Weipa 12
1890	70	Sandy Creek 1	1455	140	Herveys Range B
1880	80	Aranarawai Beach Ridge II	1450	110	Jourama Rockshelter
1880	100	Lookout Shelter	1440	60	Fig Tree Shelter
1875	75	Mother Mound on Ridge 3	1440	50	Mulgrave River 2
1850	110	Turtle Rock Rockshelter	1430	50	Ngarrabullgan Cave
1835	85	Fraser Island 796/54	1420	60	Bishop's Peak
1830	110	Mushroom Rock West	1420	70	Louie Creek Cave
1810	80	Weipa 20A	1420	70	Walkunder Arch Cave
1800	80	Weipa 23	1420	80	Weipa 7
1790	60	Eurimbula Site 1	1420	60	Woam
1790	90	Weipa 27	1400	60	Ironbark Site Complex
1780	50	Cuckadoo 1	1390	100	Broadbeach Burial Ground

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
1390	70	Midden in Ridge 5	1070	50	Wallen Wallen Creek
1390	80	Weipa 26	1060	80	Magnificent Gallery
1380	70	Ken's Cave	1060	130	Weipa Mound M509
1370	50	Quippenburra Cave	1050	50	Grass Tree Shelter
1370	80	South Mound	1050	100	Gumu
1370	60	St Helena Island	1050	50	Gyranda 8
1360	50	Ngarrabullgan Cave	1050	70	PCB 141
1340	40	Marble Island	1040	60	Road Cave 1
1340	50	South Mound	1030	40	Kwamter Mound
1330	60	Walkunder Arch Cave	1020	70	Red Beach
1330	80	Weipa 29	1010	50	Ngarrabullgan Cave
1310	460	Echidna's Rest Rock Art	1000	65	Bayley Point Mound 3
1300	70	Bayley Point Mound 3	1000	120	Chillagoe Site 55 Rock Art
1300	60	Boonah Shelter	1000	70	Christmas Creek
1300	90	Cribb Island	1000	140	Deception Bay 1
1300	100	South Mound	995	70	Deception Bay 3
1290	60	Pillar Cave	990	485	Chillagoe Site 62 Rock Art
1280	70	Goat Rock	990	70	Kwamter Mound
1280	70	Kyeenee I	980	60	Booral Shell Mound
1280	50	Ngarrabullgan Cave	980	40	Kwamter Mound
1270	250	Chillagoe Site 62 Rock Art	980	50	Middle Island Sandblow Site
1270	80	Fraser Island 799/54	970	50	Ngarrabullgan Cave
1270	70	Native Well 1	970	60	Weipa 14
1260	80	Seven Mile Creek Mound	960	80	Roof Fall Cave
1250	80	Weipa 6	960	60	Weipa 31
1230	60	Ngarrabullgan Cave	950	60	Cameron Point 62
1230	50	Sandy Creek 1	950	70	Early Man Rockshelter
1230	50	Wallen Wallen Creek	950	50	Painted Ell
1220	50	Road Cave 1	950	80	Red Beach
1210	245	Kennedy River (Shelter B) Rock Art	950	100	Teewah Beach 26
1210	100	Maidenwell Shelter	950	50	Yam Camp
1210	60	Weipa 8	940	60	Mordor Cave
1200	440	Mungana Site Rock Art	940	50	Tom's Creek Site Complex
1190	100	Broadbeach Burial Ground	930	80	Kwamter Mound
1190	90	Midden in Ridge 5	930	70	Mitchell River Cave
1190	100	Sandstone Point	930	55	Ngarrabullgan Cave
1180	110	Broadbeach Burial Ground	930	60	Saint-Smith Midden
1180	80	Kwamter Mound	910	55	Ironbark Site Complex
1180	70	Road Cave 1	910	90	Kwamter Mound
1170	50	Cuckadoo 1	910	60	Walkunder Arch Cave
1160	140	Echidna Shelter	900	50	Jiyer Cave
1150	90	Chillagoe Site 55 Rock Art	900	80	Kwamter Mound
1150	60	Echidna's Rest	900	50	Walkunder Arch Cave
1150	70	First Ridge	890	60	Bayley Point Mound 3
1150	80	Lake Numalla II	890	70	Kwamter Mound
1150	50	Quinine Bush Shelter	890	50	Kyeenee I
1140	110	Fern Cave	890	50	Ngarrabullgan Cave
1140	100	Mitchell River Cave	890	50	Ngarrabullgan Cave
1130	130	Mt Roundback	890	80	Weipa 25
1130	60	Stockyard Point	890	70	Weipa Mound M509
1130	60	Wreck Beach	880	60	Curllew Island Open Site
1120	60	New Brisbane Airport	880	50	Gyranda 13
1120	430	Red Island Point	880	70	Tom's Creek Site Complex
1120	70	Weipa Mound M39	880	70	Whites Bore IV
1110	91	Broadbeach Burial Ground	870	60	Ngarrabullgan Cave
1110	10	South Mound	870	130	Pancake Creek Site Complex
1110	70	Tom's Creek Site Complex	870	70	Weipa 16
1100	70	Mushroom Rock East	870	80	Weipa Mound M3
1090	70	Gatton Shelter	860	80	Wunjunga BM0
1090	70	Lake Numalla I	855	80	Kwamter Mound
1080	50	Ngarrabullgan Cave	850	125	Herveys Range B
1080	NA	Quinkan B6 Rockshelter Rock Art	850	100	Midden in Ridge 4
1070	70	Teewah Beach 26	840	70	Echidna's Rest Rock Art

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
840	60	Maroochy River 4	670	50	Ngarrabullgan Cave
840	55	Sandy Creek 1 Rock Art	670	50	Pancake Creek Site Complex
840	80	Shelly Beach	670	95	White Patch Site 3
830	120	Curlew Island Rockshelter	660	70	Bramston Beach Midden
830	80	Kwamter Mound	660	50	Kyeenee I
830	60	Pillar Cave	650	130	Deception Bay 4
820	70	Early Man Rockshelter	650	60	Ironbark Site Complex
820	70	Wanderer's Cave	650	50	Nonda Rock
810	80	Courtyard Rock	630	40	Kwamter Mound
810	105	Kwamter Mound	630	70	Pancake Creek Site Complex
810	80	Sandstone Point	630	50	Tom's Creek Site Complex
800	50	Mordor Cave	630	60	Weipa 17
800	80	Pancake Creek Site Complex	620	170	Chillagoe Site 55 Rock Art
800	540	Quinkan B6 Rockshelter Rock Art	620	95	Sandstone Point
800	70	Weipa G10E	620	50	Tom's Creek Site Complex
790	70	Clam Bay	620	90	Wunjunga I/3
790	70	Weipa Mound M39	620	60	Wunjunga III/81
790	60	Weipa Mound M509	610	90	Cape Cornwall
790	110	Weipa Mound M509	610	80	Evans Bay
780	50	Mulgrave River 2	610	50	Gyranda 5
780	80	Painted Ell	610	70	Maroochy River 2
780	95	Sandstone Point	610	80	Roof Fall Cave
780	70	Woam	610	40	Yam Camp Rock Art
770	60	Cuckadoo 1	600	70	Gumu
770	50	Kyeenee I	590	50	Big Foot Art Site
770	90	PCB 111	590	60	Ironbark Site Complex
770	40	Tunnel Shelter	580	40	Bramston Beach Midden
770	70	Weipa 11	580	50	Gunamula
770	80	Wunjunga I/47	580	70	Weipa C14#4
765	55	Polka Point	570	60	Hand Shelter
760	140	Deception Bay 2	560	50	Eurimbula Site 1
760	75	Old Doomadgee 1	560	55	Eurimbula Site 1
760	60	St Pauls Beach Midden	560	50	Fig Tree Shelter
760	75	Weipa Mound M509	560	60	Platypus Rockshelter
755	135	Deception Bay 5	560	70	Spitfire Creek
750	80	Abbott Bay	550	70	Nara Inlet 1
740	60	Pancake Creek Site Complex	540	50	Bramston Beach Midden
740	50	Sandstone Point	540	50	Tom's Creek Site Complex
740	80	Sandstone Point	530	105	Chillagoe Site 55 Rock Art
730	200	Echidna's Rest	530	80	Ken's Cave
730	80	Naghi Beach	520	50	Bramston Beach Midden
730	75	Yam Camp Rock Art	520	75	Minner Dint
725	111	Yam Camp Rock Art	520	70	Scraggy Point
720	50	Green Ant Shelter	520	80	Weipa 10
720	60	Weipa 19	510	70	Evans Bay
710	50	Bramston Beach Midden	500	80	Bera Hill
710	120	Echidna's Rest	500	90	PCB 13
710	40	Hand Shelter	500	50	Sandstone Point
710	100	Kwamter Mound	500	70	Weipa 32
710	90	Roof Fall Cave	500	80	Wreck Beach Extension 1
710	50	Tunnel Shelter	490	80	Echidna's Rest
710	75	Weipa 5	480	90	Scraggy Point
710	60	Weipa 13	470	290	Early Man Rockshelter
700	60	Bushranger's Cave	470	60	NRS Site 8
700	140	Pancake Creek Site Complex	460	100	Broadbeach Burial Ground
700	70	Tin Can Bay 75b	460	90	Grinding Groove Cave
690	90	Echidna's Rest	450	55	Freshwater Bay Midden
690	50	Grass Tree Shelter	450	70	Murderers Bore Rockshelter
690	70	Wreck Beach	450	60	NRS Site 19
690	60	Wunjunga I/25	450	70	Spitfire Creek
685	105	Kennedy A	450	95	White Patch Site 3
670	70	Kwamter Mound	450	60	Wunjunga III/79
670	50	Mazie Bay	440	100	Broadbeach Burial Ground

SECTION 8: Index of Sites by Conventional Radiocarbon Age

CRA	±	Site Name	CRA	±	Site Name
440	55	Echidna's Rest Rock Art	240	60	Mulgrave River 1
440	60	Eurimbula Site 1	235	110	Kwamter Mound
440	60	NE Moreton Island 27	230	60	Eurimbula Creek 1
430	70	Kaponyee Springs II	220	80	Eurimbula Site 1
430	60	NE Moreton Island 1	220	70	Monkey Point
430	70	Sandstone Point	220	50	Weipa 33
420	50	Bush Peg Shelter	200	80	Bribie Island 9
420	100	PCB 13	200	140	Ironbark Site Complex
410	50	NRS Site 22	200	80	Jiyer Cave
400	60	Echidna's Rest Rock Art	190	50	Cameron Point 62
400	110	Kaponyee Springs II	180	50	Weipa 9
400	60	NE Moreton Island 16	170	60	Maroochy River 4
390	50	Cribb Island	170	60	Mickey Springs 34
390	50	Jiyer Cave	160	90	Double Island Point 1
380	60	NE Moreton Island 5	160	60	Wunjunga I/25
380	50	Ngarrabullgan Cave	150	80	Scraggy Point
380	80	Saibai Village Store	140	60	Mulgrave River 2
370	75	Toulkerrie	100	60	Jiyer Cave
360	100	Weipa Mound M509	70	70	Kabali Road Scatter
350	80	Gainsford 2	50	86	Broadbeach Burial Ground
350	55	Hay Cave	0	0	Cape Flattery
350	70	Toulkerrie	0	0	Echidna's Rest Rock Art
350	40	Wunjunga I/3	0	0	Echidna's Rest Rock Art
340	70	Sandstone Point	0	0	Echidna's Rest Rock Art
340	70	Teewah Beach 26	0	0	Echidna's Rest Rock Art
330	50	Big Foot Art Site	0	0	Eurimbula Creek 2
330	70	Gainsford 1	0	0	Gumu
330	70	Monkey Beach	0	0	Kennedy River (Shelter B)
320	50	NE Moreton Island 21A	0	0	Little Sandhills
320	50	Sandstone Point	0	0	Long Beach
310	70	Big Sandhills Beach	0	0	Mulgrave River 1
310	80	Toulkerrie	0	0	Roof Fall Cave
300	60	Gyranda 5	0	0	Sandstone Point
280	60	Spur Bay East	0	0	Seary-Broutha Site
270	70	Weipa 30	0	0	Teewah Beach 5D
260	50	Jiyer Cave	0	0	Tom's Creek Site Complex
250	70	Big Sandhills Beach	0	0	Webber Swamp 100
250	50	Saint-Smith Midden	0	0	Youlain Springs

SECTION 9:

Index of Sites by Region

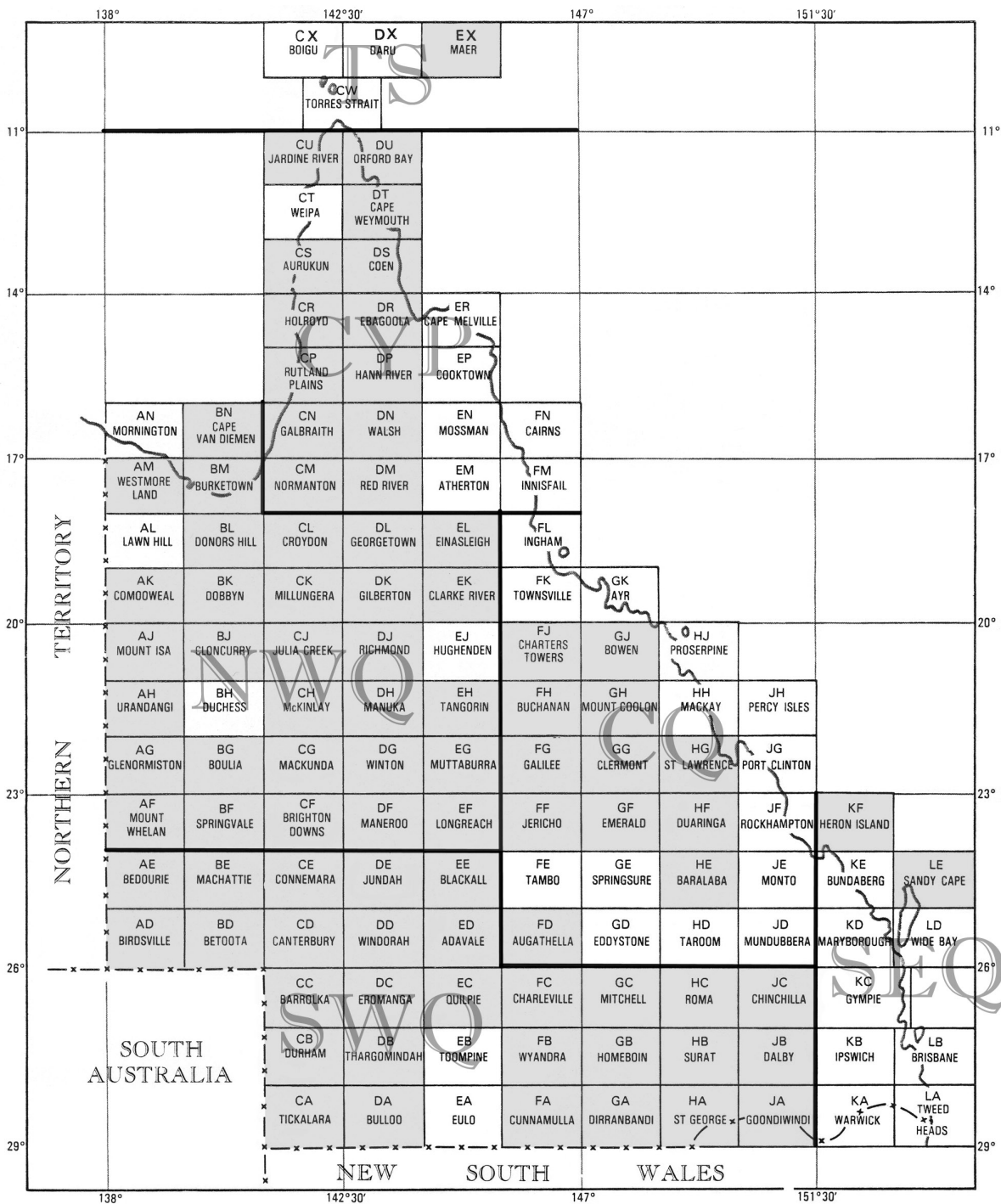


Figure 4. 1:250,000 map sheets with superimposed regions used to structure geographical information in the *Index* (after Johnston and Rowland 1987). Shaded squares indicate that no dated archaeological sites occur on that map sheet. The two letter code above each map sheet name is used by the Queensland Environmental Protection Agency to code cultural heritage places occurring on that map sheet.

SECTION 9: Index of Sites by Region

Region	Site Name	Region	Site Name
CQ	Abbott Bay	CYP	Chillagoe Site 62 Rock Art
	Big Foot Art Site		Chillagoe Site 75 Rock Art
	Big Sandhills Beach		Courtyard Rock
	Border Island 1		Deighton Lady Rock Art
	Boulder 1		Dragonfly Hollow
	Cape Palmerston		Early Man Rockshelter
	Castle Rock Cave		Echidna's Rest
	Cathedral Cave		Echidna Shelter
	Clam Bay		Endaen Rockshelter
	Curlew Island Open Site		Evans Bay
	Curlew Island Rockshelter		Fern Cave
	Gainsford 1		Fig Tree Shelter
	Gainsford 2		Freshwater Bay Midden
	Goat Rock		Giant Horse
	Grinding Groove Cave		Gorge Creek Shelter
	Gyranda 5		Grass Tree Shelter
	Gyranda 8		Green Ant Shelter
	Gyranda 13		Hand Shelter
	Gyranda 17		Hay Cave
	Herveys Range B		Hearth Cave
	Hill Inlet 1		Initiation Cave
	Jourama Rockshelter		Jiyer Cave
	Kennedy A		Kennedy River (Shelter B) Rock Art
	Kenniff Cave		Kookaburra Rock
	Ken's Cave		Kwamter Mound
	Leefe Peak		Lookout Shelter
	Marble Island		Magnificent Gallery
	Mazie Bay		Midden in Ridge 4
	Monkey Beach		Midden in Ridge 5
	Monkey Point		Mitchell River Cave
	Mt Roundback		Mordor Cave
	Nara Inlet 1		Mother Mound on Ridge 3
	Nara Inlet Art Site		Mulgrave River 1
	Native Well 1		Mulgrave River 2
	Native Well 2		Mungana Site Rock Art
	Rainbow Cave		Mushroom Rock West
	Rainbow Cave 2		Mushroom Rock East
	Red Beach		Ngarrabullgan Cave
	Road Cave 1		Nonda Rock
	Roof Fall Cave		Painted Ell
	Scraggy Point		PCB 13
	Shelly Beach		PCB 111
	Spur Bay East		PCB 141
St Bees Island Rockshelter	Pillar Cave		
Stockyard Point	Platform Gallery Rockshelter		
The Tombs Rockshelter	Quinine Bush Shelter		
Townsville Common	Quinkan B6 Rockshelter Rock Art		
Turtle Rock	Racecourse Site Rock Art		
Turtle Rock Rockshelter	Red Bluff 1		
Wanderer's Cave	Red Horse		
Wreck Beach	Red Island Point		
Wreck Beach Extension 1	Red Lady Rock Art		
Wunjunga BM0	Sandy Creek 1		
Wunjunga I/3	Sandy Creek 2		
Wunjunga I/25	South Mound		
Wunjunga I/47	Split Rock Rock Art		
Wunjunga III/79	Tunnel Shelter		
Wunjunga III/81	Walaemini Rockshelter		
CYP	Alkaline Hill	Walkunder Arch Cave	
	Bramston Beach Midden	Weipa 5	
	Bush Peg Shelter	Weipa 6	
	Cape Flattery	Weipa 7	
	Chillagoe Site 55 Rock Art	Weipa 8	

SECTION 9: Index of Sites by Region

Region	Site Name	Region	Site Name	
CYP	Weipa 9	SEQ	Deception Bay 5	
	Weipa 10		Double Island Point 1	
	Weipa 11		Eurimbula Creek 1	
	Weipa 12		Eurimbula Creek 2	
	Weipa 13		Eurimbula Site 1	
	Weipa 14		First Ridge	
	Weipa 16		Fraser Island 217/15	
	Weipa 17		Fraser Island 796/54	
	Weipa 18		Fraser Island 799/54	
	Weipa 19		Gatton Shelter	
	Weipa 20		Hope Island	
	Weipa 20A		Ironbark Site Complex	
	Weipa 21		Kabali Road Scatter	
	Weipa 23		King's Bore Site 97	
	Weipa 24		Lake Coombabah	
	Weipa 25		Little Sandhills	
	Weipa 26		Maidenwell Shelter	
	Weipa 27		Maroochy River 2	
	Weipa 28		Maroochy River 4	
	Weipa 29		Minner Dint	
	Weipa 30		Middle Island Sandblow Site	
	Weipa 31		Moon Point	
	Weipa 32		Mort Creek Site Complex	
	Weipa 33		New Brisbane Airport	
	Weipa C14#4		NE Moreton Island 1	
	Weipa G10E		NE Moreton Island 5	
	Weipa Mound M3		NE Moreton Island 16	
	Weipa Mound M34		NE Moreton Island 21A	
	Weipa Mound M37		NE Moreton Island 27	
	Weipa Mound M39		NRS Site 8	
	Weipa Mound M39b		NRS Site 19	
	Weipa Mound M509		NRS Site 22	
	Yam Camp		One-Tree	
NWQ	Bayley Point Mound 3		Pancake Creek Site Complex	
	Colless Creek Cave		Platypus Rockshelter	
	Cuckadoo 1		Polka Point	
	DH Site		Saint-Smith Midden	
	Gunamula		Sandstone Point	
	Louie Creek Cave		Seary-Broutha Site	
	Mickey Springs 31		Seven Mile Creek Mound	
	Mickey Springs 33		Spitfire Creek	
	Mickey Springs 34		St Helena Island	
	Old Doomadgee 1		Talgai Skull	
	Quippenburra Cave		Teewah Beach 5D	
	Selwyn Ranges 1		Teewah Beach 26	
	Selwyn Ranges 2		Tin Can Bay 75b	
	SEQ		Aranarawai Beach Ridge II	Tom's Creek Site Complex
Bishop's Peak			Toulkerrie	
Boonah Shelter			Wallen Wallen Creek	
Booral Homestead Midden			Webber Swamp 100	
Booral Shell Mound		White Patch Site 3		
Bribie Island 9		SWQ	Kaponyee Springs I	
Broadbeach Burial Ground			Kaponyee Springs II	
Brooyar Rockshelter			Kyeenee I	
Brown's Road			Lake Numalla I	
Bushranger's Cave			Lake Numalla II	
Cameron Point 62			Lake Toomaroo	
Christmas Creek			Murderers Bore Rockshelter	
Cribb Island			Whites Bore III	
Deception Bay 1			Whites Bore IV	
Deception Bay 2			Youlain Springs	
Deception Bay 3			TS	Bera Hill
Deception Bay 4				Cape Cornwall

SECTION 9: Index of Sites by Region

Region	Site Name		Region	Site Name
TS	Gumu		TS	Saibai Village Store
	Long Beach			St Pauls Beach Midden
	Naghi Beach			Woam

SECTION 10:

Index of Sites by 1:250,000 Map Sheet Name

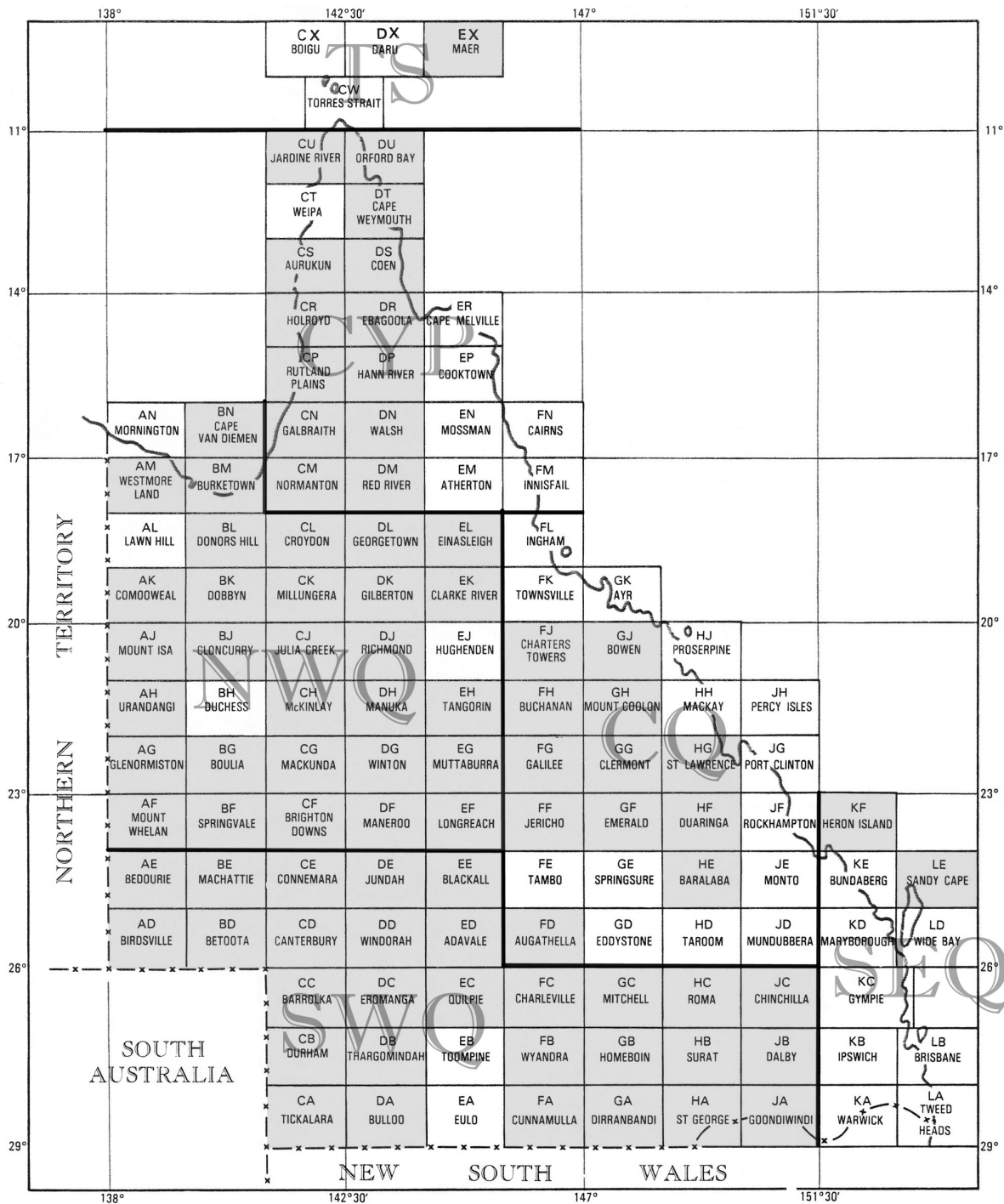


Figure 5. 1:250K map sheets with superimposed regions used to structure geographical information in the *Index* (after Johnston and Rowland 1987). Shaded squares indicate that no archaeological sites occur on that map sheet. The two letter code above each map sheet name is used by the Queensland Environmental Protection Agency to code cultural heritage places occurring on that map sheet.

SECTION 10: Index of Sites by 1:250,000 Map Sheet Name

1:250K Sheet	Site Name	1:250K Sheet	Site Name	
Atherton	Chillagoe Site 55 Rock Art	Cape Melville	Alkaline Hill	
	Chillagoe Site 62 Rock Art		Endaen Rockshelter	
	Chillagoe Site 75 Rock Art		Freshwater Bay Midden	
	Echidna's Rest		Midden in Ridge 4	
	Echidna Shelter		Midden in Ridge 5	
	Fern Cave		Mother Mound on Ridge 3	
	Mungana Site Rock Art		PCB 13	
	Pillar Cave		PCB 111	
	Racecourse Site Rock Art		PCB 141	
	Walkunder Arch Cave		South Mound	
Ayr	Abbott Bay		Walaemini Rockshelter	
	Gainsford 1		Cooktown	Cape Flattery
	Gainsford 2			Deighton Lady Rock Art
	Mt Roundback			Early Man Rockshelter
	Wunjunga BM0	Giant Horse		
	Wunjunga I/3	Green Ant Shelter		
	Wunjunga I/25	Kennedy River (Shelter B) Rock Art		
	Wunjunga I/47	Magnificent Gallery		
	Wunjunga III/79	Mushroom Rock East		
	Wunjunga III/81	Mushroom Rock West		
Boigu	Gumu	Platform Gallery Rockshelter		
Brisbane	Aranarawai Beach Ridge II	Quinkan B6 Rockshelter Rock Art		
	Brown's Road	Red Bluff 1		
	Cribb Island	Red Horse		
	Deception Bay 1	Sandy Creek 1		
	Deception Bay 2	Sandy Creek 2		
	Deception Bay 3	Split Rock Rock Art		
	Deception Bay 4	Yam Camp		
	Deception Bay 5	Daru	Saibai Village Store	
	First Ridge		Woam	
	Hope Island	Duchess	Cuckadoo 1	
	Lake Coombabah		Selwyn Ranges 1	
	Little Sandhills		Selwyn Ranges 2	
	Minner Dint	Eddystone	Cathedral Cave	
	New Brisbane Airport		Goat Rock	
	NE Moreton Island 1		Native Well 1	
	NE Moreton Island 5		Native Well 2	
	NE Moreton Island 16		The Tombs Rockshelter	
	NE Moreton Island 21A	Eulo	Kaponyee Springs I	
	NE Moreton Island 27		Kaponyee Springs II	
	NRS Site 8		Lake Numalla I	
	NRS Site 19		Lake Numalla II	
	NRS Site 22		Lake Toomaroo	
	One-Tree		Murderers Bore Rockshelter	
	Polka Point		Whites Bore III	
	Saint-Smith Midden		Whites Bore IV	
	Sandstone Point		Youlain Springs	
	Spitfire Creek		Gympie	Bribie Island 9
	St Helena Island	Brooyar Rockshelter		
	Toulkerrie	King's Bore Site 97		
	Wallen Wallen Creek	Maidenwell Shelter		
	White Patch Site 3	Maroochy River 2		
	Bundaberg	Eurimbula Creek 1		Maroochy River 4
		Eurimbula Creek 2		Seary-Broutha Site
		Eurimbula Site 1		Teewah Beach 5D
		Ironbark Site Complex		Teewah Beach 26
		Middle Island Sandblow Site		Hughenden
		Mort Creek Site Complex	Mickey Springs 33	
		Pancake Creek Site Complex	Mickey Springs 34	
		Seven Mile Creek Mound	Quippenburra Cave	
	Tom's Creek Site Complex	Ingham	Jourama Rockshelter	
Cairns	Mulgrave River 1		Kennedy A	
	Mulgrave River 2		Leefe Peak	

SECTION 10: Index of Sites by 1:250,000 Map Sheet Name

1:250K Sheet	Site Name	1:250K Sheet	Site Name
Ingham	Scraggy Point	Springsure	Turtle Rock
Innisfail	Bramston Beach Midden	Tambo	Ken's Cave
	Jiyer Cave		Rainbow Cave 2
Ipswich	Gatton Shelter	Taroom	Rainbow Cave
	Platypus Rockshelter		Wanderer's Cave
Lawn Hill	Colless Creek Cave	Toompine	Kyeenee I
	DH Site	Torres Strait	Bera Hill
	Louie Creek Cave		Cape Cornwall
Mackay	Cape Palmerston		Evans Bay
	Curlew Island Open Site		Long Beach
	Curlew Island Rockshelter		Naghi Beach
Maryborough	Booral Homestead Midden		Red Island Point
	Booral Shell Mound		St Pauls Beach Midden
	Moon Point	Townsville	Herveys Range B
Monto	Big Foot Art Site		Townsville Common
	Boulder 1		Turtle Rock Rockshelter
	Grinding Groove Cave	Tweed Heads	Bishop's Peak
	Road Cave 1		Broadbeach Burial Ground
	Roof Fall Cave		Bushranger's Cave
Mornington	Bayley Point Mound 3		Christmas Creek
	Gunamula	Warwick	Boonah Shelter
	Old Doomadgee 1		Talgai Skull
Mossman	Bush Peg Shelter	Weipa	Kwamter Mound
	Courtyard Rock		Weipa 5
	Dragonfly Hollow		Weipa 6
	Fig Tree Shelter		Weipa 7
	Gorge Creek Shelter		Weipa 8
	Grass Tree Shelter		Weipa 9
	Hand Shelter		Weipa 10
	Hay Cave		Weipa 11
	Hearth Cave		Weipa 12
	Initiation Cave		Weipa 13
	Kookaburra Rock		Weipa 14
	Lookout Shelter		Weipa 16
	Mitchell River Cave		Weipa 17
	Mordor Cave		Weipa 18
	Ngarrabullgan Cave		Weipa 19
	Nonda Rock		Weipa 20
	Painted Ell		Weipa 20A
	Quinine Bush Shelter		Weipa 21
	Tunnel Shelter		Weipa 23
Mundubbera	Gyranda 5		Weipa 24
	Gyranda 8		Weipa 25
	Gyranda 13		Weipa 26
	Gyranda 17		Weipa 27
Percy Isles	Castle Rock Cave		Weipa 28
	Marble Island		Weipa 29
	Spur Bay East		Weipa 30
Port Clinton	Stockyard Point		Weipa 31
Proserpine	Border Island 1		Weipa 32
	Hill Inlet 1		Weipa 33
	Nara Inlet 1		Weipa C14#4
	Nara Inlet Art Site		Weipa G10E
	St Bees Island Rockshelter		Weipa Mound M3
Rockhampton	Big Sandhills Beach		Weipa Mound M34
	Clam Bay		Weipa Mound M37
	Mazie Bay		Weipa Mound M39
	Monkey Beach		Weipa Mound M39b
	Monkey Point		Weipa Mound M509
	Red Beach	Wide Bay	Cameron Point 62
	Wreck Beach		Double Island Point 1
	Wreck Beach Extension 1		Fraser Island 217/15
Springsure	Kenniff Cave		Fraser Island 796/54

SECTION 10: Index of Sites by 1:250,000 Map Sheet Name

1:250K Sheet	Site Name		1:250K Sheet	Site Name
Wide Bay	Fraser Island 799/54		Unknown	Red Lady Rock Art
	Kabali Road Scatter			Shelly Beach
	Tin Can Bay 75b			
	Webber Swamp 100			

SECTION 11:
References Cited

- ABC 1979 Exercise Logan Jack. Captain Les Hiddens. Canberra: Australian Broadcasting Commission.
- Abbie, A.A. 1951 The Australian Aborigine. *Oceania* 22(2):91-100.
- Aitchison, T.C., M. Leese, D.J. Michczynska, W.G. Mook, R.L. Otlet, B.S. Ottaway, M.F. Pazdur, J. van der Plicht, P.J. Reimer, S.W. Robinson, E.M. Scott, M. Stuiver and B. Weninger 1989 A comparison of methods used for the calibration of radiocarbon dates. *Radiocarbon* 31(3):846-862.
- Aitken, M.J. 1990 *Science-Based Dating in Archaeology*. London: Longman.
- Alfredson, G. 1983 St Helena Island - A changing pattern of exploitation? *Australian Archaeology* 17:79-86.
- Alfredson, G. 1984a An Archaeological Investigation into the Aboriginal Use of St Helena Island, Moreton Bay. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Alfredson, G. 1984b The Aboriginal use of St Helena Island, Moreton Bay - The archaeological evidence. In R.J. Coleman, J. Covacevich and P. Davie (eds), *Focus on Stradbroke: New Information on North Stradbroke Island and Surrounding Areas, 1974-1984*, pp.1-8. Brisbane: Boolarong Publications.
- Alfredson, G. and Kombumerri Aboriginal Corporation for Culture 1998 A Report on an Initial Cultural Heritage Assessment of a Proposed Golf Course on Lake Coombabah. Unpublished report to the Nimmel Partnership, Mudgeeraba, Queensland.
- Alfredson, G. and Kombumerri Aboriginal Corporation for Culture 1999 Report on a Collection and a Further Cultural Heritage Assessment for a Proposed Golf Course and Residential Development on Lake Coombabah. Unpublished report to the Nimmel Partnership, Mudgeeraba, Queensland.
- Anon. 1967 Recent Australian radiocarbon dates. *Australian Institute of Aboriginal Studies Newsletter* 2(6):20-35.
- Aplin, K. n.d. Report on Analysis of the Colless Creek Rockshelter Archaeological Fauna. Unpublished report to the Australian Heritage Commission, Canberra.
- Archer, M. 1977 Recent Local Faunas from Excavations at Hervey's Range, Kennedy Cave, Jourama and Mt Roundback, North-Eastern Queensland; Summary of Human Bone, with Comments. In H.C. Brayshaw, Aboriginal Material Culture in the Herbert/Burdekin District, North Queensland, pp.655-689. Unpublished PhD thesis, James Cook University of North Queensland, Townsville.
- Archer, M. and H.C. Brayshaw 1978 Recent local faunas from excavations at Hervey's Range, Kennedy, Jourama, and Mount Roundback, north-eastern Queensland. *Memoirs of the Queensland Museum* 18(2):165-177.
- Armitage, R.A., B. David, M. Hyman, M.W. Rowe, C. Tuniz, E. Lawson, G. Jacobsen and Q. Hua 1998 Radiocarbon determinations on Chillagoe rock paintings: Small sample accelerator mass spectrometry. *Records of the Australian Museum* 50(3):285-292.
- Armitage, R.A., M. Hyman and M.W. Rowe 2000 Plasma-chemistry for dating pictographs by AMS. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.31-34. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.
- Bailey, G.N. 1975 The Role of Shell Middens in Prehistoric Economics. Unpublished PhD thesis, Cambridge University, Cambridge.
- Bailey, G.N. 1977 Shell mounds, shell middens, and raised beaches in the Cape York Peninsula. *Mankind* 11(2):132-143.
- Bailey, G. 1994 The Weipa shell mounds: Natural or cultural? In M. Sullivan, S. Brockwell and A. Webb (eds), *Archaeology in the North: Proceedings of the 1993 Australian Archaeological Association Conference*, pp.107-129. Darwin: North Australia Research Unit, Australian National University.
- Bailey, G., J. Chappell and R. Cribb 1994 The origin of *Anadara* shell mounds at Weipa, north Queensland, Australia. *Archaeology in Oceania* 29(2):69-80.
- Barham, A.J. 1981 Land Use and Environmental Change in the Western Torres Strait Islands, Northern Queensland, Australia. Fieldwork Report. Unpublished report to Department of Geography, University College London and Institute of Archaeology, University of London.
- Barham, A.J. 1999 The local environmental impact of prehistoric populations on Saibai Island, northern Torres Strait, Australia: Enigmatic evidence from Holocene swamp lithostratigraphic records. *Quaternary International* 59:71-105.
- Barham, A.J. 2000 Late Holocene maritime societies in the Torres Strait Islands, northern Australia - Cultural arrival or cultural emergence? In S. O'Connor and P. Veth (eds), *East of Wallace's Line: Studies of Past and Present Maritime Cultures of the Indo-Pacific Region*, pp.223-314. Modern Quaternary Research in Southeast Asia 16. Rotterdam: Balkema.
- Barham, A.J. and D.R. Harris 1983 Prehistory and palaeoecology of Torres Strait. In P.M. Masters and N.C. Fleming (eds), *Quaternary Coastlines and Marine Archaeology: Towards the Prehistory of Land Bridges and Continental Shelves*, pp.529-557. London: Academic Press.
- Barham, A.J. and D.R. Harris 1985 Relict field systems in the Torres Strait region. In I.S. Farrington (ed.), *Prehistoric Intensive Agriculture in the Tropics*, pp.247-283. BAR International Series 232. Oxford: British Archaeological Reports.
- Barham, A.J., M.J. Rowland and G.J. Hitchcock in prep. Torres Strait *bepotaim*: An overview of archaeological and ethnoarchaeological investigations and research. To be submitted to *Memoirs of the Queensland Museum*,

Cultural Heritage Series.

- Barker, B.C. 1989 Nara Inlet 1: A Holocene sequence from the Whitsunday Islands, central Queensland coast. *Queensland Archaeological Research* 6:53-76.
- Barker, B.C. 1991 Nara Inlet 1: Coastal resource use and the Holocene marine transgression in the Whitsunday Islands, central Queensland. *Archaeology in Oceania* 26(3):102-109.
- Barker, B. 1993 Early human exploitation of island environments within the Great Barrier Reef Marine Park. *Reef Research* 3(3):13-14.
- Barker, B. 1995 'The Sea People': Maritime Hunter-Gatherers on the Tropical Coast: A Late Holocene Maritime Specialisation in the Whitsunday Islands, Central Queensland. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Barker, B. 1996 Maritime hunter-gatherers on the tropical coast: A social model for change. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.31-43. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Barker, B. 1999 Coastal occupation in the late Holocene: Environment, resource use and resource continuity. In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.119-127. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Barker, B., K. Sale and A. Watchman 1997 Authentication of rock art in the Whitsunday Islands, Queensland, Australia. *Rock Art Research* 14(2):113-123.
- Barker, B. and R. Schon 1994 A preliminary assessment of the spatial distribution of stone artefacts from the South Molle Island Aboriginal quarry, Whitsunday Islands, central Queensland coast. *Memoirs of the Queensland Museum* 37(1):5-12.
- Bartholomai, A. 1965 The Faunal Material Excavated from the Cathedral Cave. Unpublished paper, Queensland Museum, Brisbane.
- Bartholomai, A. 1976 Faunal remains excavated from site Q1, Broadbeach, southeast Queensland. Appendix B. In L. Haglund, *The Broadbeach Aboriginal Burial Ground: An Archaeological Analysis*, pp.90-93. St Lucia: University of Queensland Press.
- Beaton, J.M. 1977 Dangerous Harvest: Investigations in the Late Prehistoric Occupation of Upland South-East Central Queensland. Unpublished PhD thesis, Department of Prehistory, Research School of Pacific and Asian Studies, Australian National University, Canberra.
- Beaton, J. 1981 Princess Charlotte Bay Archaeological Report: Second Interim Report. Unpublished report to the Australian Institute of Aboriginal and Torres Strait Islander Studies, Canberra.
- Beaton, J. 1985 Evidence for a coastal occupation time-lag at Princess Charlotte Bay (North Queensland) and implications for coastal colonisation and population growth theories for Aboriginal Australia. *Archaeology in Oceania* 20(1):1-20.
- Beaton, J.M. 1991a Excavations at Rainbow Cave and Wanderer's Cave: Two rockshelters in the Carnarvon Range, Queensland. *Queensland Archaeological Research* 8:2-32.
- Beaton, J.M. 1991b Cathedral Cave: A rockshelter in Carnarvon Gorge, Queensland. *Queensland Archaeological Research* 8:33-84.
- Belperio, A.P. 1978 An Inner Shelf Sedimentation Model for the Townsville Region, Great Barrier Reef Province. Unpublished PhD thesis, James Cook University of North Queensland, Townsville.
- Bermingham, A. 1966 Victoria natural radiocarbon measurements I. *Radiocarbon* 8:507-521.
- Bermingham, A. 1971 Australian natural radiocarbon measurements. *Australian Institute of Aboriginal Studies Newsletter* 3(2):30-35.
- Bird, M.I., L.K. Ayliffe, L.K. Fifield, C.S.M. Turney, R.G. Cresswell, T.T. Barrows and B. David 1999 Radiocarbon dating of "old" charcoal using a wet oxidation, stepped-combustion procedure. *Radiocarbon* 41(2):127-140.
- Bird, M.K. 1987 Life's a Beach: A Preliminary Investigation of the Coastal Archaeology of Wunjunga (Beach Mount), Upstart Bay, North Queensland. Unpublished B.A. (Hons) thesis, Department of Behavioural Sciences, James Cook University of North Queensland, Townsville.
- Birkett, C. 1983 Corridor of Karst and Creek: A Site Catchment Analysis of Walkunder Arch Cave, near Chillagoe, North Queensland. Unpublished B.A. (Hons) thesis, School of Behavioural Sciences, James Cook University of North Queensland, Townsville.
- Birkett, C. 1985 A site catchment analysis: Walkunder Arch Cave, near Chillagoe, north Queensland. *Queensland Archaeological Research* 2:132-143.
- Bonica, C. 1992 A Technological Analysis of the Lithic Assemblage from Christmas Creek Rockshelter, southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Border, A. 1993 Shoalwater Bay Heritage Military Training Area (SWBTA): A Review of Cultural Heritage Resources and Significance and Land Use. UQASU Report 235. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland.
- Border, A. 1994 Shoalwater Bay Military Training Area (SWBTA): A review of cultural heritage resources their significance and land use. In *Commonwealth Commission of Inquiry Shoalwater Bay, Capricornia*

- Coast, Queensland, Research Reports*, pp.173-233. No. 5, Vol. A. Canberra: Australian Government Publishing Service.
- Border, A. 1999 Aboriginal settlement of offshore islands in the southern Great Barrier Reef Province, central Queensland. In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.129-139. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Bowen, G. 1989 A Model for Moreton Island Prehistory: Colonisation, Settlement and Subsistence. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Bowen, G. 1998 Towards a generic technique for dating stone fish traps and weirs. *Australian Archaeology* 47:39-43.
- Brayshaw, H.C. 1975 Fieldwork in north Queensland. *Australian Archaeology* 2:48.
- Brayshaw, H.C. 1977 Aboriginal Material Culture in the Herbert/Burdekin District, North Queensland. Unpublished PhD thesis, James Cook University of North Queensland, Townsville.
- Brayshaw, H.C. 1990 *Well Beaten Paths: Aborigines of the Herbert Burdekin District, North Queensland: An Ethnographic and Archaeological Study*. Townsville: Department of History, James Cook University of North Queensland.
- Breschini, G.S., T. Haversat and J. Erlandson 1996 *California Radiocarbon Dates*. 8th ed. Salinas, CA: Coyote Press.
- Brian, D. 1994 Shall I Compare Thee to a Fish?: A Comparative Taphonomic Analysis of Vertebrate Remains from Nara Inlet Art Site, Hook Island, Central Queensland Coast. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Burke, C. 1988 Faunal Reflections of Change and Diversity: Monitoring the Effects of Natural and Cultural Site Formation Processes on the Composition of Archaeological Faunal Assemblages, a Case Study from Boonah, Southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Burke, C. 1993 A Survey of Aboriginal Archaeological Sites on the Curtis Coast, Central Queensland. Unpublished report to the Queensland Department of Environment and Heritage, Rockhampton.
- Busuttin-Windsor, V. 1982 *Island That We Knew: The Story of Brampton Island and the Pioneer Busuttin Family*. Hong Kong: Bruwal Press.
- Caddie, D.A., H.J. Hall, D.S. Hunter and P.J. Pomery 1984 The application of electron spin resonance dating to Holocene bone. *Australian Archaeology* 19:75-85.
- Callow, W.J., M.J. Baker and G.I. Hassall 1965 National Physical Laboratory radiocarbon measurements III. *Radiocarbon* 7:156-161.
- Callow, W.J., M.J. Baker and D.H. Pritchard 1963 National Physical Laboratory radiocarbon measurements I. *Radiocarbon* 5:34-38.
- Campbell, J.B. 1978 Preliminary report on 1977 surveys and excavations at Turtle Rock, Hervey Range, north Queensland. *Australian Archaeology* 8:4-15.
- Campbell, J.B. 1979 Settlement patterns on off-shore islands in north-eastern Queensland. *Australian Archaeology* 9:18-32.
- Campbell, J.B. 1982a Automatic seafood retrieval systems: The evidence from Hinchinbrook Island and its implications. In S. Bowdler (ed.), *Coastal Archaeology in Eastern Australia: Proceedings of the 1980 Valla Conference on Australian Prehistory*, pp.96-107. Occasional Papers in Prehistory 11. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Campbell, J.B. 1982b New radiocarbon results for north Queensland prehistory. *Australian Archaeology* 14:62-66.
- Campbell, J.B. 1984 Extending the archaeological frontier: A review of work on the prehistory of north Queensland. *Queensland Archaeological Research* 1:173-184.
- Campbell, J.B. 2000 The Chillagoe and Laura laser-AMS dating project. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.80-83. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.
- Campbell, J., N. Cole, E. Hatte, C. Tuniz and A. Watchman 1996 Dating of rock surface accretions with Aboriginal paintings and engravings in north Queensland. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.231-239. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Campbell, J.B. and M. Mardaga-Campbell 1993 From macro- to nano-stratigraphy: Linking vertical and horizontal dating of archaeological deposits with the direct dating of rock art at 'The Walkunders', Chillagoe (north Queensland, Australia). In J. Steinbring, A. Watchman, P. Faulstich and P. Taçon (eds), *Time and Space: Dating and Spatial Considerations in Rock Art Research*, pp.57-63. Occasional AURA Publication 8. Melbourne: Australian Rock Art Research Association.
- Carter, M. 1997 Chenier and Shell Midden: An Investigation of Cultural and Natural Shell Deposits at Rodds Peninsula, Central Queensland Coast. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.

- Carter, M. 1999 Thesis Abstract: Chenier and Shell Midden: An Investigation of Cultural and Natural Shell Deposits at Rodds Peninsula, Central Queensland Coast. *Australian Archaeology* 48:56.
- Carter, M., I. Lilley, S. Ulm and D. Brian 1999 Mort Creek Site Complex, Curtis Coast: Site report. *Queensland Archaeological Research* 11:85-104.
- Chapman, V. 1999 Drawing the Line: The Rock Painting of Cania Gorge, South Central Queensland. Unpublished PGDipArts (Anthropology) thesis, Department of Sociology, Anthropology and Archaeology, University of Queensland, Brisbane.
- Chicoteau, C. 1998a Two Hundred and Four Kilograms of What?: A Preliminary Site Report of Square A, Grinding Groove Cave, Cania Gorge, Focussing on Sedimentation Rates. Unpublished report submitted for ID232: Independent Project in Aboriginal and Torres Strait Islander Studies I, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Chicoteau, C. 1998b An Analysis of Archaeological Charcoals from Square A, Grinding Groove Cave, Cania Gorge: A Feasibility Study of the Use of Archaeological Charcoals in Cania Gorge Rockshelter Deposits. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Chillagoe Caving Club 1988 *Mitchell-Palmer Karst: A Speleological Field Guide for the Towers and Caves of the Mitchell-Palmer Areas in Far North Queensland, Australia*. Cairns: Chillagoe Caving Club Inc.
- Clegg, J.F. 1965 A note on the stone industry of Cathedral Cave, Carnarvon Gorge, Queensland. *Mankind* 6(5):237.
- Clegg, J.K. 1977 The four dimensions of artifactual variation. In R.V.S. Wright (ed.), *Stone Tools as Cultural Markers: Change, Evolution and Complexity*, pp.60-66. Prehistory and Material Culture Series 12. Canberra: Australian Institute of Aboriginal Studies.
- Clouten, N. 1976 Photogrammetry and the measurement of rock form and Aboriginal art. *Australian Institute of Aboriginal Studies Newsletter (N.S.)* 6:33-45.
- Clouten, N. 1977 Further photogrammetric recordings of Early Man shelters, Cape York. *Australian Institute of Aboriginal Studies Newsletter (N.S.)* 7:54-59.
- Cole, N.A. 1998 Eel and Boomerang: An Archaeological Study of Stylistic Order and Variability in Aboriginal Rock Art of the Laura Sandstone Province, Cape York Peninsula, Australia. Unpublished PhD thesis, School of Anthropology and Archaeology, James Cook University of North Queensland, Townsville.
- Cole, N. 2000 The 'direct dating' of rock-pictures at Laura. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.76-79. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.
- Cole, N. and A. Watchman 1992 Painting with plants: Investigating fibres in Aboriginal rock paintings at Laura, north Queensland. *Rock Art Research* 9(1):27-36.
- Cole, N.A., A. Watchman and M.J. Morwood 1993 Evidence of a 25,000 year old pictograph from northern Australia. *Geoarchaeology* 8(6):465-473.
- Cole, N.A., A. Watchman and M.J. Morwood 1995 Chronology of Laura rock art. In M.J. Morwood and D.R. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in S.E. Cape York Peninsula, Australia*, pp.147-160. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Colfelt, D. and D. Bradley 1980 *The Complete Yachtsman's Handbook to the Whitsunday Passage*. Crows Nest: Whitsunday World Pty Ltd.
- Collier, S. and K.A. Hobson 1987 The importance of marine protein in the diet of coastal Australian Aborigines. *Current Anthropology* 28(4):559-565.
- Cook, N.D.J., I. Davidson and S.A. Sutton 1989 Seeing red in Queensland. *Nature* 342:487.
- Cook, N.D.J., I. Davidson and S.A. Sutton 1990 Why are so many ancient rock paintings red? *Australian Aboriginal Studies* 1990(1):30-32.
- Cosgrove, R. 2000 Australian Tropical Rainforest Archaeology. Unpublished paper presented to the Australian Archaeological Association Annual Conference, Beechworth, Victoria, 2 December 2000.
- Coventry, R.J., D. Hopley, J.B. Campbell, I. Douglas, N. Harvey, A.P. Kershaw, J. Oliver, C.V.G. Phipps and K. Pye 1980 The Quaternary of northeastern Australia. In R.A. Henderson and P.J. Stephenson (eds), *The Geology and Geophysics of North Eastern Australia*, pp.375-417. Brisbane: Geological Society of Australia, Queensland Division.
- Crooks, J. 1982 Report of Three Excavations at Pumicestone Passage, Moreton Bay, Southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Dagg, L. 1991 A Comparative Faunal Analysis of Red Bluff and Red Horse Rockshelters, S.E. Cape York Peninsula. Unpublished paper to the Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Dagg, L. 1992 Interpreting Faunal Remains: A Taphonomic Analysis of Two Late Holocene Faunal Assemblages from South East Cape York Peninsula. Unpublished B.A. (Hons) thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- David, B. 1983 To Pick a Bone: Differentiating between Cultural and Dingo-Accumulated Bone Debris - The Case of Walkunder Arch Cave. Unpublished B.A. (Hons) thesis, Department of Prehistory and

- Anthropology, Australian National University, Canberra.
- David, B. 1984a *Man vs. Dingo: The Identification of Bone Remains from Archaeological Sites, with Specific Reference to Walkunder Arch Cave, Chillagoe, Northeastern Queensland*. Cultural Resource Management Monograph Series 5. Brisbane: Archaeology Branch, Department of Aboriginal and Islander Affairs.
- David, B. 1984b Walkunder Arch Cave: A faunal report. *Australian Archaeology* 18:40-54.
- David, B. 1987 Chillagoe: From Archaeology to Prehistory: Contributions to a Late Holocene Prehistory of the Chillagoe Region, North Queensland. Unpublished MA thesis, Australian National University, Canberra.
- David, B. 1988 The Rock Pictures of the Chillagoe-Mungana and Mitchell-Palmer Limestone Belts of North Queensland: Reconstructing Cultural Relations in North Queensland's Prehistoric Past. Unpublished report to the Australian Heritage Commission, Canberra.
- David, B. 1989 Prehistoric rock art of southern Cape York Peninsula. *Rock Art Research* 6(2):153-155.
- David, B. 1990a New dates from Fern Cave, Cape York Peninsula. *Rock Art Research* 7(1):74-75.
- David, B. 1990b Echidna's Rest, Chillagoe: A site report. *Queensland Archaeological Research* 7:73-94.
- David, B. 1991a Fern Cave, rock art and social formations: Rock art regionalisation and demographic models in southeastern Cape York Peninsula. *Archaeology in Oceania* 26(2):41-57.
- David, B. 1991b Mitchell River Cave: A late Pleistocene-Holocene sequence from southeastern Cape York Peninsula. *Australian Aboriginal Studies* 1991(2):67-72.
- David, B. 1992a Initial radiocarbon determinations from Nurrabullgin. *Australian Aboriginal Studies* 1992(1):77-79.
- David, B. 1992b An AMS date for north Queensland rock art. *Rock Art Research* 9(2):139-141.
- David, B. 1992c Recent research in southeast Cape York Peninsula: Nurrabullgin and Mordor Cave. *Queensland Archaeological Research* 9:50-53.
- David, B. 1993 Nurrabullgin Cave: Preliminary results from a pre-37,000 year old rockshelter, north Queensland. *Archaeology in Oceania* 28(1):50-54.
- David, B. 1994 A Space-Time Odyssey: Rock Art and Regionalisation in North Queensland Prehistory. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- David, B. (ed.) 1998 *Ngarrabullgan: Geographical Investigations in Djungan Country, Cape York Peninsula*. Monash Publications in Geography and Environmental Science 51. Clayton, VIC: Department of Geography and Environmental Science, Monash University.
- David, B., R.A. Armitage, M. Hyman, M.W. Rowe and E. Lawson 1999 How old is north Queensland's rock-art?: A review of the evidence, with new AMS determinations. *Archaeology in Oceania* 34(3):103-120.
- David, B., R. Bird, R. Fullagar and L. Little 1992 Glassy obsidian artefacts from north Queensland: The Nolan's Creek source and some archaeological occurrences. *The Artefact* 15:25-30.
- David, B. and D. Chant 1995 Rock art and regionalisation in north Queensland prehistory. *Memoirs of the Queensland Museum* 37(2):357-528.
- David, B., E. Clayton and A. Watchman 1993 Initial results of PIXE analysis on northern Queensland ochres. *Australian Archaeology* 36:50-57.
- David, B. and L. Dagg 1993 Two caves. *Memoirs of the Queensland Museum* 33(1):143-162.
- David, B. and H. Lourandos 1997 37,000 years and more in tropical Australia: Investigating long-term archaeological trends in Cape York Peninsula. *Proceedings of the Prehistoric Society* 63:1-23.
- David, B. and H. Lourandos 1998 Rock art and socio-demography in northeastern Australian prehistory. *World Archaeology* 30(2):193-219.
- David, B. and H. Lourandos 1999 Landscape as mind: Land use, cultural space and change in north Queensland prehistory. *Quaternary International* 59:107-123.
- David, B., I. McNiven, L. Bekessy, B. Bultitude, C. Clarkson, E. Lawson, C. Murray and C. Tuniz 1998 More than 37,000 years of Aboriginal occupation. In B. David (ed.), *Ngarrabullgan: Geographical Investigations in Djungan Country, Cape York Peninsula*, pp.157-178. Monash Publications in Geography and Environmental Science 51. Clayton, VIC: Department of Geography and Environmental Science, Monash University.
- David, B., R. Roberts, C. Tuniz, R. Jones and J. Head 1997 New optical and radiocarbon dates from Ngarrabullgan Cave, a Pleistocene archaeological site in Australia: Implications for the comparability of time clocks and for the human colonization of Australia. *Antiquity* 71:183-188.
- David, B., M. Rowe, C. Tuniz and J. Head 1994 Dating charcoal paintings and drawings from Chillagoe: Current research. *Rock Art Research* 11(2):127-128.
- David, B. and J. Stanisic 1991 Land snails in Australian archaeology: Initial results from Echidna's Rest (north Queensland). *The Artefact* 14:19-24.
- David, B., C. Tuniz, E. Lawson, Q. Hua, G.E. Jacobsen, J. Head and M. Rowe 2000 Dating charcoal drawings from Chillagoe, north Queensland. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.85-89. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.

- David, B. and M. Wilson 1999 Re-reading the landscape: Place and identity in NE Australia during the late Holocene. *Cambridge Archaeological Journal* 9(2):163-188.
- David, T.W.E. and J.T. Wilson 1914a Preliminary communication on an Australian cranium of probable Pleistocene age. *Reports of the British Association for the Advancement of Science* p.531.
- David, T.W.E. and J.J. Wilson 1914b The Talgai Skull. *The Scientific Australian* September:4-5.
- Davidson, D.S. 1936 Aboriginal Australian and Tasmanian rock carvings and paintings. *Memoirs of the American Philosophical Society* 5:1-151.
- Davidson, I. 1993 Archaeology in the Selwyn Ranges. In G. Burenhult (ed.), *People of the Stone Age: Hunter-Gatherers and Early Farmers*, pp.210-211. Illustrated History of Humankind 2. St Lucia: University of Queensland Press.
- Davidson, I., S.A. Sutton and S.J. Gale 1993 The human occupation of Cuckadoo 1 Rockshelter, northwest central Queensland. In M.A. Smith, M. Spriggs and B. Fankhauser (eds), *Sahul in Review: Pleistocene Archaeology in Australia, New Guinea and Island Melanesia*, pp.164-172. Occasional Papers in Prehistory 24. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Donoghue, D. 1979 A Procedure for Identifying Archaeological Charcoal: An Example for Moreton Island, Southeast Queensland. Unpublished BA (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Eales, T. 1998 Stone Soup: A Residue Analysis of Artefacts from Roof Fall Cave, Cania Gorge, Central Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Eales, A. 1999 Thesis Abstract: Stone Soup: A Residue Analysis of Artefacts from Roof Fall Cave, Cania Gorge, Central Queensland. *Australian Archaeology* 48:55.
- Eales, T., C. Westcott, I. Lilley, S. Ulm, D. Brian and C. Clarkson 1999 Roof Fall Cave, Cania Gorge: Site report. *Queensland Archaeological Research* 11:29-42.
- Edmonds, V.J. 1986 Subtropical Rainforest: Archaeological Evidence for Aboriginal Use in the Border Ranges, Southeast Queensland. Unpublished M.Litt thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Elkin, A.P. 1949 The origin and interpretation of petroglyphs in southeast Australia. *Oceania* 20(2):119-157.
- Elvery, M. 1995 A Radiographic Study of the Broadbeach Aboriginal Dentition. Unpublished BDentSt thesis, Department of Dentistry, University of Queensland, Brisbane.
- Elvery, M.W., N.W. Savage and W.B. Wood 1998 Radiographic study of the Broadbeach Aboriginal dentition. *American Journal of Physical Anthropology* 107:211-219.
- Firinu, G. 1999 Assessing Stratigraphic Integrity with Conjoin Sets at Roof Fall Cave, Cania Gorge. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Flood, J. 1983 Quinkan country: The archaeology and art of Cape York Peninsula. *Hemisphere* 27:315-320.
- Flood, J. 1987 Rock art of the Koolburra Plateau, north Queensland. *Rock Art Research* 4(2):91-126.
- Flood, J. 1999 *Archaeology of the Dreamtime: The Story of Prehistoric Australia and its People*. Rev. ed. Sydney: Angus and Robertson.
- Flood, J. and N. Horsfall 1986 Excavations of Green Ant and Echidna Shelters, Cape York Peninsula. *Queensland Archaeological Research* 3:4-64.
- Flood, P.G. 1981 Carbon-14 dates from the coastal plains of Deception Bay, southeastern Queensland. *Queensland Government Mining Journal* 82:19-23.
- Francis, V. 1999 Residue Analysis of Stone Artefacts from Open Shell Midden Sites on the Southern Curtis Coast. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Francis, V. 2000 What's the Point: An Investigation of the Bone Artefacts from Platypus Rockshelter, Southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Sociology, Archaeology and Anthropology, University of Queensland, Brisbane.
- Frankel, D. 1982 Population trends and relationships in prehistoric Australia. *Journal of Australian Studies* 11:3-8.
- Frankland, K. 1990 Booral: A Preliminary Investigation of an Archaeological Site in the Great Sandy Strait Region, Southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Freedman, L. and W.B. Wood 1977a The Broadbeach burial site, southeast Queensland: A metrical analysis of a cranial sample. *Journal of Anatomy* 124:150.
- Freedman, L. and W.B. Wood 1977b Metrical features of Australian Aboriginal crania and mandibles from Broadbeach, southeast Queensland. *Archaeology and Physical Anthropology in Oceania* 12(1):1-25.
- Fullagar, R. and B. David 1997 Investigating changing attitudes towards an Australian Aboriginal Dreaming mountain over >37,000 years of occupation via residue and use wear analyses of stone artefacts. *Cambridge Archaeological Journal* 7(1):139-144.
- Ghaleb, B. 1990 An Ethnoarchaeological Study of Mabuig Island, Torres Strait, Northern Australia. Unpublished PhD thesis, Institute of Archaeology,

University College London, London.

- Ghaleb, B. 1998 Fish and fishing on a western Torres Strait Island, northern Australia: Ethnographic and archaeological perspectives. *Internet Archaeology* 4. <http://intarch.ac.uk/journal/issue4/fish/ghaleb/index.html>
- Gill, E.D. 1978a Age and origin of the Talgai cranium from the Darling Downs of Queensland, Australia. *The Artefact* 3(4):163-180.
- Gill, E.D. 1978b Geology of the Late Pleistocene Talgai cranium from S.E. Queensland, Australia. *Archaeology and Physical Anthropology in Oceania* 13(2&3):177-197.
- Gillespie, R. and H.A. Polach 1979 The suitability of marine shells for radiocarbon dating of Australian prehistory. In R. Berger and H. Suess (eds), *Radiocarbon Dating: Proceedings of the 9th International Conference on Radiocarbon Dating*, pp.404-421. Los Angeles: University of California Press.
- Gillespie, R. and R.B. Temple 1976 Sydney University natural radiocarbon measurements III. *Radiocarbon* 18(1):96-109.
- Gillespie, R. and R.B. Temple 1977 Radiocarbon dating of shell middens. *Archaeology and Physical Anthropology in Oceania* 12(1):26-37.
- Gillespie, R. and R.B. Temple 1979 Sydney University natural radiocarbon measurements V. *Radiocarbon* 21(1):95-106.
- Gillieson, D.S. 1982 *Aboriginal Sites of the Albert Valley, South East Queensland*. Cultural Resource Management Monograph Series 3. Brisbane: Archaeology Branch, Department of Aboriginal and Islanders Advancement.
- Gillieson, D. 1984 Geoarchaeological applications of scanning electron microscopy: Some Australian examples. *The Artefact* 6:43-54.
- Gillieson, D.S. and J. Hall 1982 Bevelling bungwall bashers: A use-wear study from southeast Queensland. *Australian Archaeology* 14:43-61.
- Goddard, R.H. 1940-1941 Aboriginal rock sculpture and stencilling in the Carnarvon Ranges. *Oceania* 11:368-372.
- Godwin, L. 1985 The Gylanda Weir Archaeological Salvage Project: A Report on the Analysis of Sites 1, 2, 3, 5, 7, and 8. Unpublished report to the Queensland Water Resources Commission, Brisbane.
- Godwin, L. 1990 Cultural heritage. In J. McCosker, Eurimbula National Park Draft Management Plan. Unpublished report to the Queensland Department of Environment and Heritage, Rockhampton.
- Goodall, R., B. David and J. Bartley 1996 Non-destructive techniques for the analysis and characterisation of pigments from archaeological sites: The case of Fern Cave. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.183-187. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Gould, R.A. 1978 Beyond analogy in ethnoarchaeology. In R.A. Gould (ed.), *Explorations in Ethnoarchaeology*, pp.249-321. Albuquerque: University of New Mexico Press.
- Gowlett, J.A.J., R.E.M. Hedges, I.A. Law and C. Perry 1987 Radiocarbon dates from the Oxford AMS system: Archaeometry datelist 5. *Archaeometry* 29(1):125-155.
- Grainer, J., B. David, R. Cribb, B. White and H. Kuhn 1992 Nurrabullgin - 'A mountain, once seen, never to be forgotten'. *Rock Art Research* 9(1):74-77.
- Gunn, B. and A. Thorn 1994 Aboriginal Rock Art in the Wet Tropics World Heritage Area, Northern Queensland: A Recording and Conservation Assessment. Unpublished report to Department of Environment and Heritage, Cairns.
- Haddon, A.C. (ed.) 1904 *Sociology, Magic and Religion of the Western Islanders*. Reports of the Cambridge Anthropological Expedition to Torres Straits 5. Cambridge: Cambridge University Press.
- Haglund, L. 1974 The Sandstone Point Shell Midden: A Preliminary Report. Appendix 5. In J. Stockton, Report of an Archaeological Survey in the Vicinity of Bribie Island, South-East Queensland, pp.118-131. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Haglund, L. 1976 *The Broadbeach Aboriginal Burial Ground: An Archaeological Analysis*. St Lucia: University of Queensland Press.
- Haglund-Calley, L. 1968 An Aboriginal burial ground at Broadbeach, Queensland: Excavation report. *Mankind* 6(12):676-680.
- Haglund-Calley, L. 1969 The Relation between the Broadbeach Burials and the Cultures of Eastern Australia. Unpublished MA thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Haglund-Calley, L. and M.C. Quinnell 1973 A shell midden at Cascade Gardens, Broadbeach, southeast Queensland. *Memoirs of the Queensland Museum* 16(3):399-409.
- Hale, H.M. and N.B. Tindale 1933 Aborigines of Princess Charlotte Bay. *Records of the South Australian Museum* 5:118-162.
- Hall, H.J. 1980a Archaeology at the University of Queensland: A brief outline. *Australian Archaeology* 10:79-85.
- Hall, H.J. 1980b Minner Dint: A recent Aboriginal midden on Moreton Island, southeastern Queensland. In P.K. Lauer (ed.), *Occasional Papers in Anthropology* 10:94-112. St Lucia: Anthropology Museum, University of Queensland.
- Hall, H.J. 1982 Sitting on the crop of the Bay: An historical and archaeological sketch of Aboriginal

- settlement and subsistence in Moreton Bay, southeast Queensland. In S. Bowdler (ed.), *Coastal Archaeology in Eastern Australia: Proceedings of the 1980 Valla Conference on Australian Prehistory*, pp.79-95. Occasional Papers in Prehistory 11. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Hall, H.J. 1984 Exploratory excavation at Toulkerrie midden (LB:B75), Moreton Island, S.E. Queensland. *Queensland Archaeological Research* 1:61-84.
- Hall, J. 1986 Exploratory excavation at Bushrangers Cave (Site LA:A11), a 6000-year-old campsite in southeast Queensland: Preliminary results. *Australian Archaeology* 22:88-103.
- Hall, H.J. 1987 A short prehistory of the Moreton Region. In R. Fisher (ed.), *Brisbane: Aboriginal, Alien, Ethnic*, pp.14-22. Brisbane History Group Papers 5. St Lucia: Department of History, University of Queensland.
- Hall, J. 1988a An Archaeological Inspection of Proposed Alternate Route for Existing Road at Oysterman's Reserve, Toulkerrie, Moreton Island. UQASU Report 125. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland.
- Hall, J. 1988b An Archaeological Management Plan for the Proposed Oysterman's Reserve, Toulkerrie, Moreton Island. UQASU Report 127. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland.
- Hall, H.J. 1990 20 000 years of human impact on the Brisbane River and environs. In P. Davie, E. Stock and D.L. Choy (eds), *The Brisbane River: A Source-Book for the Future*, pp.175-182. Brisbane: Australian Littoral Society and the Queensland Museum.
- Hall, H.J. 1995 The Saint-Smith Midden Site at Beachmere, S.E. Queensland: A Report on Archaeological Fieldwork 1994. Unpublished report to the Heritage Section, Queensland Department of Environment and Heritage. St Lucia: Department of Anthropology and Sociology, University of Queensland.
- Hall, H.J. 1999 The impact of sea level rise on the archaeological record of the Moreton region, southeast Queensland. In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.169-184. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Hall, J. and G. Bowen 1989 An excavation of a midden complex at the Toulkerrie Oysterman's lease, Moreton Island, SE Queensland. *Queensland Archaeological Research* 6:3-27.
- Hall, J. and G. Bowen 1990 Excavation of the Midden Complex at the Toulkerrie Oysterman's Lease, Moreton Island, S.E. Queensland: Significance and Management. UQASU Report 148. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland.
- Hall, J. and P. Hiscock 1988 The Moreton Regional Archaeological Project (MRAP) - Stage II: An outline of objectives and methods. *Queensland Archaeological Research* 5:4-24.
- Hall, J. and I. Lilley 1987 Excavation at the New Brisbane Airport site (LB:C69): Evidence for early mid-Holocene coastal occupation in Moreton Bay, SE Queensland. *Queensland Archaeological Research* 4:54-79.
- Hekel, H., W.T. Ward, M. Jones and D.E. Searle 1979 Geological development of northern Moreton Bay. In A. Bailey and N.C. Sevens (eds), *Northern Moreton Bay Symposium*, pp.7-18. Brisbane: Royal Society of Queensland.
- Helman, M. 1934 The form of the Talgai palate. *American Journal of Physical Anthropology* 19:1-15.
- Hendy, C.H., T.A. Rafter and N.W.G. Macintosh 1973 The formation of carbonate nodules in the soils of the Darling Downs, Queensland, Australia and the dating of the Talgai cranium. In *Proceedings of the 8th International Conference on Radio Carbon Dating, Wellington, New Zealand*, pp.D106-126.
- Hermes, M. 1984 Mazie Bay: An Analysis and Interpretation of the Faunal Component. Unpublished B.A. (Hons) thesis, Department of Prehistory and Anthropology, Australian National University, Canberra.
- Higham, T. 2000 Age calculation. Radiocarbon Web-Info. <http://www.c14dating.com/agecalc.html>
- Hiscock, P. 1984 A preliminary report on the stone artefacts from Colless Creek cave, northwest Queensland. *Queensland Archaeological Research* 1:120-151.
- Hiscock, P. 1985 The need for a taphonomic perspective in stone artefact analysis. *Queensland Archaeological Research* 2:82-97.
- Hiscock, P. 1988a Prehistoric Settlement Patterns and Artefact Manufacture at Lawn Hill, Northwest Queensland. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Hiscock, P. 1988b Developing a relative dating system for the Moreton Region: An assessment of prospects for a technological approach. *Queensland Archaeological Research* 5:113-132.
- Hiscock P. 1990 A study in scarlet: Taphonomy and inorganic artefacts. In S. Solomon, I. Davidson and D. Watson (eds), *Problem Solving in Taphonomy: Archaeological and Palaeontological Studies from Europe, Africa and Oceania*, pp.34-49. *Tempus* 2. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.

- Hiscock, P. and J. Hall 1988a Technological change at Platypus Rockshelter (KB:A70), southeast Queensland. *Queensland Archaeological Research* 5:63-89.
- Hiscock, P. and J. Hall 1988b Technological change at Bushranger's Cave (LA:A11) S.E. Queensland. *Queensland Archaeological Research* 5:90-112.
- Hiscock, P. and P.J. Hughes 1980 Backed blades in northern Australia: Evidence from northwest Queensland. *Australian Archaeology* 10:86-95.
- Hobson, K.A. and S. Collier 1984 Marine and terrestrial protein in Australian Aboriginal diets. *Current Anthropology* 25(2):238-240.
- Hobson, K.A. and S. Collier 1986 On Australian Aboriginal diets: Reply. *Current Anthropology* 27(1):54.
- Holden, A. 1999 A Technological Analysis of the Lithic Assemblage from Hay Cave, S.E. Cape York Peninsula: Considering Diachronic Variations in Patterns of 'Intensity of Site Use'. 2 vols. Unpublished B.A. (Hons) thesis, Department of Sociology, Anthropology and Archaeology, University of Queensland, Brisbane.
- Hopley, D. 1970a Coastal Geomorphology in the Townsville Region. Unpublished PhD thesis, James Cook University of North Queensland, Townsville.
- Hopley, D. 1970b *The Geomorphology of the Burdekin Delta, North Queensland*. Monograph Series 1. Townsville: Department of Geography, James Cook University of North Queensland.
- Horsfall, N. 1983 Excavations at Jiyeer Cave, northeast Queensland: Some results. In M. Smith (ed.), *Archaeology at ANZAAS 1983*, pp.172-178. Perth: Western Australian Museum.
- Horsfall, N. 1987 Living in Rainforest: The Prehistoric Occupation of North Queensland's Humid Tropics. Unpublished PhD thesis, Department of Behavioural Science, James Cook University of North Queensland, Townsville.
- Horsfall, N. 1996 Holocene occupation of the tropical rainforests of north Queensland. In P. Veth and P. Hiscock (eds), *Archaeology of Northern Australia*, pp.175-190. Tempus 4. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Horton, D.R. 1977 A 10,000 year old *Sarcophilus* from Cape York. *Search* 8:374-375.
- Hubbs, C.L., G.S. Bien and H.E. Suess 1965 La Jolla natural radiocarbon measurements IV. *Radiocarbon* 7:66-117.
- Huchet, B.M.J. 1990 A taphonomic analysis of the faunal assemblage from Yam Camp rockshelter, S.E. Cape York Peninsula. *Queensland Archaeological Research* 7:57-72.
- Hughes, P.J. 1983 Colless Creek rock shelter archaeological site, northwest Queensland - 18KA. In J.M.A. Chappell and A. Grindrod (eds), *Proceedings of the First CLIMANZ Conference, Victoria, Feb 8-13, 1981*, pp.59-61. Canberra: Department of Biogeography and Geomorphology, Research School of Pacific Studies, Australian National University.
- Johnston, H. and M. Rowland 1987 Representativeness, Conservation and the Archaeology Branch (Queensland) Site Register. Unpublished report to the Archaeology Branch, Department of Community Services, Brisbane.
- Jung, S. 1990 Chronological Changes in Stone Artefact Resource Utilisation at Magnificent Gallery, South-East Cape York Peninsula, Northern Queensland. Unpublished M.Litt thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Jung, S. 1992 Trample damage of stone flakes as an index of occupation intensity: A case study from Magnificent Gallery. *Queensland Archaeological Research* 9:26-28.
- Kearney, A.J. 1998 Bushrangers Cave: An Archaeofaunal Analysis and Palaeoenvironmental Study. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Kelly, M. 1982 *A Practical Reference Source to Radiocarbon Dates Obtained from Archaeological Sites in Queensland*. Cultural Resource Management Monograph Series 4. Brisbane: Archaeology Branch, Department of Aboriginal and Islanders Advancement.
- Kigoshi, K. and H. Kobayashi 1966 Gakushuin natural radiocarbon measurements V. *Radiocarbon* 8:54-73.
- Krueger, V.L. 1997 No Place Like Home: An Investigation of Site Use During the Last Glacial Maximum at Fern Cave, Northeastern Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Lamb, L. 1993 Fern Cave: A Technological Investigation of Increased Stone Artefact Deposition Rates. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Lamb, L. 1996 Investigating changing stone technologies, site use and occupational intensities at Fern Cave, north Queensland. *Australian Archaeology* 42:1-6.
- Langham, I. 1978 Talgai and Piltdown - The common context. *The Artefact* 3(4):181-224.
- Lauer, P.K. 1978 The museum's role in fieldwork: The Fraser Island study. In P.K. Lauer (ed.), *Occasional Papers in Anthropology* 9:31-72. St Lucia: Anthropology Museum, University of Queensland.
- Lauer, P.K. 1986 Report and Recommendations on the Aboriginal Shell Midden at Polka Point, Stradbroke Island. Unpublished report to the Anthropology Museum, University of Queensland, Brisbane.
- Lauer, P.K. and G.H. Dillon 1986 The Kombumerri Culture Centre: A progress report. *Bulletin of the Conference of Museum Anthropologists* 19:22-25.
- Lavell, C., R.L. Otlet and A.J. Walker 1992 The CBA/RCD computer database of radiocarbon dated sites. *Antiquity* 66:969-974.

- Lee-Thorpe, J.A. and J.C. Sealy 1986 On Australian Aboriginal diets. *Current Anthropology* 27(1):54.
- L'Estrange, S. 1998 Tainted Glass. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Lilley, I.A. 1982 A Finger on the Pulse: Analysis of Site Location Patterns in Subcoastal Southeast Queensland. Unpublished MA thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Lilley, I. 1994 An Archaeological Assessment of Proposed Sand-Mining on Middle Island, Coastal Central Queensland. UQASU Report 244. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Lilley, I., D. Brian, C. Clarkson and S. Ulm 1998 Pleistocene Aboriginal occupation at Cania Gorge, central Queensland: Preliminary results of fieldwork. *Archaeology in Oceania* 33(1):28-31.
- Lilley, I., D. Brian and S. Ulm 1999a The use of foraminifera in the identification and analysis of marine shell middens: A view from Australia. In M-J. Mountain and D. Bowdery (eds), *Taphonomy: The Analysis of Processes from Phytoliths to Megafauna*, pp.9-16. Research Papers in Archaeology and Natural History 30. Canberra: ANH Publications, Research School of Pacific and Asian Studies, Australian National University.
- Lilley, I.A. and H.J. Hall 1988 An Archaeological Assessment of Northeastern Moreton Island. UQASU Report 126. Brisbane: University of Queensland Archaeological Services Unit, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Lilley, I. and S. Ulm 1995 The Gooreng Gooreng Cultural Heritage Project: Some proposed directions and preliminary results of the archaeological program. *Australian Archaeology* 41:11-15.
- Lilley, I. and S. Ulm 1999 The Gooreng Gooreng Cultural Heritage Project: Preliminary results of archaeological research, 1993-1997. *Queensland Archaeological Research* 11:1-14.
- Lilley, I., S. Ulm and D. Brian 1996 The Gooreng Gooreng Cultural Heritage Project: First radiocarbon determinations. *Australian Archaeology* 43:38-40.
- Lilley, I. S. Ulm and M. Williams (eds) 1999b The Gooreng Gooreng Cultural Heritage Project: Preliminary results of archaeological research, 1993-1997. *Queensland Archaeological Research* 11.
- Lilley, I., M. Williams and S. Ulm 1997 *The Gooreng Gooreng Cultural Heritage Project: A Report on National Estate Program Research, 1995-1996*. 2 vols. Brisbane: Aboriginal and Torres Strait Islander Studies Unit, University of Queensland.
- L'Oste-Brown, S. 1991 The East Side Story: A Tale of Technological Change in the Mid-to-Late Holocene. Unpublished paper presented to the Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- L'Oste-Brown, S. 1992 Getting Organised: Causes of Stone Artefact Variability in Southeast Cape York Peninsula. Unpublished B.A. (Hons) thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Macintosh, N.W.G. 1952 The Talgai teeth and dental arch: Remeasurement and reconstruction. *Oceania* 23(2):106-109.
- Macintosh, N.W.G. 1965 The physical aspect of man in Australia. In R.M. Berndt and C.H. Berndt (eds), *Aboriginal Man in Australia: Essays in Honour of Emeritus Professor A.P. Elkin*, pp.46-50. Sydney: Angus and Robertson.
- Macintosh, N.W.G. 1967a Fossil man in Australia: With particular reference to 1965 discovery at Green Gully near Keilor, Victoria. *Australian Journal of Science* 30(3):86-98.
- Macintosh, N.W.G. 1967b Recent discoveries of early Australian man. *Annals of the Australian College of Dental Surgeons* 1:104-126.
- Macintosh, N.W.G. 1969 The Talgai cranium: The value of archives. *Australian Natural History* 16:189-195.
- Macintosh, N.W.G. 1973 Radiocarbon dating as a pointer in time to the arrival and history of man in Australia and islands to the north-west. In *Proceedings of the 8th International Conference on Radio Carbon Dating, Wellington, New Zealand*, pp.XLIV-LVI.
- Macintosh, N.W.G. 1974 Early man and the dog in Australia. In A.P. Elkin and N.W.G. Macintosh (eds), *Grafton Elliot Smith: The Man and His Work*, pp.83-94. Sydney: Sydney University Press.
- MacLellan, A.S. 1901 *The Queenslander* 9 February 1901:66.
- Magee, J. 1994 Analysis of Carbonate Mineralogies, Fern Cave. Appendix D. In B. David, *A Space-Time Odyssey: Rock Art and Regionalisation in North Queensland Prehistory*, pp.337-339. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Magee, J. and B. David 1994 Nitrogen and Sediment Thin Section Analyses, Fern Cave. Appendix C. In B. David, *A Space-Time Odyssey: Rock Art and Regionalisation in North Queensland Prehistory*, pp.331-336. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Magee, J.W. and P.J. Hughes 1982 Thin section analysis and the geomorphic history of the Colless Creek archaeological site in northwestern Queensland. In W. Ambrose and P. Duerden (eds), *Archaeometry: An Australasian Perspective*, pp.120-128. Occasional Papers in Prehistory 11. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Mahony, D.J. 1943a The antiquity of man in Australia.

- Australian Journal of Science* 6:90.
- Mahony, D.J. 1943b The problem of antiquity of man in Australia. *Memoirs of the National Museum, Melbourne* 13:7-56.
- Mardaga-Campbell, M. 1986 Prehistoric living-floors and evidence for them in north Queensland rockshelters. *Australian Archaeology* 23:42-61.
- Mardaga-Campbell, M. 1995 Under the Boardwalk: 'Living-Floor' Research in Aboriginal Rockshelters of North Queensland (Australia). Unpublished PhD thesis, Department of Anthropology and Archaeology, James Cook University of North Queensland, Townsville.
- Mardaga-Campbell, M. and J.B. Campbell 1985 Lithic occurrences and stratigraphic problems at Turtle Rock (Hervey Range), north Queensland. *Queensland Archaeological Research* 2:98-131.
- Marshall, A.J. 1935 The Whitsunday Isles. *Australian Museum Magazine* 5:414-418.
- Maynard, L. 1979 The archaeology of Australian Aboriginal art. In S.M. Mead (ed.), *Exploring the Visual Art of Oceania: Australia, Melanesia, Micronesia, and Polynesia*, pp.83-110. Honolulu: University of Hawaii Press.
- McFadgen, B., T. Higham and R. Sparks 2000 New Zealand radiocarbon database for archaeology. *Archaeology in New Zealand* 43(4):297-300.
- McNiven, I. 1985 An archaeological survey of the Cooloola region, S.E. Queensland. *Queensland Archaeological Research* 2:4-37.
- McNiven, I.J. 1988 Brooyar Rockshelter: A late Holocene seasonal hunting camp from southeast Queensland. *Queensland Archaeological Research* 5:133-160.
- McNiven, I.J. 1989 Aboriginal shell middens at the mouth of the Maroochy River, southeast Queensland. *Queensland Archaeological Research* 6:28-52.
- McNiven, I.J. 1990a Prehistoric Aboriginal Settlement and Subsistence in the Cooloola Region, Coastal Southeast Queensland. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- McNiven, I.J. 1990b Blowout taphonomy: Non-cultural associations between faunal and stone artefact assemblages along the Cooloola coast, southeast Queensland. *Australian Archaeology* 31:67-74.
- McNiven, I.J. 1991a Teewah Beach: New evidence for Holocene coastal occupation in coastal southeast Queensland. *Australian Archaeology* 33:14-27.
- McNiven, I.J. 1991b Settlement and subsistence activities along Tin Can Bay, southeast Queensland. *Queensland Archaeological Research* 8:85-107.
- McNiven, I.J. 1991c The Double Island Point Aboriginal burials, coastal southeast Queensland. *Australian Archaeology* 32:10-16.
- McNiven, I.J. 1992a Shell middens and mobility: The use of off-site faunal remains, Queensland, Australia. *Journal of Field Archaeology* 19(4):495-508.
- McNiven, I.J. 1992b Bevel-edged tools from coastal southeast Queensland. *Antiquity* 66:701-709.
- McNiven, I. 1992c Sandblow sites in the Great Sandy Region, coastal southeast Queensland: Implications for models of late Holocene rainforest exploitation and settlement restructuring. *Queensland Archaeological Research* 9:1-16.
- McNiven, I.J. 1993 Raw material proximity and bevel-edged tool use, Teewah Beach, southeast Queensland. *Archaeology in Oceania* 28(3):138-143.
- McNiven, I. 1998 Aboriginal archaeology of the Corroboree Beach dune field, Fraser Island: Re-survey and re-assessment. *Memoirs of the Queensland Museum, Cultural Heritage Series* 1(1):1-22.
- McNiven, I.J. 1999 Fissioning and regionalisation: The social dimensions of changes in Aboriginal use of the Great Sandy Region, southeast Queensland. In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.157-168. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Mills, R.A. 1992 Aboriginal Occupation of Lizard Island. Unpublished M.Litt thesis, Department of Prehistoric and Historical Archaeology, University of Sydney, Sydney.
- Mitchell, S.R. 1940-1941 A note on artefacts in the Carnarvon Ranges. *Oceania* 11(4):372-373.
- Moore, D.R. 1974 The Australian-Papuan Frontier at Cape York: A Reconstruction of the Ethnography of the Peoples on Mainland Cape York and the Adjacent Torres Strait Islands, their Interaction with each other, and their Prehistory; Incorporating Unpublished Documentary Evidence and an Archaeological Survey of the Area. Unpublished PhD thesis, Department of Prehistory, University of New England, Armidale.
- Moore, D.R. 1979 *Islanders and Aborigines at Cape York: An Ethnographic Reconstruction based on the 1848-1850 'Rattlesnake' Journals of O.W. Brierly and Information he obtained from Barbara Thompson*. Canberra: Australian Institute of Aboriginal Studies.
- Mortlock, A.J., D. Price and G. Gardiner 1979 The discovery and preliminary thermoluminescence dating of two Aboriginal cave shelters in the Selwyn Ranges, Queensland. *Australian Archaeology* 9:82-86.
- Morwood, M. 1978 Ken's Cave and the art of central-western Queensland. *Australian Archaeology* 8:22-31.
- Morwood, M. 1979 Art and Stone: Towards a Prehistory of Central Western Queensland. 2 vols. Unpublished PhD thesis, Department of Archaeology and Anthropology, Faculty of Arts, Australian National University, Canberra.
- Morwood, M.J. 1980 St Helena National Park. Unpublished report to the Archaeology Branch, Department of Aboriginal and Islander Advancement, Brisbane.

- Morwood, M.J. 1981 Archaeology of the Central Queensland Highlands: The stone component. *Archaeology in Oceania* 16(1):1-52.
- Morwood, M.J. 1984 The prehistory of the Central Queensland Highlands. In F. Wendorf and A. Close (eds), *Advances in World Archaeology* 3:325-379. Orlando: Academic Press.
- Morwood, M.J. 1985 Preliminary Archaeological Assessment: Proposed Gylanda Weir, Dawson River, Central Queensland. Unpublished report to the Queensland Water Resources Commission, Brisbane.
- Morwood, M.J. 1986a The archaeology of art: Excavations at Maidenwell and Gatton Shelters, southeast Queensland. *Queensland Archaeological Research* 3:88-132.
- Morwood, M.J. 1986b An Archaeological Assessment of Sites in Nathan Gorge, Gylanda Weir Study Area. Unpublished report to the Queensland Water Resources Commission, Brisbane.
- Morwood, M.J. 1987 The archaeology of social complexity in south-east Queensland. *Proceedings of the Prehistoric Society* 53:337-350.
- Morwood, M. 1989a The archaeology of Aboriginal art in S.E. Cape York: A research proposal. *Rock Art Research* 6(1):71-72.
- Morwood, M. 1989b The archaeology of Aboriginal art in S.E. Cape York: Preliminary report on the 1989 fieldwork. *Rock Art Research* 6(2):155-156.
- Morwood, M. 1990a The prehistory of Aboriginal landuse on the upper Flinders River, north Queensland highlands. *Queensland Archaeological Research* 7:3-56.
- Morwood, M.J. 1990b Preliminary Report on the 1989 Excavations at Yam Camp Rockshelter, Red Bluff Rockshelter, Magnificent Shelter and Sandy Creek Rockshelter. Unpublished report to the Quinkan Reserves Trust.
- Morwood, M.J. 1990c Edge-ground axes in Pleistocene Greater Australia - More evidence from S.E. Cape York Peninsula: A reply to Sutton. *Queensland Archaeological Research* 7:110-114.
- Morwood, M.J. 1993 Cause and effect: Pleistocene Aboriginal occupation in the Quinkan region, southeast Cape York Peninsula. In M.A. Smith, M. Spriggs and B. Fankhauser (eds), *Sahul in Review: Pleistocene Archaeology in Australia, New Guinea and Island Melanesia*, pp.173-179. Occasional Papers in Prehistory 24. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Morwood, M. 1994 Handy household hints for archaeological excavations at rock art sites. *Rock Art Research* 11(1):10-12.
- Morwood, M. 1995a Excavations at Giant Horse. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.101-106. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M. 1995b Excavations at Red Bluff 1. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.127-132. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M. and L. Dagg 1995 Excavations at Yam Camp. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.107-115. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M.J. and L.M. Godwin 1982 Aboriginal sites in the Hughenden region, north Queensland highlands: Research prospects. *Australian Archaeology* 15:49-53.
- Morwood, M.J. and L. Godwin 1987 Archaeology of the Gylanda region, Dawson River, central Queensland. *Queensland Archaeological Research* 4:96-114.
- Morwood, M. and D. Hobbs (eds) 1995 *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M., D. Hobbs and D. Price 1995a Excavations at Sandy Creek 1 and 2. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.71-92. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M. and S. Jung 1995 Excavations at Magnificent Gallery. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.92-100. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M. and S. L'Oste-Brown 1995 Excavations at Red Horse. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.116-126. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M., S. L'Oste-Brown and D. Price 1995b Excavations at Mushroom Rock. In M. Morwood and D. Hobbs (eds), *Quinkan Prehistory: The Archaeology of Aboriginal Art in SE Cape York Peninsula, Australia*, pp.133-146. Tempus 3. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Morwood, M.J. and P.J. Trezise 1989 Edge-ground axes in Pleistocene Greater Australia: New evidence from southeast Cape York Peninsula. *Queensland Archaeological Research* 6:77-90.

- Mowat, F. 1989 Bushrangers Cave: A Faunal Analysis. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Mulvaney, D.J. 1962 Advancing frontiers in Australian archaeology. *Oceania* 33(2):135-138.
- Mulvaney, D.J. 1964 The Pleistocene colonization of Australia. *Antiquity* 38:263-267.
- Mulvaney, D.J. 1971 Kenniff Cave C14 dates (1971). In J. Mummery (ed.), *Prehistory and Heritage: The Writings of John Mulvaney*, pp.72-73. Occasional Papers in Prehistory 17. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Mulvaney, D.J. 1975 *The Prehistory of Australia*. Rev. ed. Ringwood, VIC: Penguin Books.
- Mulvaney, D.J. and E.B. Joyce 1965 Archaeological and geomorphological investigations on Mt. Moffatt Station, Queensland, Australia. *Proceedings of the Prehistoric Society* 31:147-212.
- Murphy, A.M.C. 1978 The Broadbeach and Coastal Adelaide Aboriginal Populations: A Metrical Analysis of the Femora and Tibiae. Unpublished BSc (Hons), Department of Anatomy, University of Queensland, Brisbane.
- Murphy, A.M.C. 1991 Into a Kingdom of Bones: A Metrical Analysis of the Pectoral Girdles and Innominates of the Broadbeach Australian Aborigines and the New Zealand Polynesians. Unpublished PhD thesis, Department of Anatomy, University of Queensland, Brisbane.
- Murphy, A.M.C. and W.B. Wood 1983 Lower limb proportions in the Australian Aborigine: A re-examination. *Proceedings of the XV Pacific Science Congress* 1:1972.
- Murphy, A.M.C. and W.B. Wood 1986 Lower limb proportions in the Australian Aborigine: Re-examination and Australasian perspectives. In G.K. Ward (ed.), *Archaeology at ANZAAS, Canberra*, pp.86-95. Canberra: Canberra Archaeological Society.
- Neal, R. 1984 Rescue Archaeology Near Blue Lake, North Stradbroke Island. Unpublished report to Associated Minerals Consolidated Ltd and the Archaeology Branch, Department of Community Services. St Lucia: Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Neal, R.A. 1986 Results of the Archaeological Inspection of Proposed Telecom DRCS and Broadband Locations for December 1986. Unpublished report to Telecom Australia.
- Neal, R. 1989 Results of National Estate Funding of Radiocarbon Dates from Archaeological Sites on North Stradbroke Island. Unpublished report to the Cultural Heritage Section, Queensland Department of Community Services and Ethnic Affairs, Brisbane.
- Neal, R. and E. Stock 1986 Pleistocene occupation in the south-east Queensland coastal region. *Nature* 323:618-621.
- Nolan, A. 1986 Sandstone Point: Temporal and Spatial Patterns of Aboriginal Site Use at a Midden Complex, South-East Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Novello, M. 1989 A Taphonomic Analysis of the Faunal Remains from Platypus Rockshelter (Site KB:A70), S.E. Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Oakley, K.P., B.G. Campbell and T.I. Molleson 1975 *Catalogue of Fossil Hominids: Americas, Asia, Australasia*. Vol. 3. London: British Museum (Natural History).
- Palmerston, C. 1887 The diary of a northern pioneer. *The Queensland Figaro* 12 February-23 April 1887, pp.265-266, 295, 346, 351, 385, 433, 467, 491, 545-546, 596, 651.
- Pardoe, C. 1993 The Pleistocene is still with us: Analytical constraints and possibilities for the study of ancient human remains in archaeology. In M.A. Smith, M. Spriggs and B. Fankhauser (eds), *Sahul in Review: Pleistocene Archaeology in Australia, New Guinea and Island Melanesia*, pp.81-94. Occasional Papers in Prehistory 24. Canberra: Department of Prehistory, Australian National University.
- Pearson, W. 1989 A technological analysis of stone artefacts from Yam Camp surface scatter and rockshelter, S.E. Cape York Peninsula. *Queensland Archaeological Research* 6:91-102.
- Pearson, W. 1990 Prehistoric Aboriginal Land and Resource Use in Southeast Cape York Peninsula: A Technological View. Unpublished B.A. (Hons) thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Pentecost, P. and M. Bird 1995 Report on a Cultural Resource Management and Site Stabilisation Project at Kennedy A Rockshelter, Kennedy Valley, North Queensland. Unpublished report to the Jumbun and CAMU Aboriginal Communities.
- Polach, H.A., J.J. Stipp, J. Golson and J.F. Lovering 1967 ANU radiocarbon date list I. *Radiocarbon* 9:15-27.
- Quinnell, M.C. 1972 Aboriginal rock engravings near Rocky Scrub Creek, Junction View, southeast Queensland: Tyron's Pigeon Creek site re-recorded. *Memoirs of the Queensland Museum* 16(2):215-221.
- Quinnell, M.C. 1975 Aboriginal rock art in Carnarvon Gorge south-central Queensland. *Anthropological Society of Queensland Newsletter* 69:2-10.
- Quinnell, M.C. 1976 Aboriginal Rock Art in Carnarvon Gorge, South Central Queensland. Unpublished MA thesis, Department of Prehistory and Archaeology, University of New England, Armidale.
- Quinnell, M.C. 1977 Schematisation and naturalism in the rock art of south central Queensland. In P.J. Ucko (ed.), *Form in Indigenous Art: Schematisation in the Art of*

- Aboriginal Australia and Prehistoric Europe*, pp.414-417. Canberra: Australian Institute of Aboriginal Studies.
- Rafter, T.A., N.W.G. Macintosh and E.D. Gill 1970 The dating of man in Australia. In N.G. Kaigi (ed.), *Abstracts of the International Symposium on Hydrogeochemistry and Biogeochemistry, Toyko*. Tokyo: International Association of Geochemistry and Cosmochemistry.
- Rafter, T.A., N.W.G. Macintosh and E.D. Gill 1973 The dating of man in Australia. In N.G. Kaigi (ed.), *International Symposium on Hydrogeochemistry and Biogeochemistry, Toyko*. Washington, D.C.: Clarke.
- Redmond, K.B. 1963 Unique Aboriginal stencil in Queensland. *Australian Natural History* 14(8):271.
- Reid, J. 1997 Results and Analysis of E1: An Investigation of the Archaeological Record of the Eurimbula Shell Midden Complex, Central Queensland Coast. Unpublished report submitted for ID232: Independent Project in Aboriginal and Torres Strait Islander Studies I, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Reid, J. 1998 An Archaeological Approach to Quarry Studies: A Technological Investigation of the Ironbark Site Complex, Southern Curtis Coast, Australia. 2 vols. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Reid, J. 1999 Thesis Abstract: An Archaeological Approach to Quarry Studies: A Technological Investigation of the Ironbark Site Complex, Southern Curtis Coast, Australia. *Australian Archaeology* 48:58.
- Reimer, P. 2000 Marine reservoir correction database. <http://calib.org/marine/>
- Richardson, N. 1984 An archaeological investigation of sandmining lease SML 931 on North Stradbroke Island. In R.J. Coleman, J. Covacevich and P. Davie (eds), *Focus on Stradbroke: New Information on North Stradbroke Island and Surrounding Areas, 1974-1984*, pp.23-32. Brisbane: Boolarong Publications.
- Richardson, N. 1992 Conjoin sets and stratigraphic integrity in a sandstone shelter: Kenniff Cave (Queensland, Australia). *Antiquity* 66:408-418.
- Richardson, N. 1996 Seeing is believing: A graphical illustration of the vertical and horizontal distribution of conjoined artefacts using DesignCAD 3D. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.81-95. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Richter, J. 1994 A Pound of Bungwall and Other Measures. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Richter, J. 1996 Weights and measures: Estimating food consumption from use-wear analysis. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.161-168. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Ridges, M. 1995 An Investigation into the Aboriginal Rock Art Paints of the Selwyn Ranges, Northwest Queensland. Unpublished B.Sc (Hons) thesis, Department of Archaeology and Palaeoanthropology, University of New England, Armidale.
- Ridges, M., I. Davidson and D. Tucker 2000 The organic environment of paintings on rock. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.61-70. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.
- Ritchie, A. 1979 The Talgai Skull story and the use - or misuse - of archives. *The Artefact* 4(1):41-49.
- Robins, R.P. 1983 This Widow Land: An Evaluation of Public Archaeology in Queensland using Moreton Island as a Case Study. Unpublished MA thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Robins, R.P. 1984 The excavation of three archaeological sites on Moreton Island: First Ridge and the Little Sandhills. *Queensland Archaeological Research* 1:51-60.
- Robins, R.P. 1993 Archaeology and the Currawinya Lakes: Towards a Prehistory of Arid Lands of Southwest Queensland. Unpublished PhD thesis, Faculty of Environmental Sciences, Griffith University, Brisbane.
- Robins, R.P. 1995 The results of test excavations in three rockshelters in southwest Queensland. *Memoirs of the Queensland Museum* 38(2):643-666.
- Robins, R.P. 1998 Archaeological investigations at Youlain Springs, southwest Queensland. *Memoirs of the Queensland Museum, Cultural Heritage Series* 1(1):57-74.
- Robins, R.P., E.C. Stock and D.S. Trigger 1998 Saltwater people, saltwater country: Geomorphological, anthropological and archaeological investigations of the coastal lands in the southern gulf country of Queensland. *Memoirs of the Queensland Museum, Cultural Heritage Series* 1(1):75-125.
- Roche, N. 1999 Reading the Bones: An Analysis of Cultural and Palaeoenvironmental Trends at Hay Cave, S.E. Cape York. Unpublished B.A. (Hons) thesis, Department of Sociology, Anthropology and Archaeology, University of Queensland, Brisbane.
- Rosenfeld, A. 1975 The Early Man sites: Laura, 1974. *Australian Institute of Aboriginal Studies Newsletter (N.S.)* 3:37-40.
- Rosenfeld, A., D. Horton and J. Winter 1981 *Early Man in North Queensland: Art and Archaeology in the Laura Area*. Terra Australis 6. Canberra: Department of Prehistory, Research School of Pacific Studies,

- Australian National University.
- Ross, A. 2000 Results of the Lazaret Midden Excavation on Peel Island in a Landscape and Seascape Context. Unpublished paper presented to the Department of Sociology, Anthropology and Archaeology, University of Queensland, Brisbane, 19 May 2000.
- Ross, A. and S. Coghill 1996 The Creation of Evidence: Sieve Size and the Evidence for Fishing in the Lazaret Midden, Peel Island, Moreton Bay. Unpublished paper presented to the Australian Archaeological Association Annual Conference, Dzintari, South Australia, 6 December 1996.
- Ross, A. and R. Duffy 2000 Fine mesh screening of midden material and the recovery of fish bone: The development of flotation and deflocculation techniques for an efficient and effective procedure. *Geoarchaeology* 15(1):21-41.
- Rowe, C. 1998 The Value of Land Snails for Reconstruction of Palaeoenvironments in Northern Queensland. Unpublished B.Sc. thesis, Department of Geography and Environmental Science, Monash University, Melbourne.
- Rowe, C., B. David, J. Stanisic and H. Lourandos in press The Helicinid land snail *Pleuropoma extincta* (Odhner, 1917) as an environmental indicator in archaeology. *Memoirs of the Queensland Museum*.
- Rowland, M.J. 1980 The Keppel Islands - Preliminary investigations. *Australian Archaeology* 11:1-17.
- Rowland, M.J. 1981 Radiocarbon dates for a shell fishhook and disc from Mazie Bay, North Keppel Island. *Australian Archaeology* 12:63-69.
- Rowland, M.J. 1982a Stockyard Point - Capricorn Coast: A brief note from *terra incognita*. *Australian Archaeology* 15:35-42.
- Rowland, M.J. 1982b Further radiocarbon dates from the Keppel Islands. *Australian Archaeology* 15:43-48.
- Rowland, M.J. 1983 A note on corrections to radiocarbon dates from the Keppel Islands. *Australian Archaeology* 17:134-135.
- Rowland, M.J. 1984 A long way in a bark canoe: Aboriginal occupation of the Percy Isles. *Australian Archaeology* 18:17-31.
- Rowland, M.J. 1985a Further radiocarbon dates from Mazie Bay, North Keppel Island. *Australian Archaeology* 21:113-118.
- Rowland, M.J. 1985b Archaeological investigations on Moa and Naghi Islands, western Torres Strait. *Australian Archaeology* 21:119-132.
- Rowland, M.J. 1986 The Whitsunday Islands: Initial historical and archaeological observations and implications for future work. *Queensland Archaeological Research* 3:72-87.
- Rowland, M.J. 1987 Preliminary Archaeological Survey of Coastal Areas of the Bundaberg 1:250,000 sheet (KE). Unpublished report to the Queensland Department of Environment and Heritage, Brisbane.
- Rowland, M.J. 1992 Conservation Plan for Cultural Heritage Sites on the Keppel Island Group, Central Queensland. Unpublished report to the Livingstone Shire Council and National Parks and Wildlife Branch, Division of Conservation, Department of Environment and Heritage, Brisbane.
- Rowland, M.J. 1996 Prehistoric archaeology of the Great Barrier Reef province - Retrospect and prospect. In P. Veth and P. Hiscock (eds), *Archaeology of Northern Australia*, pp.191-212. Tempus 4. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Rowland, M.J. 1999 The Keppel Islands - 'a 3000 year' event revisited. In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.141-155. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Sale, K.M. and B.C. Barker 1992 The Nara Inlet Aboriginal Art: Assessment and Recommendations Relating to Provenance, Conservation and Management. Unpublished report to the Queensland National Parks and Wildlife Service.
- Sale, K.M. and A. Watchman 1993 Pigment Analysis at Nara Inlet Rock Art Site, Hook Island, Whitsunday Group, Far North Queensland. Unpublished report to the Australian Institute of Aboriginal and Torres Strait Islander Studies and Queensland National Parks and Wildlife Service.
- Skelton, S.M. 1996 Starch Trek: The Search for Residue: An Examination of the Relationship Between Technological Change and Resource Exploitation at Platypus Rockshelter (KBA70), Southeast Queensland. Unpublished PGDipArts (Anthropology) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Small, M.W. 1992 Gulumba's Land: A Study in Ethnoarchaeology. Unpublished B.A. (Hons) thesis, Department of Behavioural Science, James Cook University of North Queensland, Townsville.
- Smith, A.D. 1992 An Archaeological Site Location and Subsistence-Settlement Analysis of Bribe Island, Southeast Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Smith, M.A. 1985 A morphological comparison of central Australian seedgrinding implements and Australian Pleistocene-age grindstones. *The Beagle: Occasional Papers of the Northern Territory Museum of Arts and Sciences* 2:23-38.
- Smith, M.A. 1986 The antiquity of seedgrinding in arid central Australia. *Archaeology in Oceania* 21(1):29-39.
- Smith, M.A. and N.D. Sharp 1993 Pleistocene sites in Australia, New Guinea and Island Melanesia: Geographic and temporal structure of the archaeological record. In M.A. Smith, M. Spriggs and

- B. Fankhauser (eds), *Sahul in Review: Pleistocene Archaeology in Australia, New Guinea and Island Melanesia*, pp.37-59. Occasional Papers in Prehistory 24. Canberra: Department of Prehistory, Research School of Pacific Studies, Australian National University.
- Smith, P., T. Brown and W.B. Wood 1981 Tooth size and morphology in a recent Australian Aboriginal population from Broadbeach, south east Queensland. *American Journal of Physical Anthropology* 55:423-432.
- Smith, S.A. 1918 The fossil human skull found at Talgai, Queensland. *Royal Society of London: Philosophical Transactions Series B*, 208:331-387.
- Solomon, S. 1986 A taphonomic analysis of the fauna from Gatton Rock Shelter (Squares G4c and G4d). In M. Morwood, *The archaeology of art: Excavations at Maidenwell and Gatton Shelters, southeast Queensland. Queensland Archaeological Research* 3:88-132.
- Stephens, K. 1990 A late Quaternary vegetation history from south east Cape York derived from swamp and archaeological sediments. Unpublished B.Enviro.Sc (Hons) thesis, Department of Geography, University of Wollongong, Wollongong.
- Stockton, J. 1981 Radiocarbon dates for archaeological sites in Tasmania. *Australian Archaeology* 12:97-101.
- Stone, T. 1989 Origins and environmental significance of shell and earth mounds in northern Australia. *Archaeology in Oceania* 24(2):59-64.
- Stone, T. 1991 Two birds with one Stone: A reply. *Archaeology in Oceania* 26(1):26-28.
- Stone, T. 1992 Origin of the Weipa Shell Mounds. Unpublished MSc thesis, Department of Geography, Australian National University, Canberra.
- Stone, T. 1993 Birds, boffins and blunders. *Australian Geographic* 29:25-26.
- Stuiver, M. and H.A. Polach 1977 Discussion: Reporting of ¹⁴C data. *Radiocarbon* 19(3):355-363.
- Stuiver, M. and P.J. Reimer 1993 Extended ¹⁴C data base and revised CALIB 3.0 ¹⁴C age calibration program. *Radiocarbon* 35(1):215-230.
- Stuiver, M., P.J. Reimer, E. Bard, J.W. Beck, G.S. Burr, K.A. Hughen, B. Kromer, G. McCormac, J. van der Plicht and M. Spurk 1998 INTCAL98 Radiocarbon age calibration, 24,000-0 cal BP. *Radiocarbon* 40(3):1041-1083.
- Sutton, S.A. 1990 Pleistocene axes in Sahul: A response to Morwood and Trezise. *Queensland Archaeological Research* 7:95-109.
- Taylor, R.E. 1987 *Radiocarbon Dating: An Archaeological Perspective*. New York: Academic Press.
- Taylor, R.E. and M.J. Aitken (eds) 1997 *Chronometric Dating in Archaeology*. Advances in Archaeological and Museum Science 2. New York: Plenum Press.
- Temple, R.B. and M. Barbetti 1981 Revisions to radiocarbon dates from the Sydney University Radiocarbon Laboratory. *Australian Archaeology* 13:28-29.
- Terlich, N.J. 1998 Teeth, Bones, and Other Indices: Interpreting a Terminal Pleistocene Faunal Assemblage of Hay Cave, southeast Cape York Peninsula, north Queensland. Unpublished PGDipArts (Anthropology) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Thom, B.G., G.M. Bowman, R. Gillespie, R. Temple and M. Barbetti 1981 *Radiocarbon Dating of Holocene Beach-Ridge Sequences in South-East Australia*. Monograph 11. Duntroon, ACT: Department of Geography, University of New South Wales, Royal Military College.
- Trezise, P.J. 1971 *Rock Art of South-East Cape York*. Canberra: Australian Institute of Aboriginal Studies.
- Tugby, D. and E. Tugby 1965 An Aboriginal kitchen-midden near Caloundra, south-east Queensland. *Mankind* 6(5):197-201.
- Tyron, H. 1884 On an undescribed class of rock drawings of Aborigines in Queensland. *Proceedings of the Royal Society of Queensland* 1:45-52.
- Ulm, S.G.F. 1995 Fishers, Gatherers and Hunters on the Moreton Fringe: Reconsidering the Prehistoric Aboriginal Marine Fishery in Southeast Queensland, Australia. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Ulm, S. 2000 Evidence for early focussed marine resource exploitation from an open coastal site in central Queensland. *Australian Archaeology* 51:66-67.
- Ulm, S. in press The Seven Mile Creek Mound: New evidence for mid-Holocene Aboriginal marine resource exploitation in central Queensland. *Proceedings of the Royal Society of Queensland* 110.
- Ulm, S. in prep. Marine and estuarine reservoir effects in central Queensland, Australia: Determination of ΔR values. To be submitted to *Geoarchaeology*.
- Ulm, S., B. Barker, A. Border, J. Hall, I. Lilley, I. McNiven, R. Neal and M. Rowland 1995 Pre-European coastal settlement and use of the sea: A view from Queensland. *Australian Archaeology* 41:24-26.
- Ulm, S., M. Carter, J. Reid and I. Lilley 1999a Eurimbula Site 1, Curtis Coast: Site report. *Queensland Archaeological Research* 11:105-122.
- Ulm, S., T. Eales and S. L'Estrange 1999b Post-European Aboriginal occupation of the southern Curtis Coast, central Queensland. *Australian Archaeology* 48:42-43.
- Ulm, S. and J. Hall 1996 Radiocarbon and cultural chronologies in southeast Queensland prehistory. In S. Ulm, I. Lilley and A. Ross (eds), *Australian Archaeology '95: Proceedings of the 1995 Australian Archaeological Association Annual Conference*, pp.45-62. Tempus 6. St Lucia: Anthropology Museum, Department of Anthropology and Sociology, University of Queensland.
- Ulm, S. and I. Lilley 1999 The archaeology of the southern

- Curtis Coast: An overview. *Queensland Archaeological Research* 11:59-84.
- Urry, J. 1978 Old questions: New answers? Thoughts on the origin and antiquity of man in Australia. *Aboriginal History* 2(2):149-166.
- Vanderwal, R.L. 1973 The Torres Strait: Protohistory and beyond. In P. Lauer (ed.), *Occasional Papers in Anthropology* 2:157-194. St Lucia: Anthropology Museum, University of Queensland.
- Veitch, B. 1999 Shell middens on the Mitchell Plateau: A reflection of a wider phenomenon? In J. Hall and I.J. McNiven (eds), *Australian Coastal Archaeology*, pp.51-64. Research Papers in Archaeology and Natural History 31. Canberra: ANH Publications, Department of Archaeology and Natural History, Research School of Pacific and Asian Studies, Australian National University.
- Vernon, K. 1999 Post-Contact Cultural Continuity in Central Queensland: Bottle Bases and Retouched Glass Artefacts. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Walsh, G.L. 1985 Archaeological Significance of Hook Island. Unpublished report to Queensland National Parks and Wildlife Service.
- Walsh, G.L. 1988 *Australia's Greatest Rock Art*. Sydney: E.J. Brill-Robert Brown and Associates.
- Walters, I.N. 1979 Information Loss in Zooarchaeology: A Study of Vertebrate Remains from Two Middens, Moreton Island, Queensland. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Walters, I.N. 1980 Vertebrate remains from two sites on Moreton Island, Queensland. *Australian Archaeology* 11:28-36.
- Walters, I.N. 1986 Another Kettle of Fish: The Prehistoric Moreton Bay Fishery. Unpublished PhD thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Walters, I. 1989 Intensified fishery production at Moreton Bay, southeast Queensland, in the late Holocene. *Antiquity* 63:215-224.
- Walters, I. 1992a Farmers and their fires, fishers and their fish: Production and productivity in pre-European south-east Queensland. *Dialectical Anthropology* 17:167-182.
- Walters, I. 1992b Seasonality of fishing in south-east Queensland. *Queensland Archaeological Research* 9:29-34.
- Walters, I. 1992c Antiquity of marine fishing in south-east Queensland. *Queensland Archaeological Research* 9:35-37.
- Walters, I.N. and J. Hall 1980 Another fish species from Moreton Island Aboriginal middens: The tailor, *Pomatomus saltatrix*. In P.K. Lauer (ed.), *Occasional Papers in Anthropology* 10:113-114. St Lucia: Anthropology Museum, University of Queensland.
- Walters, I., P. Lauer, A. Nolan, G. Dillon and M. Aird 1987 Hope Island: Salvage excavation of a Kombumerri site. *Queensland Archaeological Research* 4:80-95.
- Ward, I., C. Patterson and A. Watchman 1999 The environment and condition of multi-layered Aboriginal paintings at Kennedy-A in the wet tropics, north Queensland. *Rock Art Research* 16(1):25-35.
- Ward, W.T. and J.L.F. Hacker 1981 Sedimentation and Soil Development at Brisbane Airport. Unpublished report to the CSIRO, Brisbane.
- Ward, W.T. and J.L.F. Hacker 1982 Sedimentation and soil development at Brisbane Airport. *Sedimentology Newsletter* 11:54.
- Ward, W.T. and I.P. Little 2000 Sea-rafted pumice on the Australian east coast: Numerical classification and stratigraphy. *Australian Journal of Earth Sciences* 47:95-109.
- Watchman, A. 1990 A summary of occurrences of oxalate-rich crusts in Australia. *Rock Art Research* 7(1):44-50.
- Watchman, A.L. 1993 Evidence of a 25,000-year-old pictograph in northern Australia. *Geoarchaeology* 8(6):465-473.
- Watchman, A. 2000 Micro-excavation and laser extraction methods for dating carbon in silica skins and oxalate crusts. In G.K. Ward and C. Tuniz (eds), *Advances in Dating Australian Rock-Markings: Papers from the First Australian Rock-Picture Dating Workshop*, pp.35-39. Occasional AURA Publication 10. Melbourne: Australian Rock Art Research Association.
- Watchman, A. and N. Cole 1993 Accelerator radiocarbon dating of plant-fibre binders in rock paintings from northeastern Australia. *Antiquity* 67:355-358.
- Watchman, A. and E. Hatte 1996 A nano approach to the study of rock art: 'The Walkunders', Cillagoe, north Queensland, Australia. *Rock Art Research* 13(2):85-92.
- Webb, E. 1992 Sand traps for the unwary - Problems in the interpretation of sedimentological analyses. *Queensland Archaeological Research* 9:43-49.
- Westcott, C. 1997 A Technological Analysis of the Stone Assemblage from Big Foot Art Site, Cania Gorge. Unpublished B.A. (Hons) thesis, Department of Anthropology and Sociology, University of Queensland, Brisbane.
- Westcott, C. 1999 Thesis Abstract: A Technological Analysis of Stone Artefacts from Big Foot Art Site, Cania Gorge, Central Queensland. *Australian Archaeology* 48:57.
- Westcott, C., I. Lilley and S. Ulm 1999a The archaeology of Cania Gorge: An overview. *Queensland Archaeological Research* 11:15-28.
- Westcott, C., I. Lilley, S. Ulm, C. Clarkson and D. Brian 1999b Big Foot Art Site, Cania Gorge: Site report. *Queensland Archaeological Research* 11:43-58.

- White, J.P. 1975 Anthropological theses in Australia: A first listing (to 1974). *Mankind* 10(2):1-20 (Supplement).
- White, J.P. 1994 Theses about prehistoric archaeology and associated disciplines in Australia, 1975-1993. *Archaeology in Oceania* 29(2):95-106.
- Wood, W.B. 1968 An Aboriginal burial ground at Broadbeach, Queensland: Skeletal material. *Mankind* 6(12):681-686.
- Wood, W.B. 1977 Identification of human bone from excavations at Herveys Range, Jourama and Kennedy. In H.C. Brayshaw, Aboriginal Material Culture in the Herbert/Burdekin District, North Queensland, pp.680-715. Unpublished PhD thesis, James Cook University of North Queensland, Townsville.
- Wood, W.B. and A.M.C. Murphy 1978 The Broadbeach Aboriginal femur - Metrical features. *Journal of Anatomy* 126:634.
- Wood, W.B. and A.M.C. Murphy 1979 The Broadbeach Aboriginal burial site, southeast Queensland: The metrical features of the tibiae. *Journal of Anatomy* 128:663.
- Wood-Jones, F. 1944 The antiquity of man in Australia. *Nature* 153:211-212.
- Woolford, N.R.J. 2000 The End of the Holocene Stillstand was no Stand Still for the Gooreng Gooreng: So Why Did They Stop?: A Preliminary Investigation of Square A, the Seven Mile Creek Mound: An Analysis of Species Diversity and Intra-Specific Size of Shellfish Recovered. Unpublished report submitted for ID233: Independent Project in Aboriginal and Torres Strait Islander Studies II, Aboriginal and Torres Strait Islander Studies Unit, University of Queensland, Brisbane.
- Woolston, F. 1965 An Excavation in 'Platform Gallery' near Cooktown, N.Q. Unpublished report to the Australian Institute of Aboriginal Studies, Canberra.
- Woolston, F.P. and P.J. Trezise 1969 Petroglyphs of Cape York Peninsula. *Mankind* 7(2):120-127.
- Wright, R.V.S. 1963 Report by R.V.S. Wright on Archaeological Reconnaissance Work in Cape York. Unpublished report to the Australian Institute of Aboriginal Studies Interim Council Meeting, 13 December 1963.
- Wright, R.V.S. 1971 Prehistory in the Cape York Peninsula. In D.J. Mulvaney and J. Golson (eds), *Aboriginal Man and Environment in Australia*, pp.133-140. Canberra: Australian National University Press.