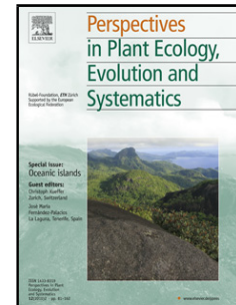


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Determinism in tree turnover during the succession of a tropical forest

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Highlights

- The composition and abundance of trees in a chronosequence of tropical forest revealed determinism in successional process.
- Environmental drivers (soil stress and limitations related to forest structural complexity) indirectly affected recruitment and survival via biotic drivers (competitive ability, facilitation and niche complementarity).
- Community assembly during succession is the result of a multi-factor process acting on recruitment and survival rates, which ultimately affect individual and species turnover.

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