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the whole plant economics spectrum pes refers to the trade offs among

the many plant functional traits that are commonly used as indicators of major adaptive strategies thereby providing insights into plant distributions ecosystem processes and evolution

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abstract the plant economics spectrum that integrates the combination of leaf and wood syndromes provides a useful framework for the examination of species strategies at the whole plant level

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the plant economics spectrum describes the trade off between plant resource acquisition and storage and sheds light on plant responses to environmental changes

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the plant economics spectrum proposes that ecological traits are functionally coordinated and adapt along environmental gradients however empirical evidence is mixed about whether aboveground and root traits are consistently linked and which environmental factors drive functional responses

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it is concluded that branching of lower order roots can be considered a leading root trait of the plant economics spectrum of temperate trees

since it relates to the mycorrhizal association type and belowground resource exploitation while the dominance of the phylogenetic signal over environmental filtering makes morphological root traits less *towards the flower economics spectrum* roddy 2021 new Feb 25 2023 here we propose the flower economics spectrum fes which can be used to identify axes of floral trait covariation and to assess whether there are central trade offs in the construction and function of flowers and floral organs

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