Ternary trees (rooted, ordered, incomplete) with n=1,2,3,4 vertices.

There are 1, 3, 12, 55 such trees for n=1, 2, 3, 4, respectively. Example for A001764 The root labels (visible after magnification) identify each tree.

These trees have been produced by W. Lang with the help of Graphviz; http://www.graphviz.org/.

