

Nov. 7 1978.

Dear Christine and Kevin,

Time goes too quickly. I have been side-tracked by writing an urgent essay on "Human Rights" and the "Moral Imperative", which will be printed, as soon as it is ready, and the publisher is impatiently waiting for it. (This is in line with my interests in minority rights and "multi-cultural society").

However I received yesterday from Graeme Your letter and paper on Koonalda, so I write now and answer You on all accounts. (My above paper ~~has~~ ~~has~~ is nearly concluded, so I can relax).

I have found the ~~some~~ pieces of bone, You talk about, somehow they remained here, when I handed over everything what I could find on in non-lithic material, to the Adelaide Museum. They are from the "Sanctuary". There is a shoulder blade (from "Loose rose light rubbish" E-15-3, 9½ cm), ~~xx~~ two pieces of bird bone (in "rose loose rubble" E-10-6, one a leg bone, the other a breast bone. The legbone is 8 cm long). There is a third rather large bone, the number is lost, but I have a note with it, saying that it has been brought down from art gallery by Christine, with a survey number. 14 cm. long, but it is not a shoulder blade, it is fragmented and could be part of a large back vertebra. (?).

I have also a collection of bird bones E-19-1-1 (From "rose cobble overburden of sanct.area")

There is a piece of limestone marked I A.

There is a further collection of bird bones with my note "Upper Sanct. collected by Christine". The matrix is light roa.

This all refers to the 1973 expedition.

All the artefacts from the 1976 trip are here and I have not yet worked through them at all. Some of it is still packed. On the other hand everything excavated by You and Neil on the floors ~~must~~ has been packed by Neil and must be with him in the Adelaide Museum. So must also the burin found on one of the floors.

David Jacka's ^{and Mike Smith's} material (drawings, photographs) ^{1975 Jan. expedition F.} (is here with me. I send You photocopies of his notes. (e.g. Floor 151). I have no artefacts at all from the Upper Sanctuary, at least nothing we could have regarded as artefacts and kept. You of course can use the notes of Jacka with due reference to him and me.

Reference ^{to} ~~for~~ rain making ceremonies I have received ^{at} ~~from~~ the first

expedition, from Hamilton-Smith, then chairman of the Australian Caving Association. But I could not verify ever since.

You will be intersted to hear that in Buchan they have found exactly the same Meanderoids, made by finger, as in Koonalda.

The "Meanderoid-Rite is thus Australia wide. Jacka has also found a cave with the same traces at the Victoria-South Australia border (Mammouth-Cave).

Graeme , pointing out that the expedition, on behalf of the South Australian Museum was led by myself has handed over Your Manuscript for answering (and Your letter). Unfortunately I shall be in Melbourne during Christmas , as it is my son who comes to Melbourne. However in the New Year I intend to come to Adelaide for a few days and then I can look after Your querries.

Concerning "Inscts" , those found lately I have handed ower to Sydney University, to a specialist. The only intersting specimens turned out to be cave cockroaches, even more rare ~~xx~~ than ^{the} cave-crickets.

I have two new Cl4 dates.

A. ANU-1201. "Radiocarbon age!" larger than 20.450 B.P. Sample size was only 12 % of the requirements , thus this a minimum age. Personal comment by H.A. Polach: "Low Cl4 activity of your sample combined with small sample size does not allow us to define an absolute age \pm error in conventional terms . However the detected Cl4 activity places the radiometric age within the minimum age given and 52.000 B.P. , with 95% probability with an INDICATED AGE of 29.000 \pm 11.600 / 4.600 ."

B. ~~W~~ieces of wood and wood - pulp. Collected from surface dust, North West Passage ("Sanctuary") and surface of Crevice Ic. Sample size was adequate.

ANU-1205. "Radiocarbon age" : 18.200 \pm 300 B.P.

I would say that this sample marks the end of activity in the North West Passage. The original old floor on which the polished boulders stand must be somewhat older , and th wall-markings substantially older as the original floor from where they have been made has already collapsed in several areas.

I have still enough carbon material , for further datings, and I would be glad if something more could be done on these lines.

2, 2, ~~1~~

The 1975 notes and drawings have been made by David L Jacka ~~and~~ Mike Smith, in 1975. You of course can use them, but please give credit to them.

X Betty Ross
and C. MEREWETHER
and A. COOPER

I have nothing to add to Your description of the Sanctuary at present, on first scanning it is very detailed and exhaustive. I have myself made some notes during the years ~~and~~ ^{about my} observations, ~~but~~ ^{in the Sanctuary} ~~and~~ I shall comment when I had time to read Your manuscript with greater care. At the moment I have to terminate my manuscript on "Human Rights".

From the point of a reader, I think it would help correct orientation, if You would add to the caption of those pictures which have been turned away, from the vertical, the correct position from where they have to be viewed.

Yours Regards to Jim and Christine and Kuriam.

Alexander Galley

P.S. I really am not certain whether David Jacka was with us in 1973 or ~~1977~~ with me in 1975. I find no mention of the drawings ~~with~~ and note which I send you of David. Can you remember? I do not know whether he worked with the Merewether - mob! I do not think so.

AG,