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# Ancient TL

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# Date list

## Ancient TL supplement issue 6

Since over seven years have elapsed since the last Date List (AnTL 9, 1991) we have taken the opportunity to make a number of revisions to the format, primarily to make it less rigid in structure and also to accommodate the results of larger dating programmes of the type that have been submitted by Sarah Barnett of the Durham Laboratory. I am grateful to Martin Aitken for acting as a reviewer of this issue and for making constructive suggestions concerning the simplification of the format. The main departure from previous lists is the provision of a prologue in which the dating results are placed into an archaeological context and more detail of the laboratory procedures employed is given. Since the terminology used has changed substantially since the last date list, the prologue also provides a more flexible format in which to describe new

techniques and procedures. The original aim of the Date List to provide a full technical specification of luminescence ages remains however. We hope that other laboratories will take the opportunity to submit their dating results for inclusion in future Date Lists. Since all previous entries have been for heated materials, the next development needed is a general formulation for sediment ages and if you have any suggestions please send them to me or the Editor.

An outline of the modified structure of the Date List entry for this issue (ceramic materials) is given below.

I.K. Bailiff

### Details to be given in the prologue

The prologue should contain in concise form:

- Background to dating work;
- Nature of site(s) and samples;
- Experimental set up;
- Dose evaluation and total dose-rate measurement procedures (with schematic if necessary);
- Method of uncertainty analysis;
- Overall conclusions of dating results;
- Acknowledgements;
- References;
- Essential figures.

### HEADER

**1. Site:** [*Name* ]

Grid Reference to be given here if not in preamble.

**2. Site reference:**

**3. Location:** [*Region, country* ]

**4. Excavation:**

[Name of Director or organisation conducting excavation]

**5. Technique**

[Name] [mineral and grain size range ( $\mu\text{m}$ ) if all in tabulation are similar; otherwise details given in table for each sample]



## KEY TO ABBREVIATIONS

## STANDARD METHODS/TECHNIQUES/PROCEDURES

i	Inclusion	fg	Fine-grain		
TSAC	Thick source alpha counting	FPh	Flame Photometry		
AAS	Atomic absorption	NAA	Neutron Activation Analysis		
XRF	X-ray fluorescence	PXE	PIXIE		
BetaC	Beta counting	SPEC	Spectrometer (SPEC = portable)		
CAP	Capsule	$\beta$ -TLD	Beta Thermoluminescence Dosimetry		

## MINERALS &amp; ETC.

ft	Flint		p	Polymineral	-	Not applicable
f	Feldspar	q	Quartz		e	Equivalent to
Af	cal Calcite		Nf	Sodium feldspar	*	Other
Unsep.	alkali feldspar	z	Zircon			(used as prefix)
Kf	Potassium feldspar		por	Porcelain	a	Year
<b>Terms:</b> I, P, <i>a</i> , <i>b</i> , A, S <sub>N</sub> , S <sub>O</sub> , TAC: as defined in the literature.						

