



Another type of defect that does not appear to fit the concept are ring shakes—separation of the wood along the rings. The problem here is that the barrier zone associated with the wounds often forms far beyond the visible column of defect. The barrier zone acts as a partition between the wood present at the time of wounding and the new wood formed after. When growth stresses or other stresses are applied, the wood sometimes pulls apart along the barrier zone. Most shakes are associated with wounds, but not all wounds result in shakes.

