Supplementary information: starch storage strategy in the stem wood influences carbon dynamics and storage-growth trade-offs in tropical trees

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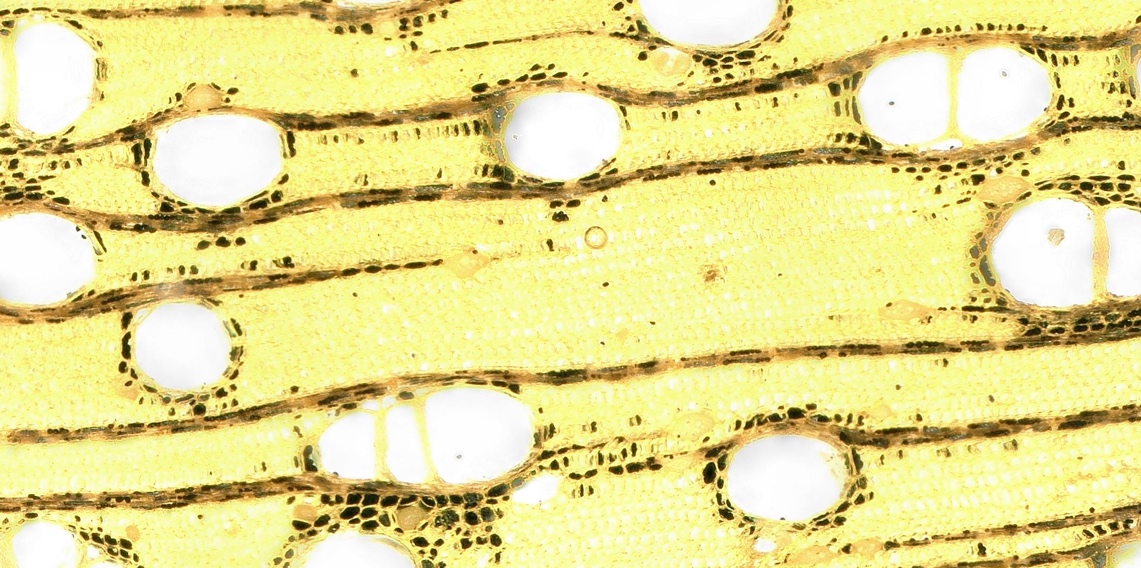
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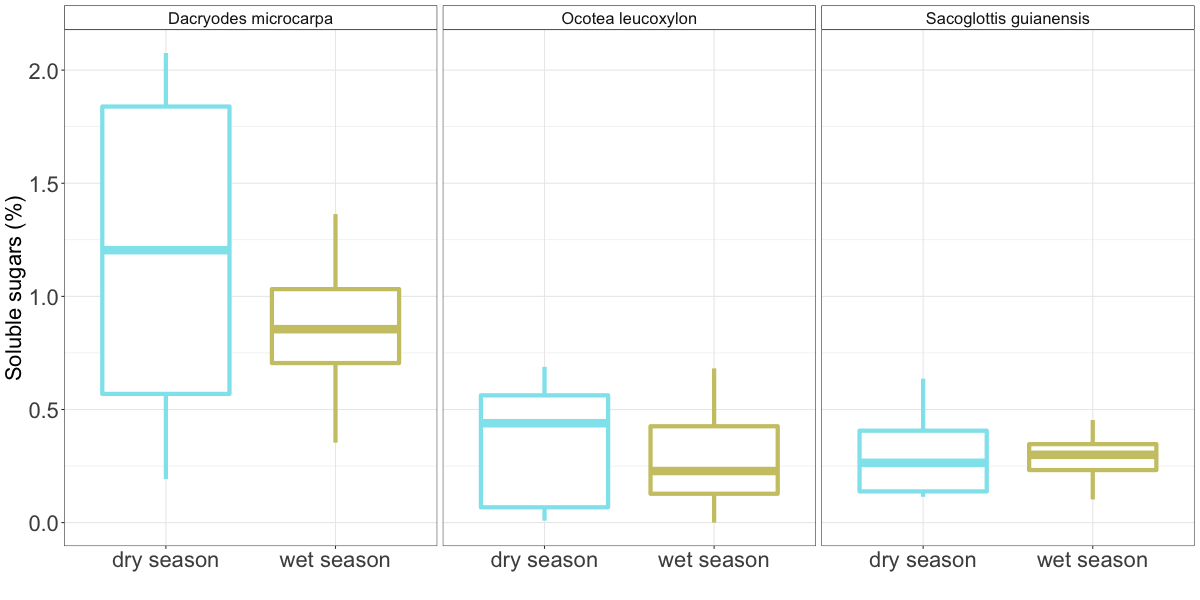
Dacryodes microcarpa (semi-deciduous/fiber-storing species)



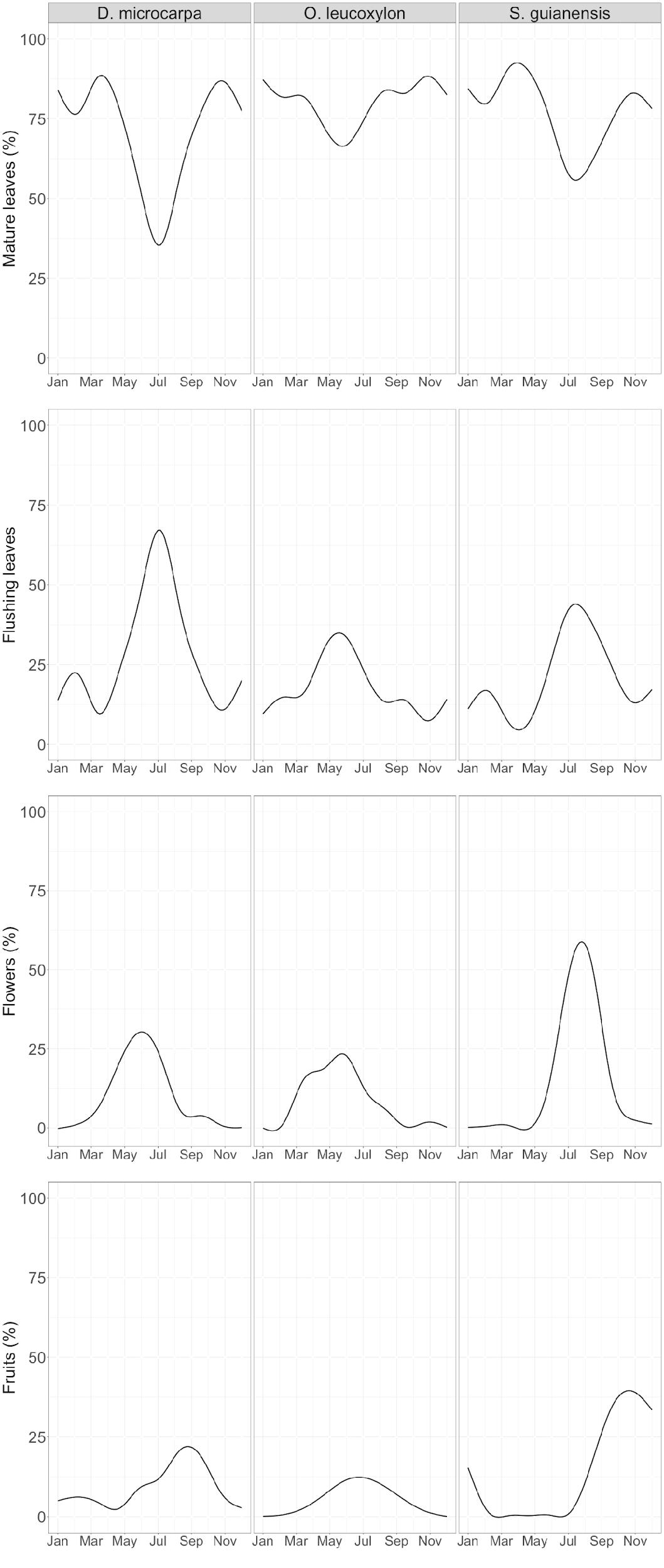
Sacoglotis guianensis (semi-deciduous/parenchyma-storing species)

Ocotea leucoxylon (evergreen/parenchyma-storing species)

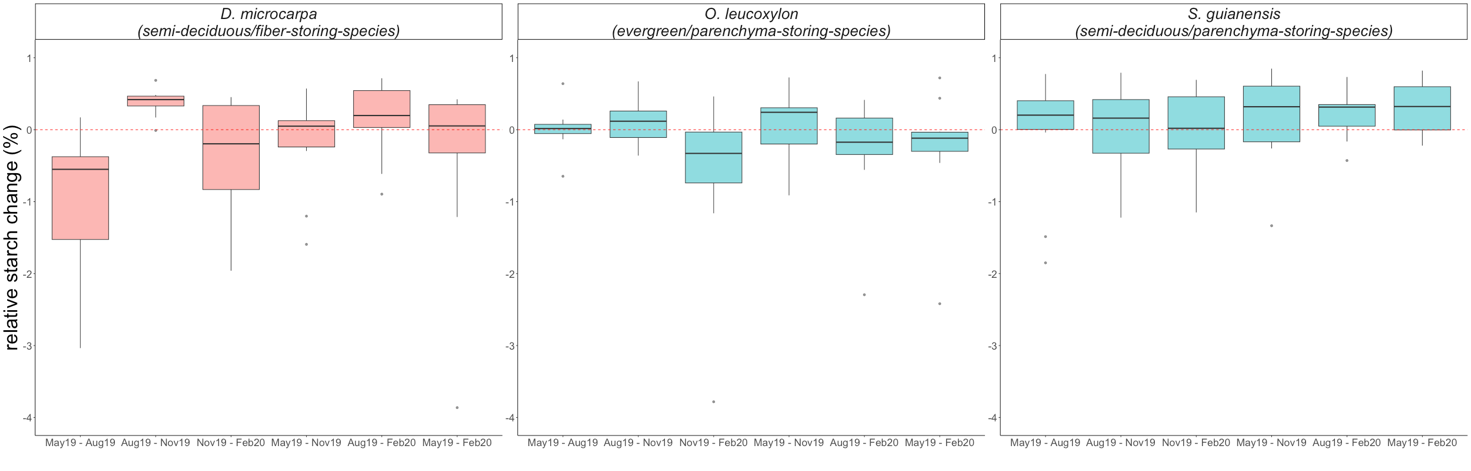
Figure S1: Microscopic photos of the transversal section of wood stained with luglo’s iodine for each species. Starch appears stained as black areas and it shows the differences in storage strategies between the species.

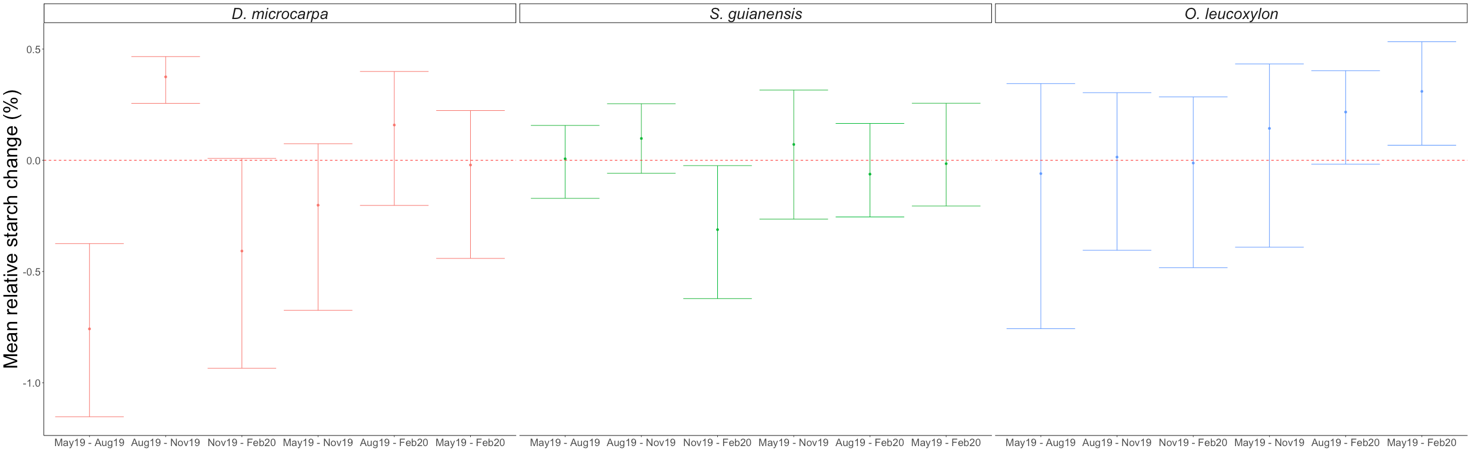


*Figure S2: Boxplots that show the dispersion of the soluble sugar concentration measured in the wood cores from trees of each evaluated species at different seasons during 2018. No difference was detected between seasons for any of the species.*

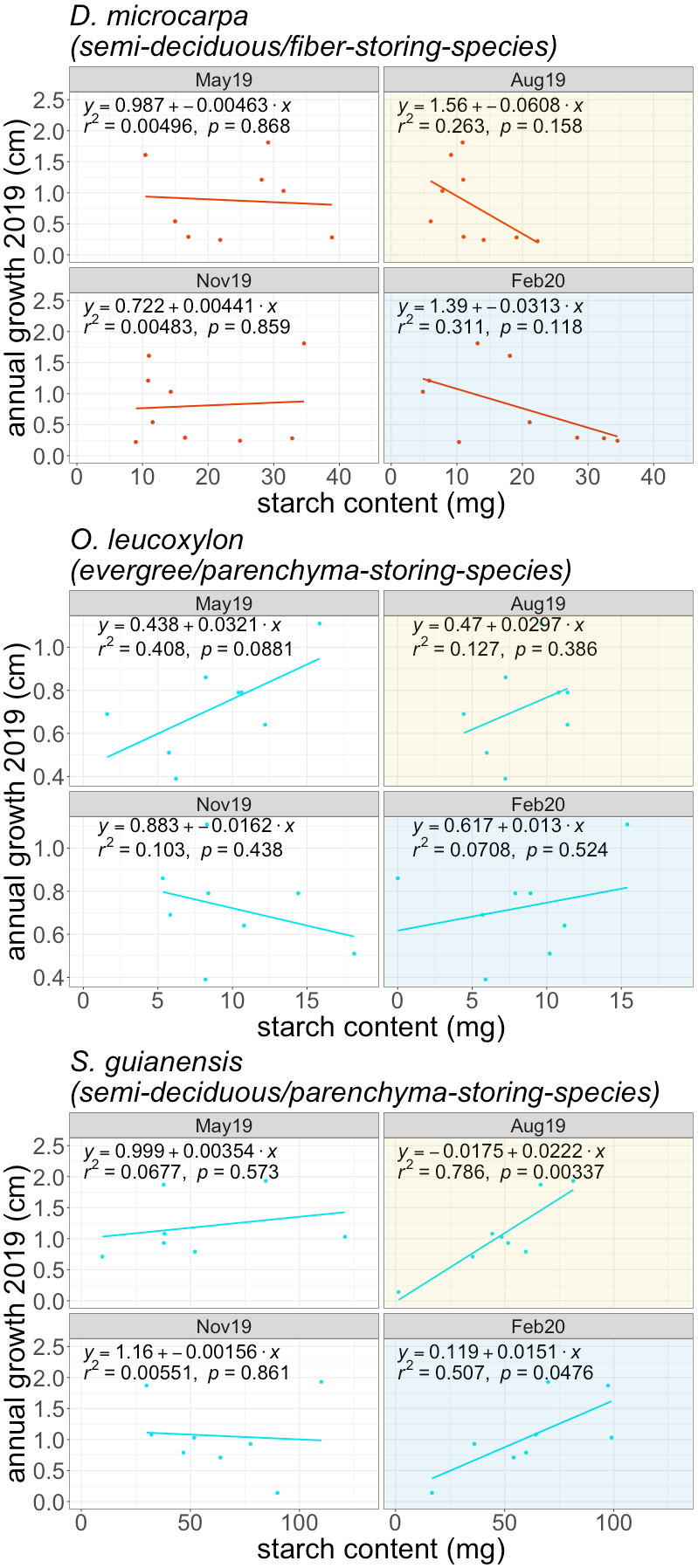


*Figure S3: Seasonality of mature leaves, flushing leaves, flowers and fruits observed during the last 8 years in local trees from the studied species.*





*Figure S4. Upper panel) Relative changes of starch content between months for all the specie analyzed and all the dates collected. And lower panel) a non-parametric confidence interval for the mean of the relative changes of starch content for all the species and all the sampling dates.*

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*Figure S5: Relationship between annual growth and the starch content at different times of the year for each of the species studied. The yellow shaded panels correspond to the dry season, while the blue shaded panels correspond to the wet season.*