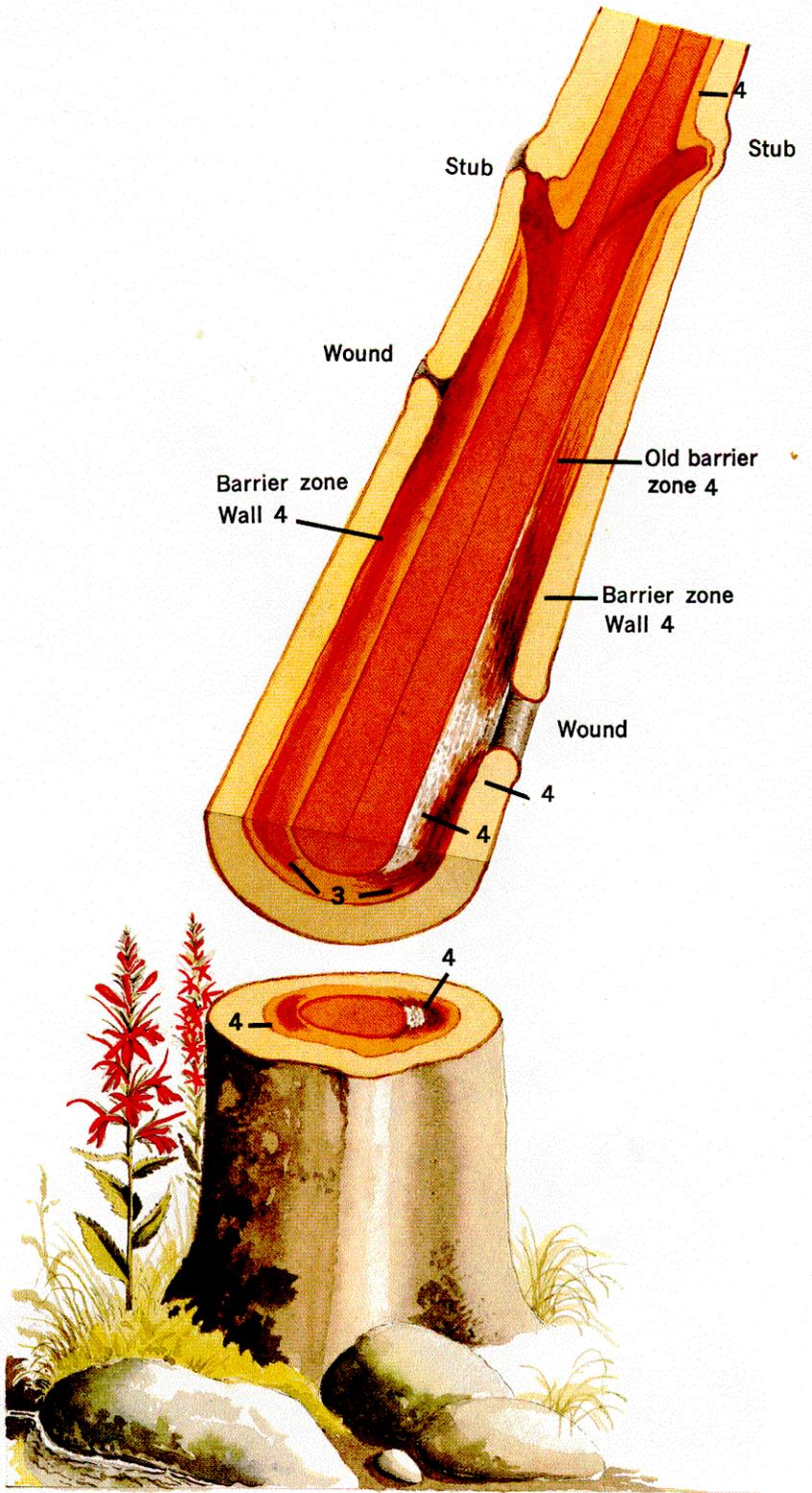


A central column of compartmentalized discolored wood may be associated with large branch stubs that healed slowly, but did close before decay set in. Additional columns of discolored and decayed wood could develop later, for example, from severe mechanical wounds on the trunk.



Here are some typical patterns of multiple columns found in nonheartwood-forming trees.

