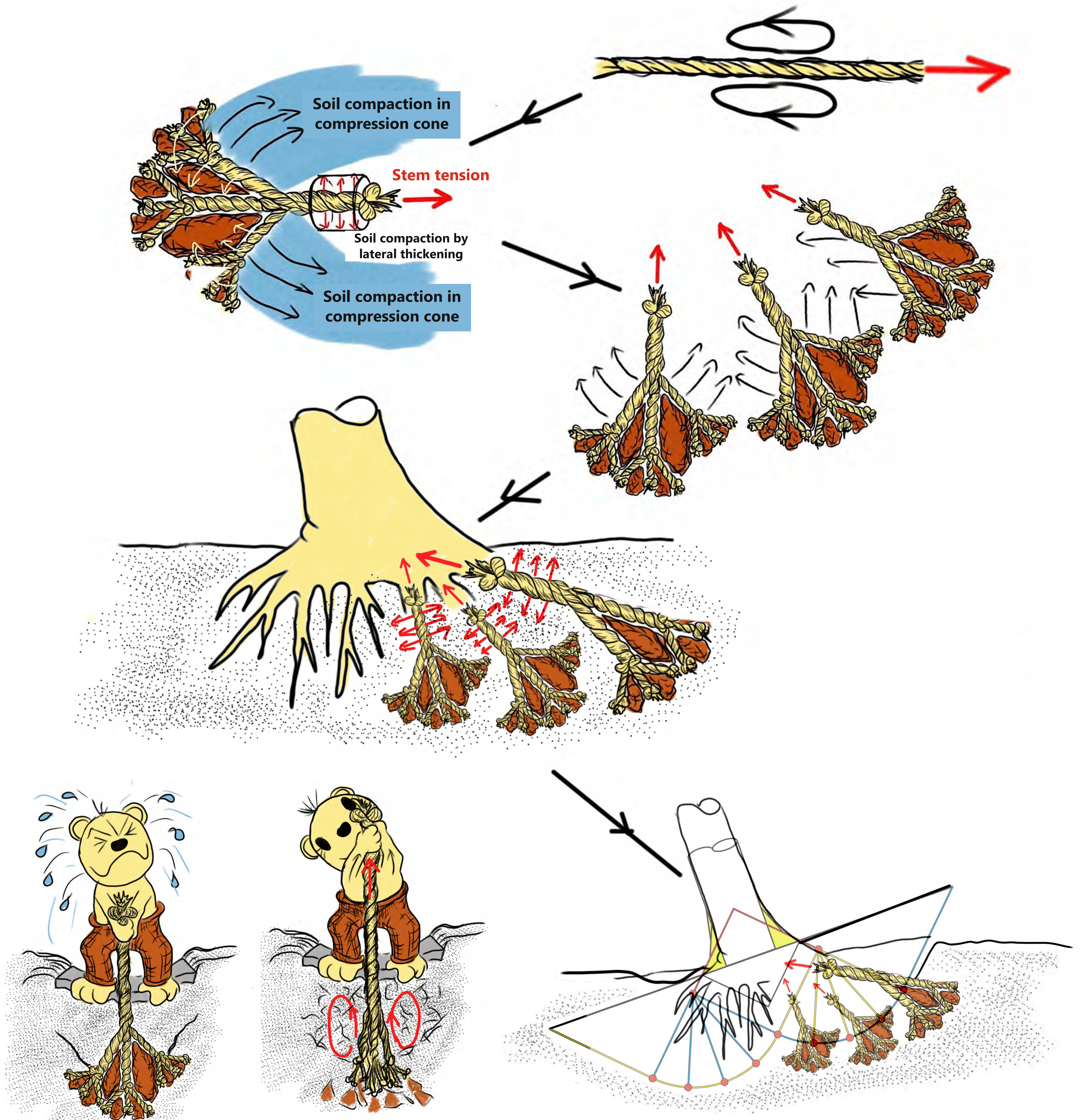


Compression strengthening of the root plate

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Summary: Soil knots and lateral thickening compress the soil in the root plate in a way, that the tension of the root is converted into compression of the soil. The root tension strengthens on the one hand the soil in the root area itself and on the other hand, it also increases the shear strength of the slip line of the root ball. In case of loss of knots, whirls form next to the root sliding out.