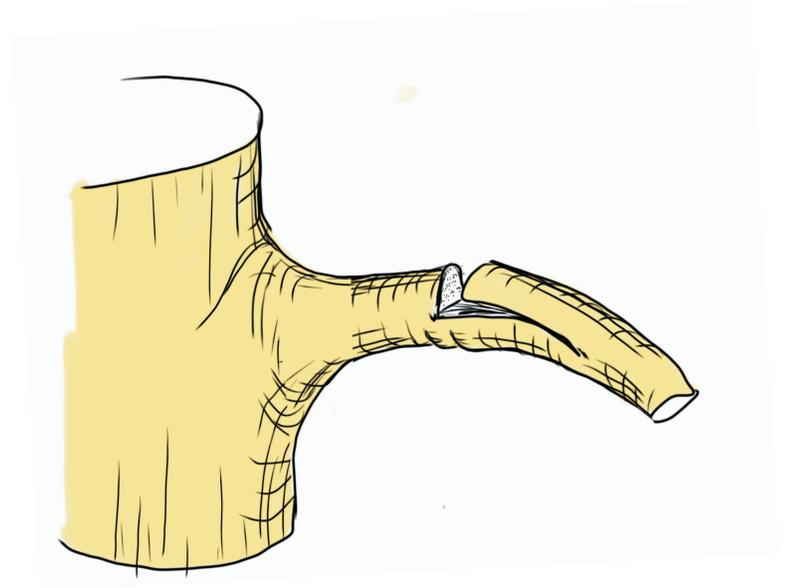
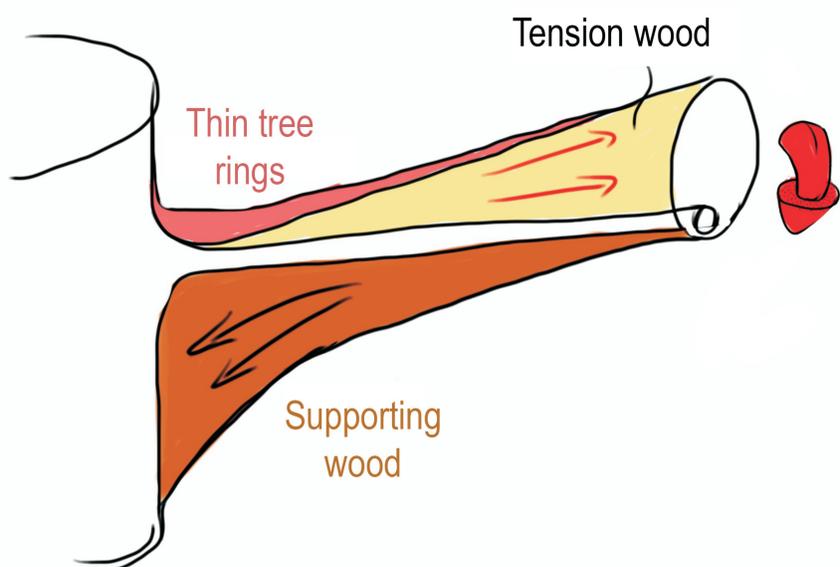


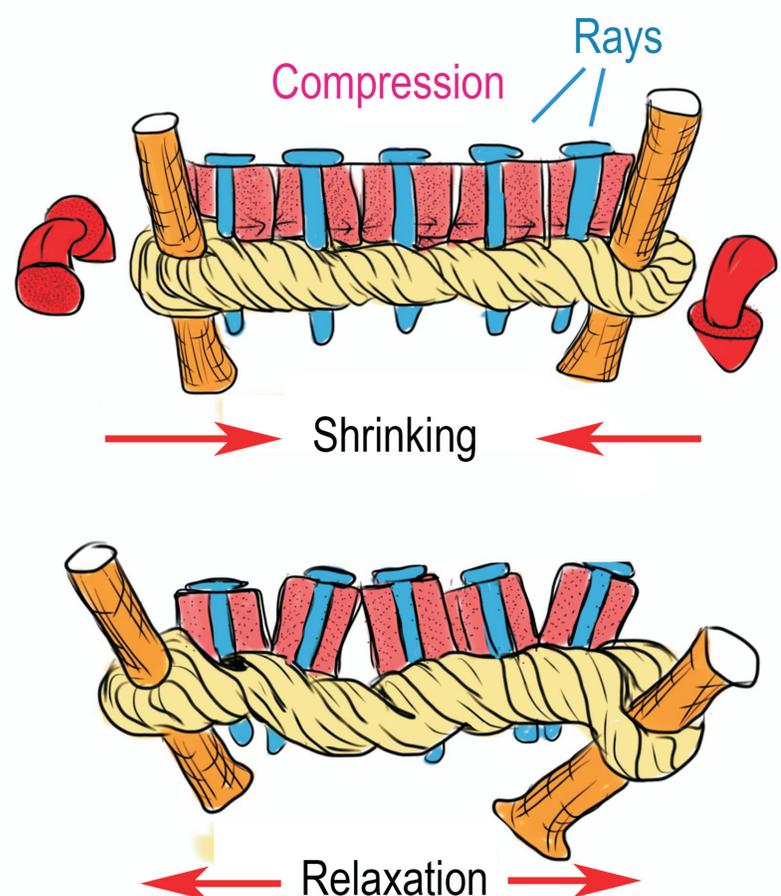
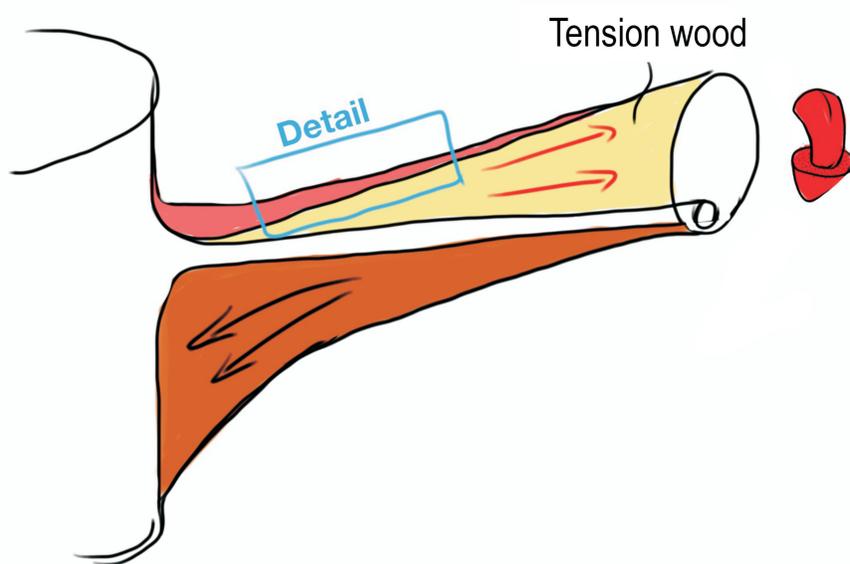
How Heat Affects Summer Drop of Branches

C. Mattheck, K. Bethge, K. Weber

After summer heat even non-decayed branches may drop down.



The area of thin growth rings is rich in vessels but not strong.



Result: Long lion's tail branches have on their top side a brittle layer of wood near the trunk. By shrinking tension wood the brittle top layer is pre-compressed. After summer heat tension wood relaxes and the brittle layer might crack.