

Export/sampling permits

Please note an export permit must be linked to an object that has to be created on SAHRIS! If the object you want to work on has not been created yet, you would need to **create an ObjectID**.

Required documents:

- For export of material from KZN, Eastern Cape or Western Cape that involves destructive analysis, the **destructive sampling permit** from the respective Heritage Authority must be submitted;
- A consent letter from the accessioning institution.

The proposal should include (you can fill these in below):

- a list of participants (name, affiliation, phone no, email addresses) and how they are involved;
- the name and address of the facility, including address, it is being scanned at;
- name and address of the museum/university department that currently hosts the object;
- names of the responsible person(s) during transport and while the fossil is at the facility;
- the period/time frame during which the fossil(s) will be outside the country;
- detailed information on the fossil(s), especially as it is a "unique" specimen;
- detailed information on the research project behind it & methodology including expected outcomes (i.e., the reason for export);
- the written confirmation of the institution that currently hosts the object that the object may be used as proposed and be returned in good condition;
- should there be any damage/destructive analysis (e.g., coating for higher resolution) undertaken, this needs to be stated in detail;
- Statement why this study cannot be done in South Africa.

Applicant : Dr. Tim Forssman (WITS)

Applied for (principal researcher): Trent Seiler/Tim Forssman

Participants with affiliations, email addresses, phone numbers (& their role):

1) tim.forssman@gmail.com /0784224828

Role: Supervisor

2) ceri.ashley@up.ac.za /0834390597

Role: Co supervisor

3) seilertrent@gmail.com /0799538565

Role: Applicant/Researcher

The material will be **couriered by DHL** to Direct AMS in North America by 01/07/2016.

Jonathan Adler (info@directams.net) will be involved with the Radio Carbon Dating of objects.

Institution incl. address that currently hosts the object: University of Pretoria, Lynwood Road, Hatfield, Pretoria. However they will be housed at the Polokwane Museum when analysis has been completed.

Facility incl. address at which the experiment will be done: Direct AMS laboratories

11822 North Creek Parkway North
Suite 107
Bothell, WA 98011
USA

Table of objects or upload file: Charcoal Samples +/- 4 grams. ID 32640

Site including age at which object was found: Euphorbia Kop / K2 settlement (AD 1000-1200).

Time frame: Results will be sent electronically within 4-6 weeks after delivery.

Transport to Direct AMS: 01/07/2016

Return date: NA

Aim/rationale: The aim of the dating is to confirm the suspicion that the forager and farmer archaeological evidence found at Euphorbia Kop is contemporaneous. These dates will assist in the formulation of my Masters project, which will be submitted to the University of Pretoria and SAHRIS.

Methodology (short): The stratigraphic layers where the charcoal was found, that will be dated, had high frequencies of OES beads which are assumed to be forager in origin. A date that places these charcoal samples within the K2 era will assist in proving my hypothesis, that foragers (Bushmen) were present on the farmer site of Euphorbia Kop and interacted closely with the farming community. This insight will help bring more credit to foragers and their role in South African History. Increasing the understanding of forager/farmer interaction on the Greater Mapungubwe Landscape and incorporating this marginalized cultural group into the rich history of the area.

Confirmation/permit by museum (Attached?): Yes

Damage/destructive analysis: Two pieces of charcoal will be sent for Radio Carbon Dating, which entails the destruction of the samples.

Statement why this study cannot be done in South Africa: There are no functional laboratories where accurate dating can be done in South Africa. The Direct AMS institution is well recognized and trusted.