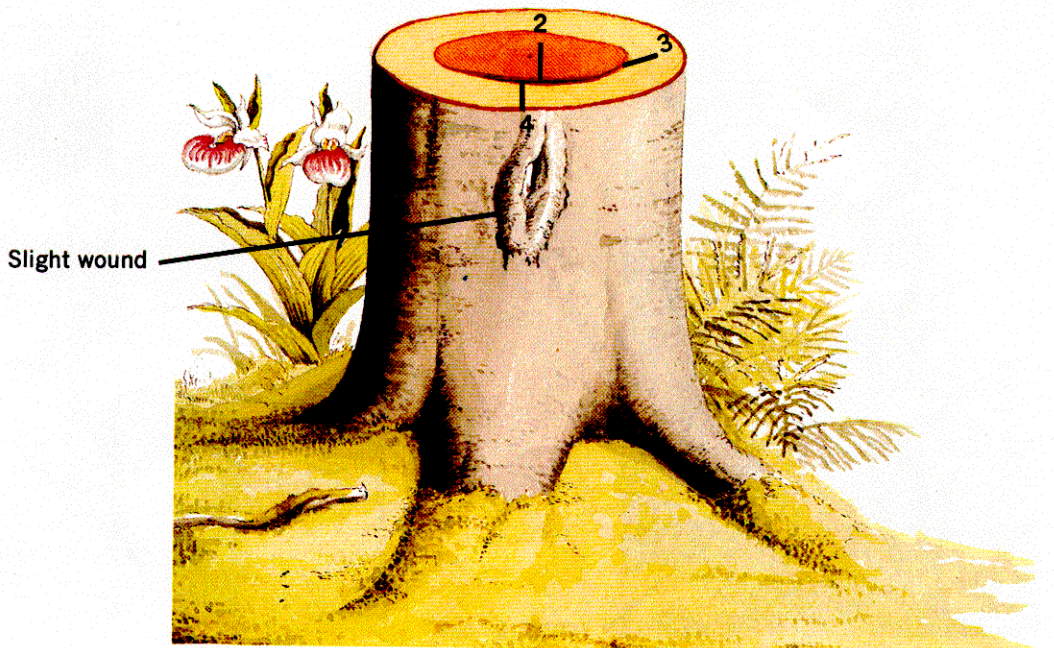
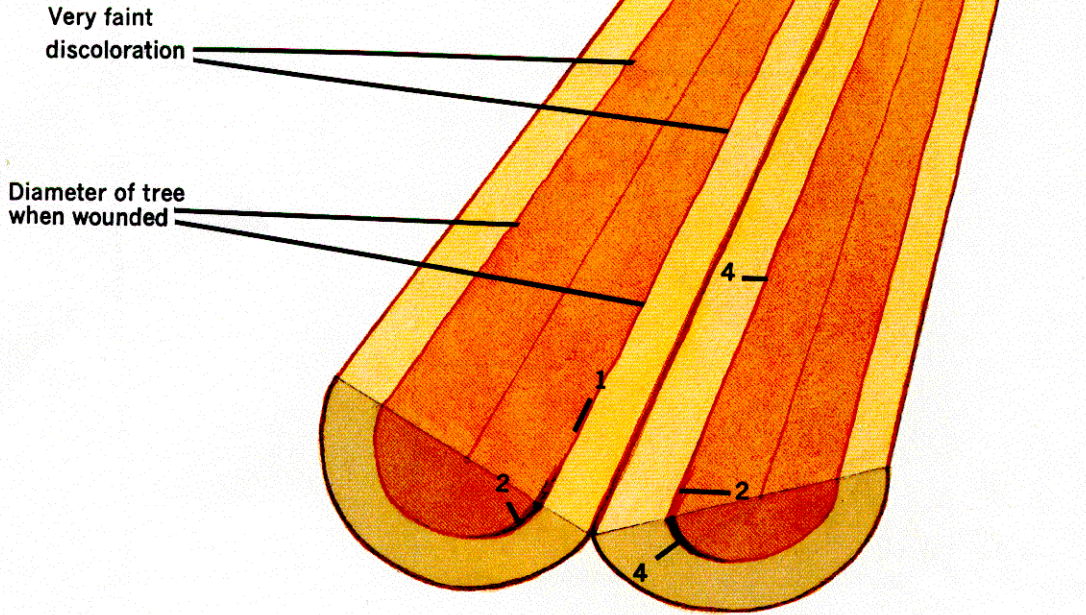
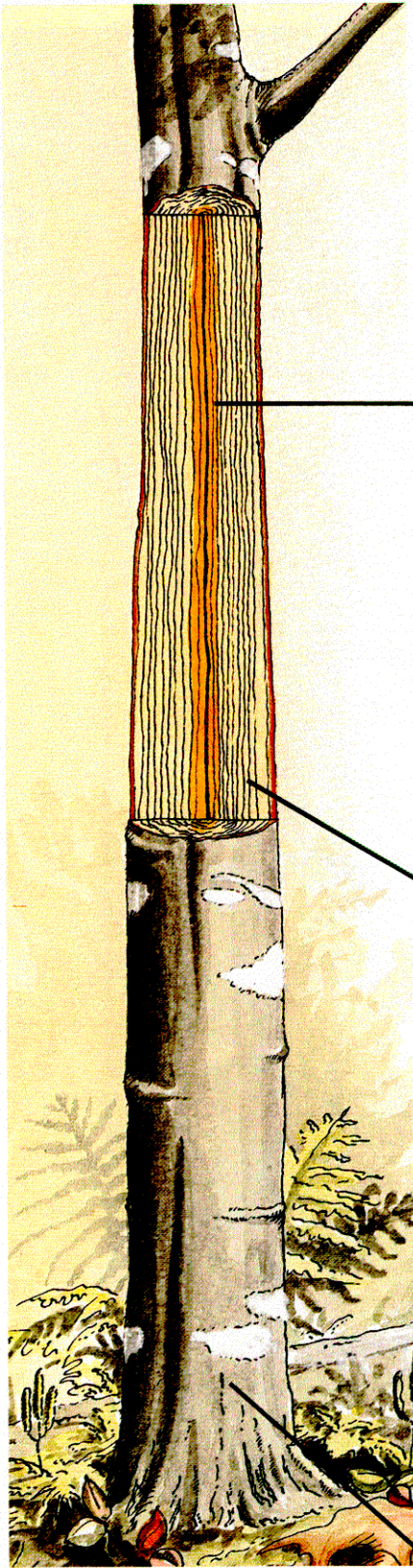


A slight basal wound. The entire column of wood present at the time of wounding was altered very little, but it was still confined by the barrier zone. The inner walls and side walls held firm here and only a "moon ring" formed.





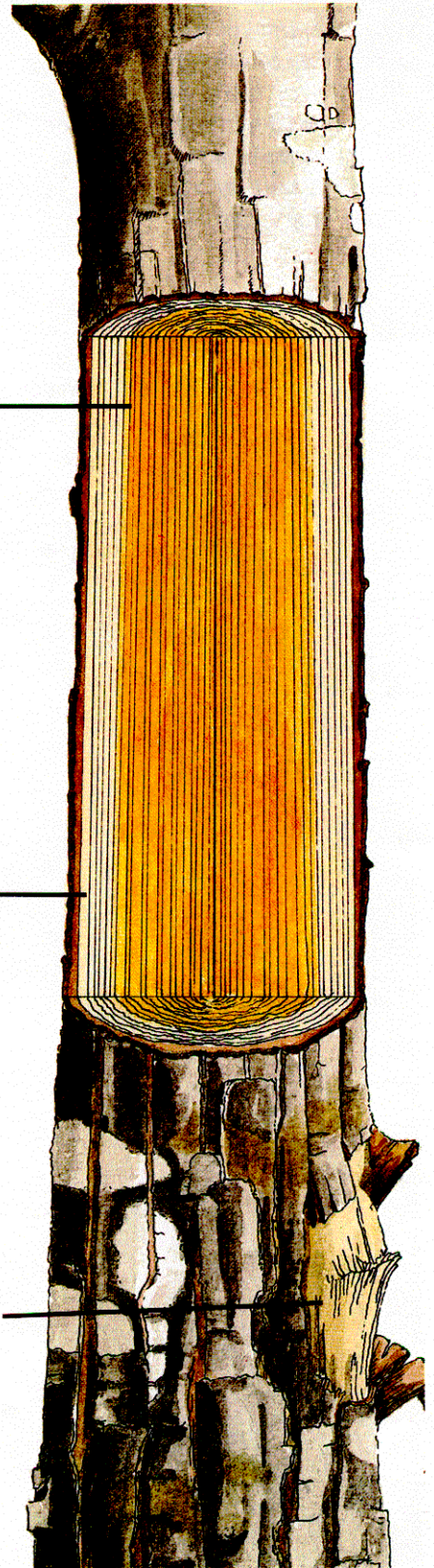
In general, the same types of columns occur in trees that have a heartwood core. Discolored and decayed wood is compartmentalized in heartwood. When a mechanical wound penetrates the sapwood to the heartwood, the column develops most rapidly along the sapwood-heartwood boundary.



Heartwood

Sapwood

Young red oak



Heartwood

Sapwood

Wound