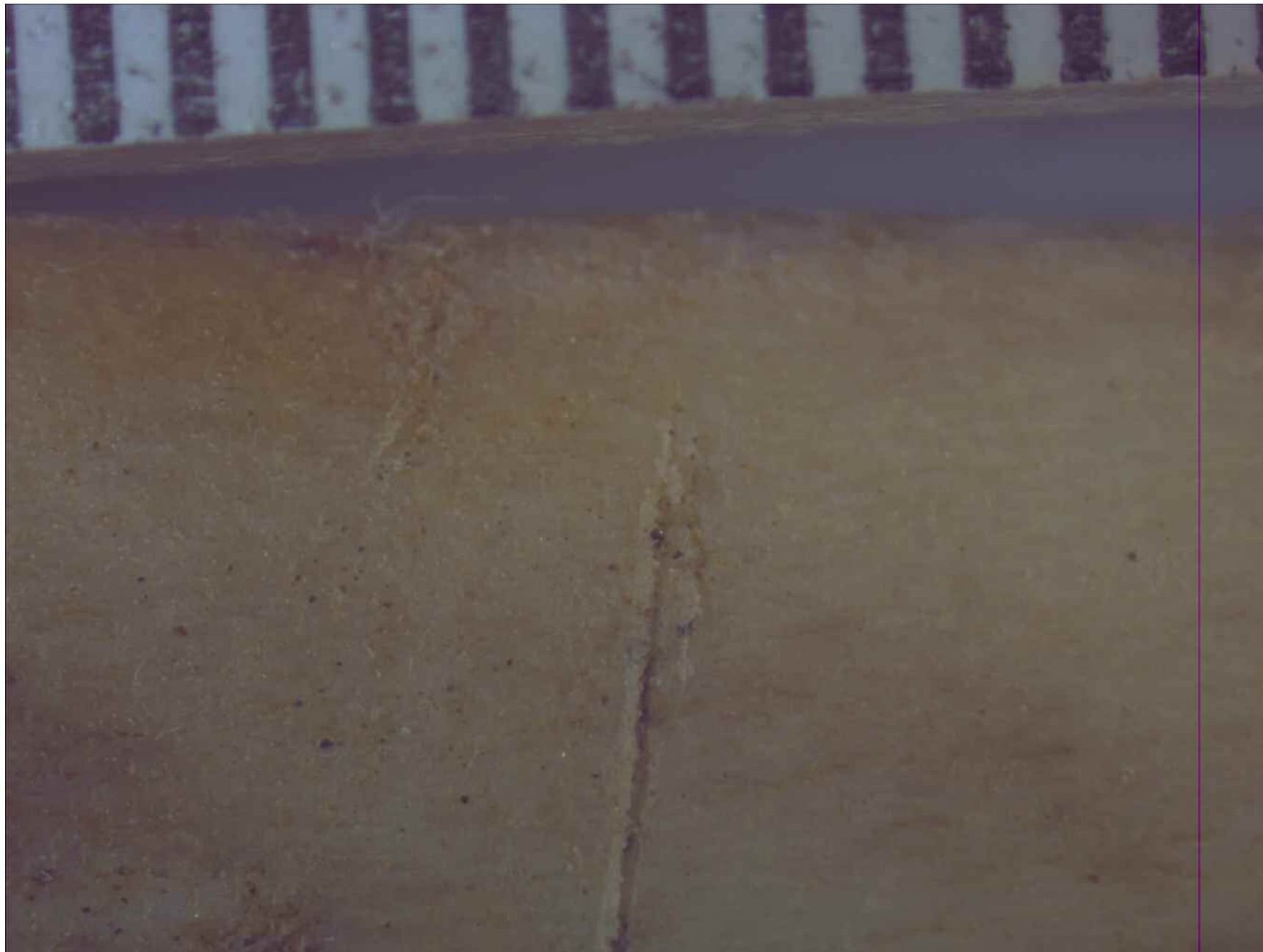




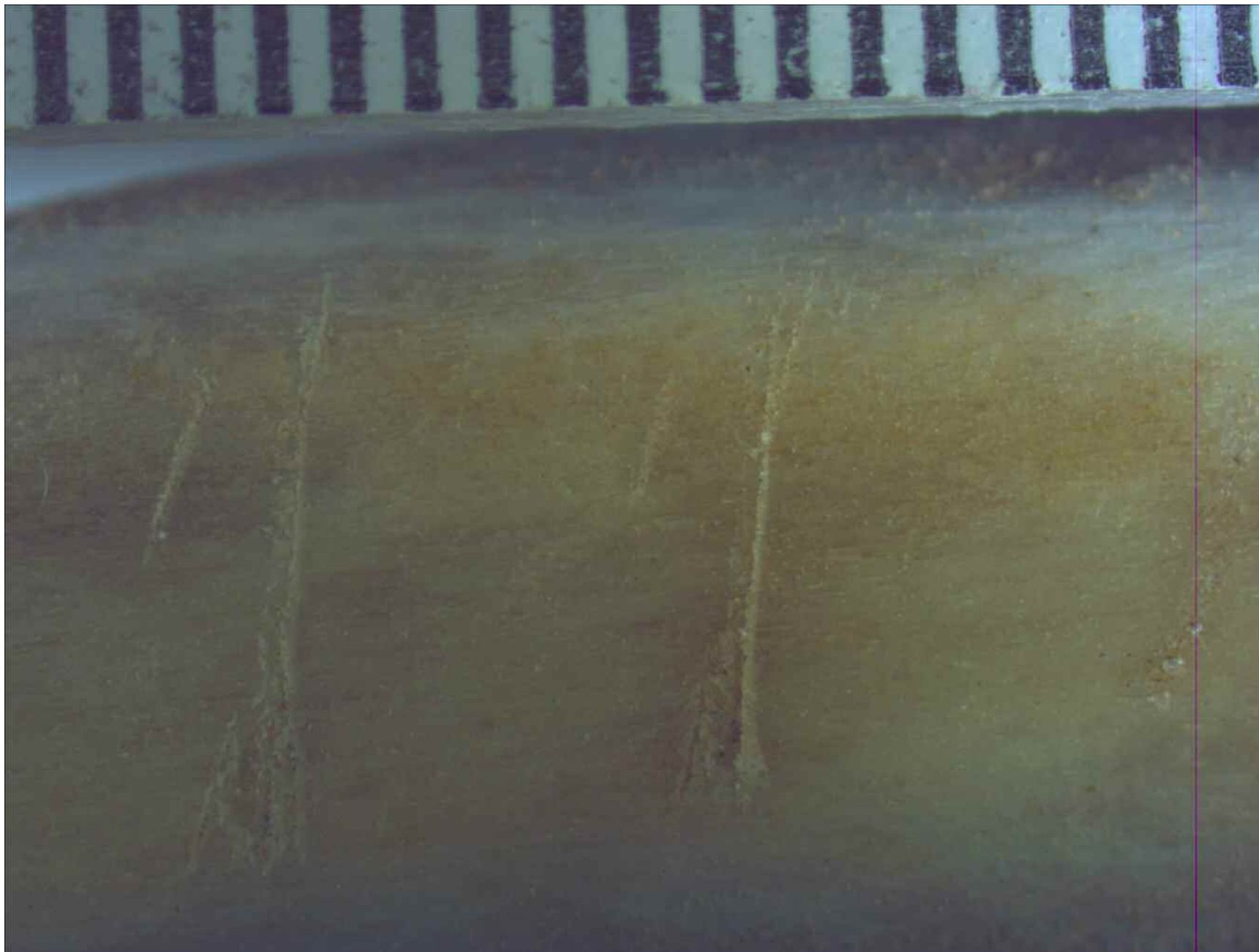
Supplemental Figure 1. Faunal remains deposited by human foragers during the Younger Dryas (ca. 12,000 cal yr. B.P.) at the Paisley Caves, Oregon. Left to right: burned and cut marked pronghorn proximal phalanx; jackrabbit humerus diaphysis cylinder; jackrabbit tibia diaphysis cylinder; yellow-bellied marmot intact foot and fur; sage grouse mandible fragment; sage grouse tibiotarsus diaphysis cylinder; duck femur; fish scales and vertebrae; burned mormon cricket; meal worm (beetle larva).



Supplemental Figure 2. Top row: jackrabbit humerus, tibia, and femur diaphysis cylinders. Bottom row: proximal and distal ends of humeri, femora, and tibiae discarded alongside the diaphysis cylinders after they were snapped off the long bones to extract marrow.



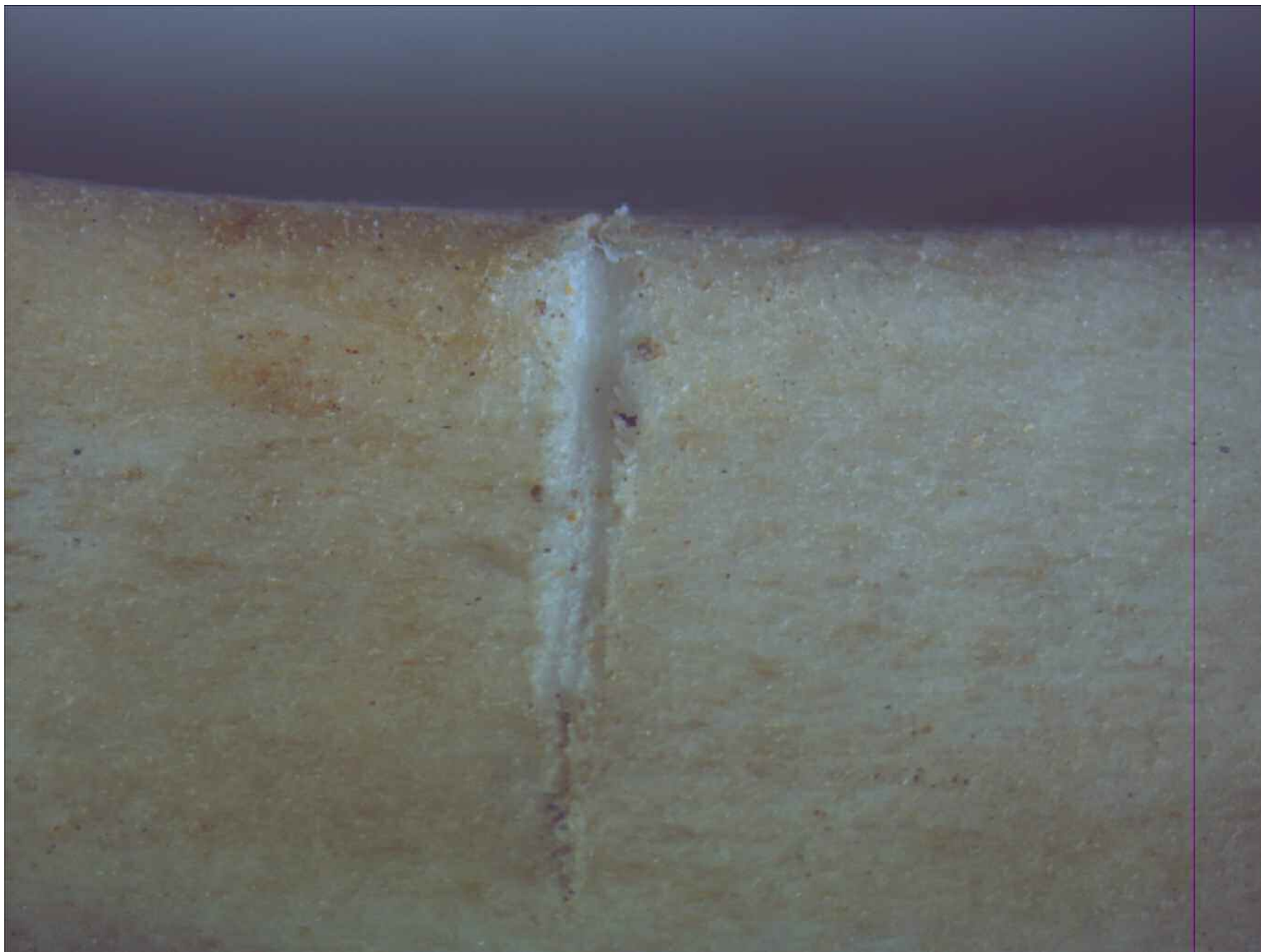
Supplemental Figure 3. Experimental cut marks made with a retouched obsidian flake; note multiple, parallel, straight incisions, as well as “Y” or “braided” structures.



Supplemental Figure 4. Experimental cut marks made with an unretouched chert flake with outer cortex present. The incision measures about 1cm in length.



Supplemental Figure 5. Experimental cut marks made with an unretouched simple chert flake without outer cortex. The incision measures about 1 cm in length.



Supplemental Figure 6. Experimental cut marks made with an unretouched basalt flake; note multiple, relatively wide incisions that end in blunter points due to the greater thickness of the cutting edge of basalt as a raw material in comparison to obsidian or chert. The incision measures about 1cm in length.



Supplemental Figure 7. Mountain sheep mandible with isolated incisions (between the two black dots). The sample taken for radiocarbon dating is visible along the base of the mandible below the incisions. Rodent gnawing is visible along the base of the mandible below the incisions. The mandible has been directly dated to 14,236-14,933 cal yr. B.P. (12,380 14C yr. B.P.) (Specimen number PC-5/5D-30-8).



Supplemental Figure 8. Artiodactyl rib with two sets of cut marks from Paisley Cave 2, Oregon. The rib has been directly dated to 13,688-13,968 cal yr. B.P. (11,930 14C yr. B.P.) (Specimen number 1896-PC-2/6B-62-16).