

# Facing the double S hydraulics

(A comment on Plomion (2013) Journal of Sigmoidal Plant Hydraulics 1: e002)

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## Introduction

The hydraulic monsters are exceptional specimens of Leaf Plant physiologist and Bud Plant transcriptomist that suddenly went crazy about S hydraulics. However, several hypotheses still remain that could totally change our view of S hydraulics in general. The objective of our comment is to .... Let's talk about it!

## Material and methods

See Plomion (JSPH this issue)

## Results

No need, this is a comment

## Discussion

Considering that Figure 1 from Plomion (2013) is unfortunately restricted to image, most valuable piece of information went missing which would fully complete the amazing study the author published in your journal: sound.

As you know, the Porté phenotype is a particularly talkative one whatever the circumstances and the Le Provost genotype seems to present a strong interaction with environment resulting in a high level of oral expression when placed into the wild, surrounded by insects and planted in deep water.

Such specificities produced the rising of a new shape in tree hydraulics: the double S. Theoretically the tree producing a double S stem should logically present a double sigmoidal vulnerability curve.

### **Conclusion**

As nothing fits like a sigmoid, we still wonder what Science could say from a double sigmoid. Let's hope that R Burlett and H Cochard can conceive a 10 m wide Cavitron suitable to cope with the challenges pointed out by the Sigmoidalistic monsters.

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