

# Bonehenge Update by Keith – 09Sept09

**1) Mandible (lower jaw) repairs:** Both ends of both mandibles will require some repair work, a testament to how fragile they are.

The left photo shows the buckled caudal end of the left mandible which I managed to straighten with clamps and wood while the bone was still wet just out of the hydrogen peroxide soak.



**2) Casting replicate flipper bones:**

We are hoping to build an entire left flipper out of cast bone replicates – something that people will be able to actually touch and transport. Somewhere in the block of silicone that John Russell is holding (left photo) is the left ulna. After extracting the ulna from the silicone, John poured plastic casting resin into the mold to create the replicate (right photo).



**3) Consolidating chalky and fragile portions of bones:** We have settled on using a product called Jade 403 (bookbinding glue) to consolidate the fragile portions and chalky ends of the bones. We're diluting it 1:1 with water and painting two coats on the bones where needed. It dries clear and seems to work beautifully. →



**4) Mural unveiling:** Reflecting art and symbolism from the US Pacific Northwest, Karen Hattman created a mural and installed it on the outside of Bonehenge. On Sept. 7<sup>th</sup> we had a ceremonious unveiling followed by a feast.

