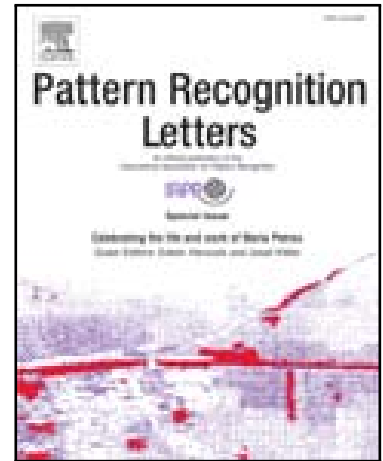


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Categorizing plant images at the variety level: did you say fine-grained ?

Julien Champ, Titouan Lorieul, Pierre Bonnet, Alexis Joly

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Research Highlights (Required)

To create your highlights, please type the highlights against each `\item` command.

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.)

- two new datasets were created for the evaluation of plant varieties recognition
- an experimental study was conducted with today's best performing techniques
- recognizing rice seeds variety appears to be feasible in controlled environment
- recognizing grape varieties from their leaves is still an open problem
- results show that convolutional neural networks perform the best on such problems

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