



Corrigendum to “Real-time pollen monitoring using digital holography” published in *Atmos. Meas. Tech.*, 13, 1539–1550, 2020

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This document lists minor mistakes recently found in the paper “Real-time pollen monitoring using digital holography”. These errors are typos regarding the technical specifications of the Poleno instrument used for our study. In particular, the numerical values of the measurement emission windows and the pixel resolution of the holographic images are slightly off from the correct values. As we did not use these values in our algorithms or for our discussion, the corrections concern only a few places in the “Materials and methods” section and do not call into question any of the results or conclusions presented in the original paper. The typos are shown below in bold letters in the section where they appear in the original publication.

In Sect. 2.1, Swisens Poleno, the following corrections need to be made.

UV-induced fluorescence lifetime and spectra are measured at three different excitation wavelengths (280, 365, and 405 nm) using five measurement emission windows between **333** and **694** nm.

This is all the more relevant since the threshold for allergic response is typically even lower, **depending** on the taxa, from just a few grains to a few tens of grains per cubic metre.

In Fig. 1, Fluorescence lifetime & spectrum measurement, the following correction needs to be made.

The correct measurement windows values are **333–381, 411–459, 465–501, 539–585, 658–694** nm.

In Sect. 2.2, Calibration dataset, the following correction needs to be made.

The images are greyscale and have a resolution of 200 pixels × 200 pixels. Each pixel represents a **0.595** μm by **0.595** μm physical domain.