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- **Please acknowledge DigiMorph.org, The University of Texas High-Resolution X-ray CT Facility (UTCT), Chris Bell, and NSF grant IIS-9874781 when using these data**
- **X and Y = 0.05273 mm; Z = 0.1396 mm**

## **University of Texas High-Resolution X-ray CT Facility Archive 0372**

### **Bell:**

**Turtle:** Warp corrected scans of the skull of a Northern Australian Snapping Turtle (TMM M-9315. "*Elseya*" *dentata*, Chelidae, no locality data. Note "*Elseya*" may be synonymous with *Emydura*), for Chris Bell of the Department of Geological Sciences, University of Texas at Austin. Scanned on 8 September 2000 by Richard Ketcham and Matthew Colbert. Specimen frozen in liquid nitrogen. Images corrected for rotational errors by Farrah Welch. Original scans on Archive 0280. Warp corrections applied by Holly Nance, April 2001.

Original scan parameters. II, 100 kV, 0.24 mA, no filter, air wedge, 160% offset, slice thickness 3 lines (=0.105 mm), S.O.D. 60 mm, 1200 views, 2 samples per view, interslice spacing 3 lines (=0.1396 mm), field of reconstruction 27 mm (maximum field of view 29.14 mm), reconstruction offset 500, reconstruction scale 28. Scanned in three-slice mode.

**8bit:** The above images modified with IDL software "Unwarp v.1.0" written by Dr. Richard Ketcham to correct for radial distortion of images introduced by ACTIS scanning software. Corrected images are now 522 pixels by 522 pixels, resulting in a revised field of reconstruction of 27.527 mm.