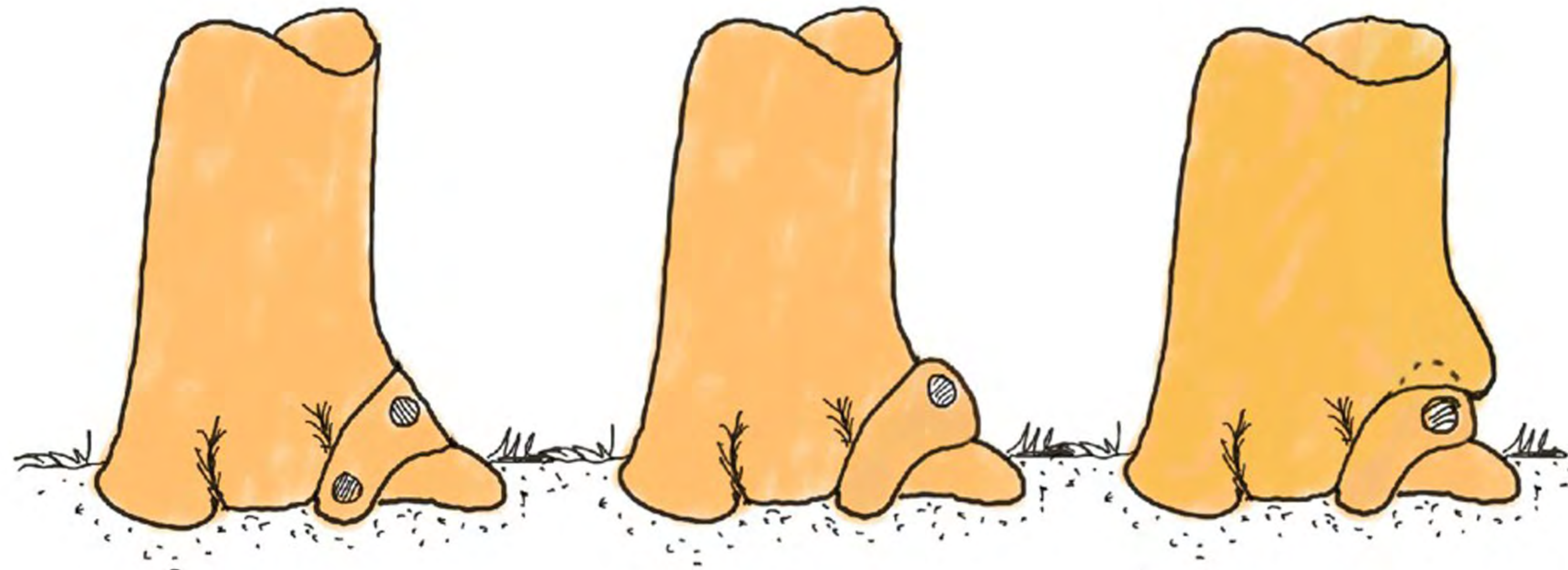


Strangler root diagnosis with punching test

C. Mattheck, K. Bethge

Predictions based on the punching test:



Integrated by the trunk

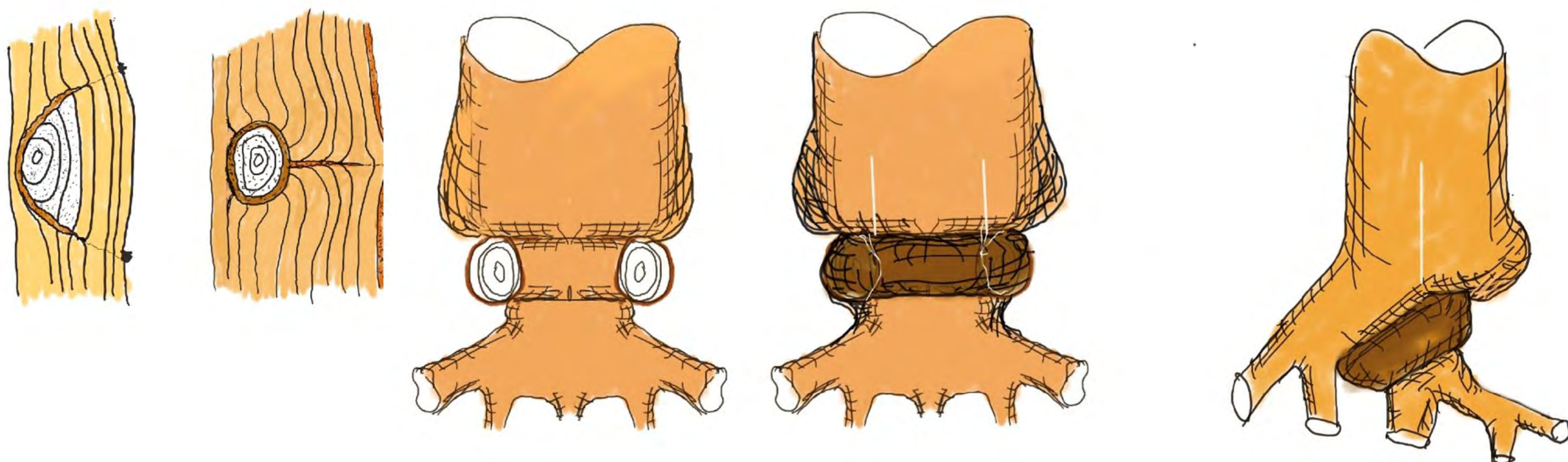
Everything still possible

Trunk is strangled

Consumption of the safety factor due to stem growth:

Might go well

Increasing risk due to stem growth!



Everything is still open, so far the fibers are still running in the direction of the root axis



Welding takes place: Root fibers partly in direction of stem axis, can still go well. Punch lower root seam in a few years, then final prognosis!



Strangler root integrated by root buttress, fiber orientation in direction of the trunk axis.



Conclusion: Punching technique allows better statements about the internal optimization of trees, the fiber orientation and thus predictions on the future of the tree with strangler root.