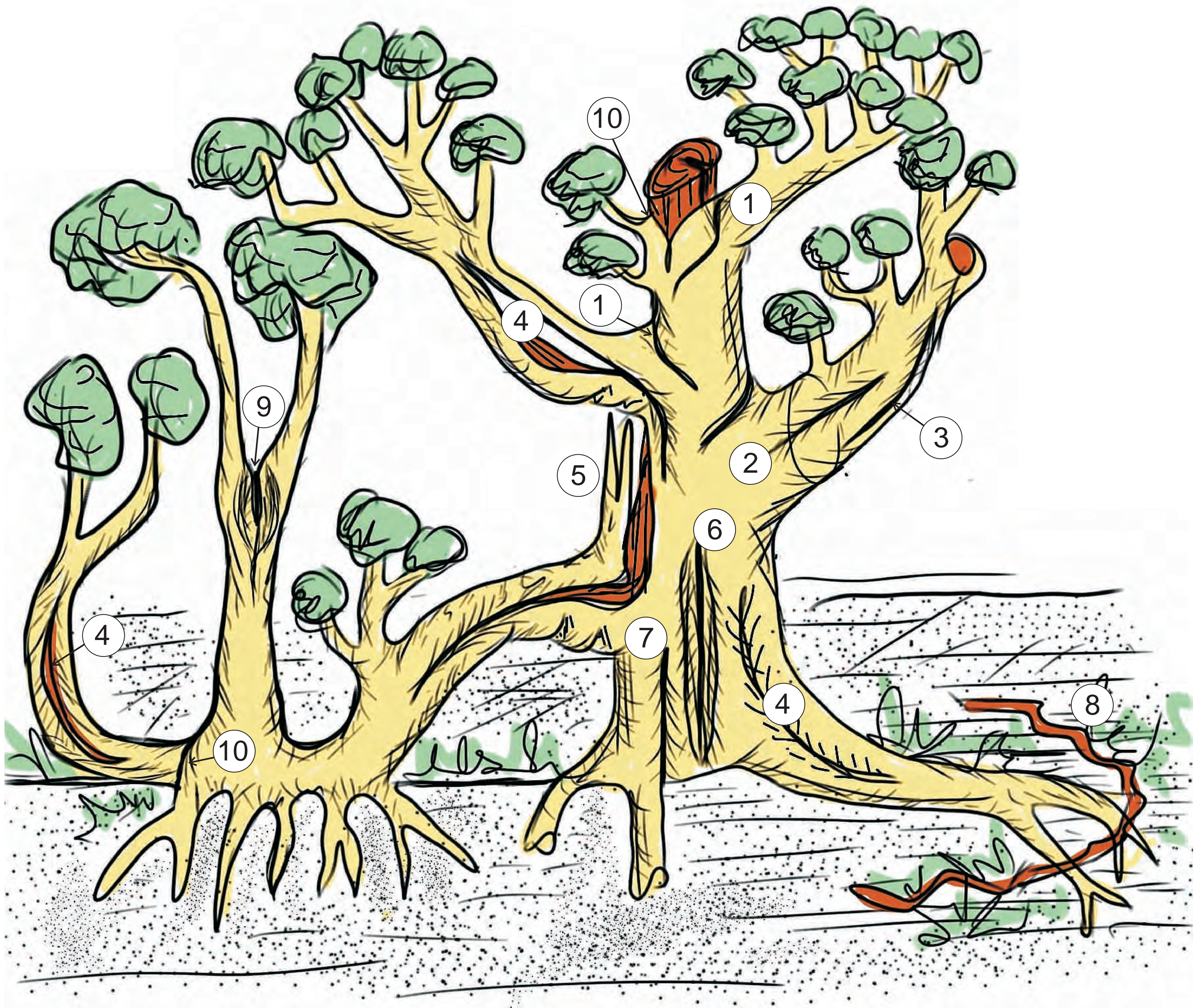


10 VTA - Symptoms

Cracks in trees

C. Mattheck, K. Bethge, K. Weber



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|-------------------------------|---------------------------|
| 1. Lateral grain accumulation | 6. Shear bomb crack |
| 2. Ovalization crack | 7. Separation shear crack |
| 3. Banana crack | 8. Soil crack |
| 4. Hazard beam crack | 9. Included bark split |
| 5. Branch breakout | 10. Shedding collar |