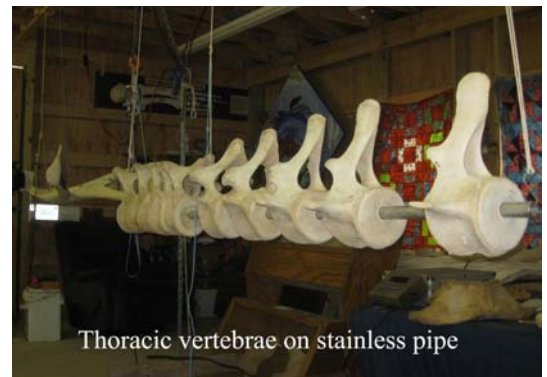
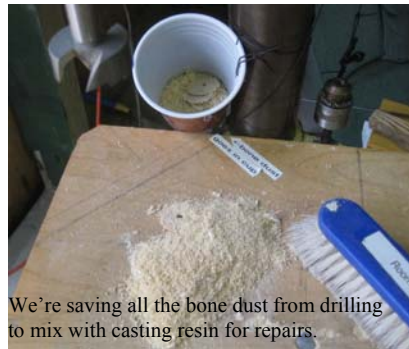
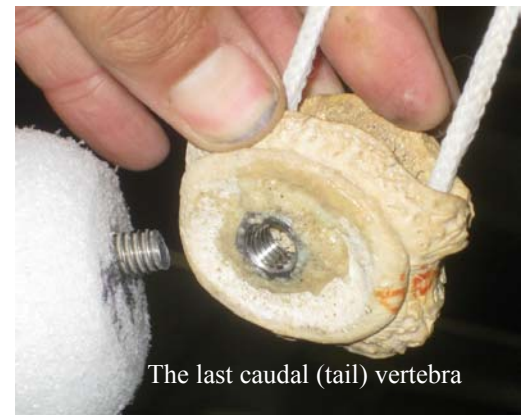
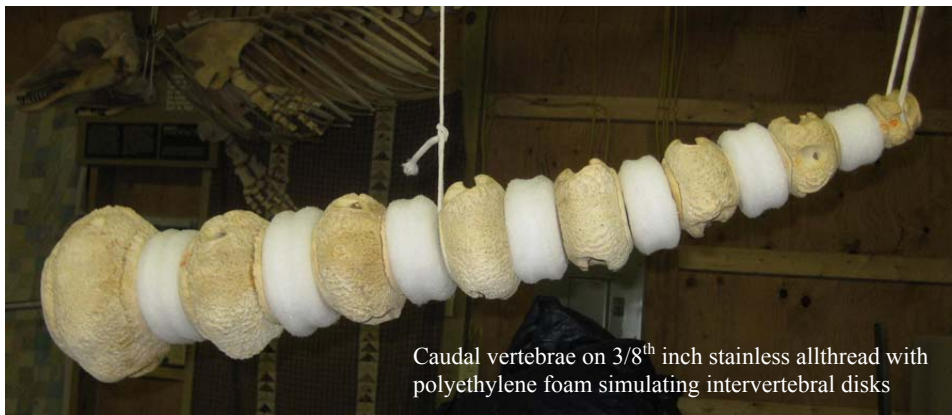


Bonehenge Update by Keith – 13 June 2010

1) **Drilling and mounting the thoracic vertebrae:** I'm using forstner bits on a press to drill holes in the vertebral centrams for mounting on schedule 40, 1 $\frac{3}{8}$ " stainless steel pipe. I drill from one side then flip the vertebra over to finish the hole from the other side. Leveling each vertebra before drilling is critical so they line up perfectly to fit the pipe. It is also necessary to drill a small pilot hole after drilling the 1st hole so that the 2 holes meet in the center. We're saving all the bone dust because mixing it with casting resin makes fabulous repairs (see below).



2) **The caudal (tail) section:** For the caudal (tail) section, we are mounting the vertebrae on $\frac{3}{8}$ " stainless steel allthread, using polyethylene foam to simulate the intervertebral disks.



3) **Rib repairs:** Parts of some ribs are very fragile and several of the heads have actually broken off. To make the repair I've drilled $\frac{1}{4}$ inch holes in the broken parts (2 holes in each part) and set in $\frac{1}{4}$ inch allthread with casting resin. That's easier said than done because the holes never line up perfectly so I end up setting the allthread in one side and then drilling greatly oversized holes in the other side to allow the 2 parts to wiggle together before applying the resin.

