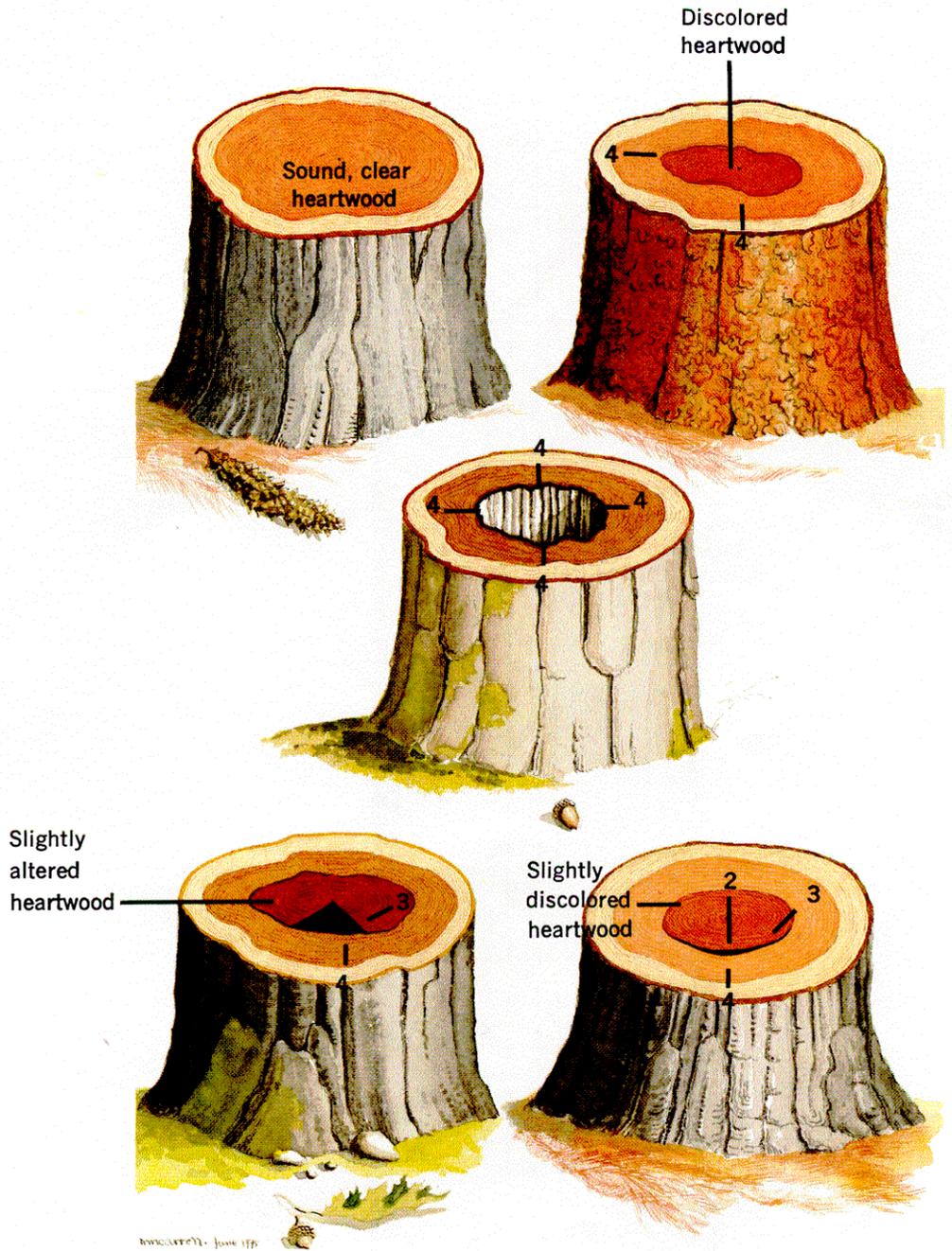
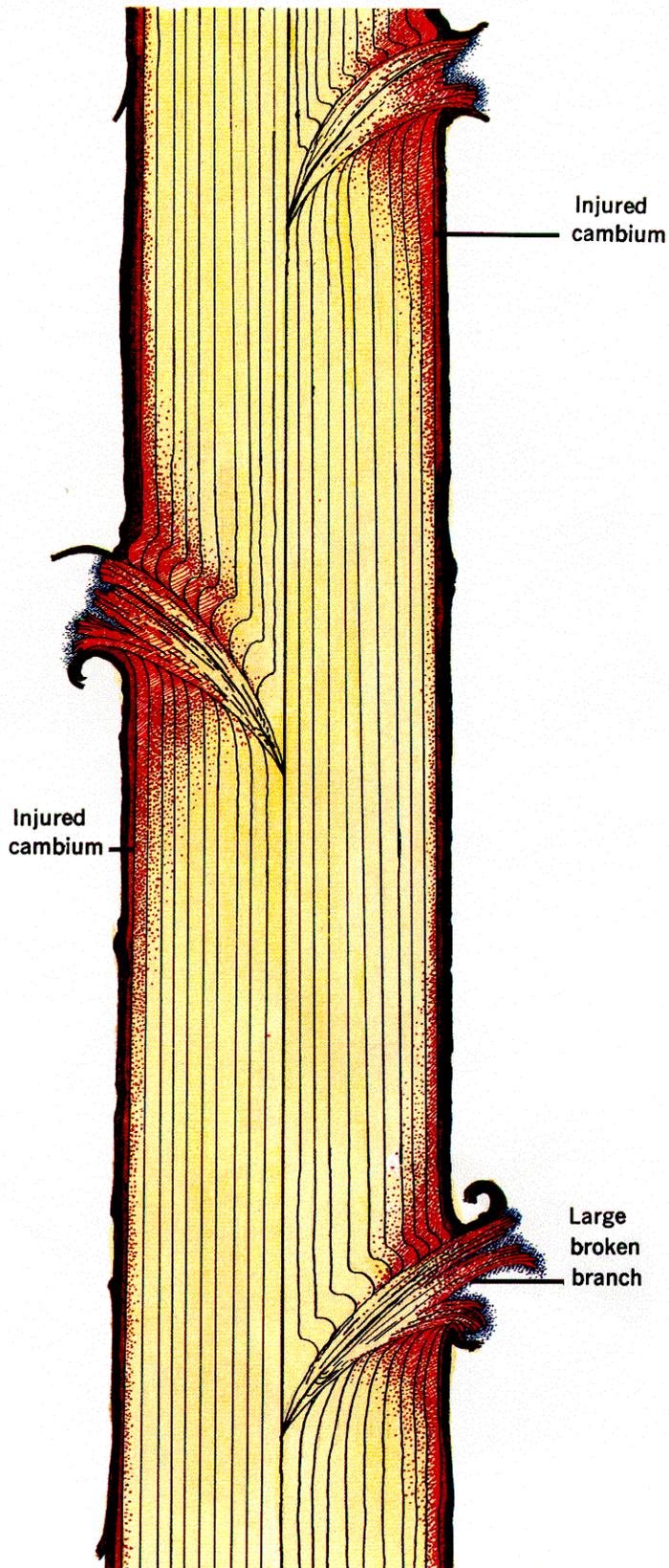


Here are some basic patterns
for heartwood-forming trees.





Most trees receive many wounds during their lives. Every tree has some branches that die. When the branches are small and the wounds close rapidly, very little internal defect follows. But, when large branches die and healing is slow, trouble starts for the tree. Add to this the injuries caused by other types of wounds at irregular time intervals and a pattern of multiple columns begins to develop. But again the tree compartmentalizes the injuries and each column is separated from the others.