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Phenological Visual Rhythms: Compact Representations for Fine-Grained Plant Species Identification

Jurandy Almeida, Jefersson A. dos Santos, Bruna Alberton, Leonor Patricia C. Morellato, Ricardo da S. Torres

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Research Highlights (Required)

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It should be short collection of bullet points that convey the core findings of the article. It should include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point.)

- We extract plant color information from images and correlate with leaf phenological changes.
- We use time series associated with plants for pattern analysis and knowledge extraction.
- We present a novel approach for capturing phenological patterns from time series.
- Our method encodes time series as a visual rhythm, which is characterized by image descriptors.
- Our method presents high accuracy and computational speed on identifying plant species.

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