We recently introduced an $m$–ary tree with rational labels which is a generalization of the Calkin-Wilf tree. Similar to the connection between the Calkin-Wilf tree and the hyperbinary sequence, we showed that there is a relationship between this $m$–ary tree and hyper $m$–ary partitions. We used the structure of the tree to show several properties of the hyper $m$–ary integer partition sequence. In this talk, we will discuss additional properties of the $m$–ary tree, as well as how these properties relate to counting hyper $m$–ary partitions. (Received September 16, 2014)