Elizabeth Field* (ecfield2@illinois.edu). Trees, dendrites, and the Cannon-Thurston map. When $1 \to H \to G \to Q \to 1$ is a short exact sequence of three word-hyperbolic groups, Mahan Mitra (Mj) has shown that the inclusion map from H to G extends continuously to a map between the Gromov boundaries of H and G. This boundary map is known as the Cannon-Thurston map. In this context, Mitra associates to every point z in the Gromov boundary of Q an "ending lamination" on H which consists of pairs of distinct points in the boundary of H. We prove that for each such H0, the quotient of the Gromov boundary of H1 by the equivalence relation generated by this ending lamination is a dendrite, that is, a tree-like topological space. This result generalizes the work of Kapovich-Lustig and Dowdall-Kapovich-Taylor, who prove that in the case where H1 is a free group and H2 is a convex cocompact purely atoroidal subgroup of H2 one can identify the resultant quotient space with a certain H2-tree in the boundary of Culler-Vogtmann's Outer space. (Received September 16, 2019)