

Bonehenge Update by Keith – 30Nov2010

1) **Scapula repairs:** Both scapulae were very fragile and damaged, the repairs of which were rewarding challenges. We first had to locate the broken fragments and piece them together like a jigsaw puzzle. We then transferred each scapula with fragments into a small sandbox to form an impression of the desired shape. We then removed the bone material, lined the impression in the sand with plastic wrap, placed fine mesh fiberglass cloth over the plastic wrap, and replaced the bone and fragments. Next step was to mix casting resin with bone dust and pour the mixture over the cracks and spaces where bone was missing. The finishing touches involved sanding and touch-up painting.



Elizabeth and Nan locating the scapula fragments.



Most of the fragments in place



Right scapula on fiberglass cloth on plastic wrap in sandbox.



Painting resin over the fragments.



Karen applying finishing touches.



The finished scapulae. Success!

2) **Skull repairs:** In a fashion similar to above, we had to locate homes for the many skull fragments and use the resin + bone dust mixture to set them in place and fill gaps.



Skull just out of maceration pond.



Skull fragments in place.



John filling in the gaps.



Jim sanding excess resin.



The repaired skull.

3) **Bone rack:** Inspired by a bone rack delivered with humpback whale bones (our next project?) from Maine, we built a similar rack for Bonehenge.



Bone rack in Bonehenge