

## **Supporting Information for:**

# **Acoustic levitation of pollen and visualisation of hygroscopic behaviour**

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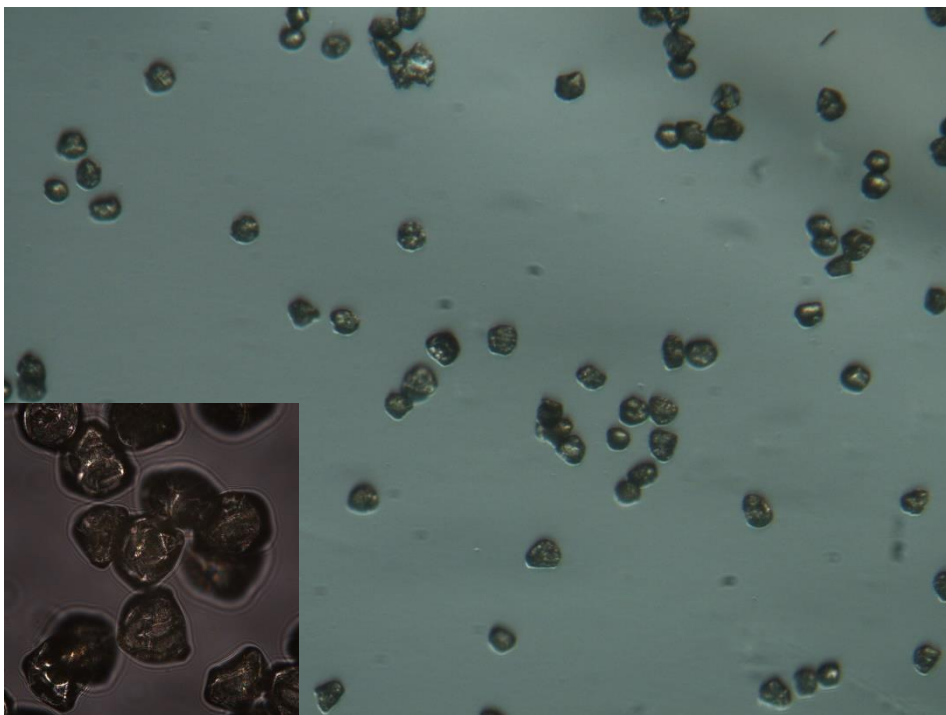
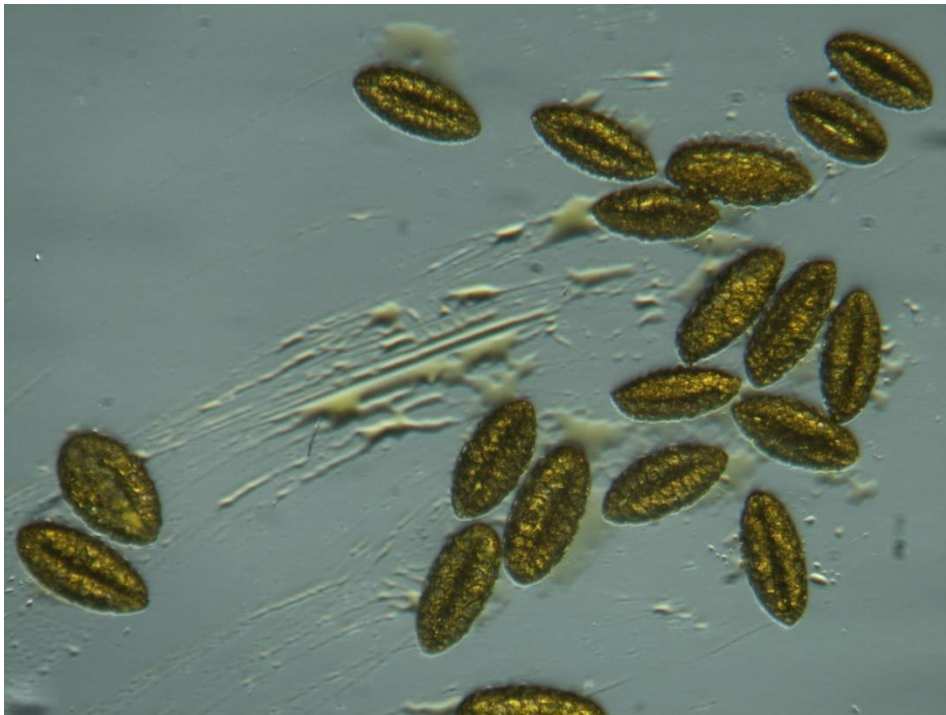


Figure S1: Microscope images of pollen grains (above: *Lilium orientalis*; below: *Populus deltoides*) from the samples used in this work.

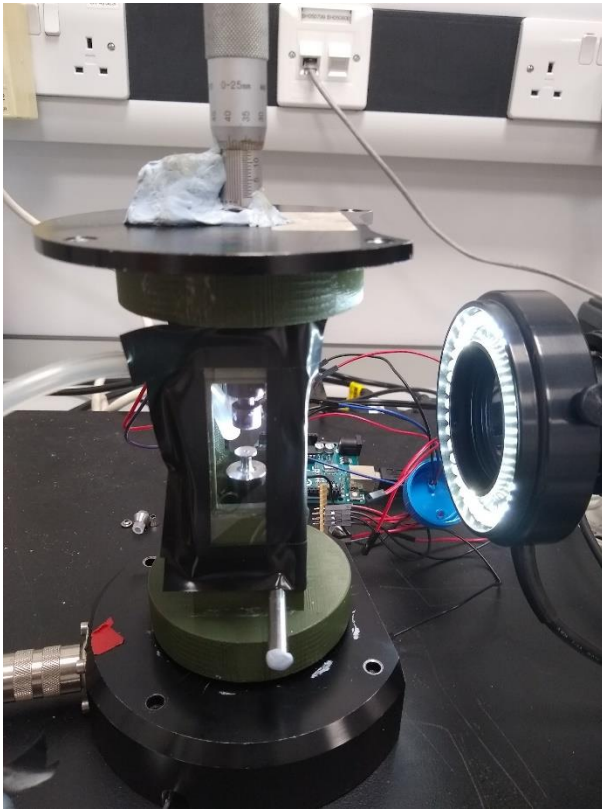


Figure S2: Photograph of the acoustic levitator chamber and macroscope used in this study.

## Determining the pollen grain size

Python code adapted from:  
<https://www.pyimagesearch.com/2016/03/28/measuring-size-of-objects-in-an-image-with-opencv/>

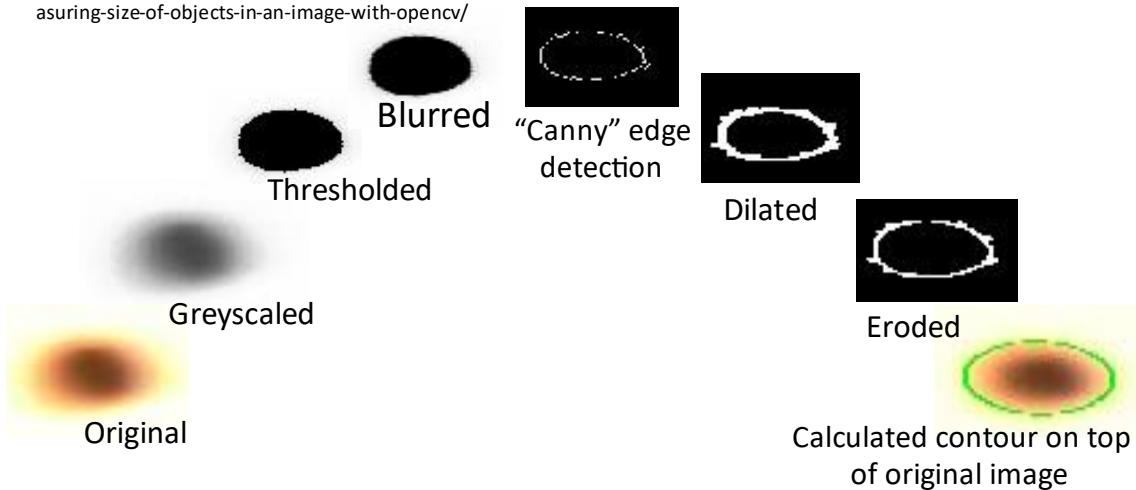


Figure S3: Methodology of the python program designed to draw contours around the pollen grains in each image.