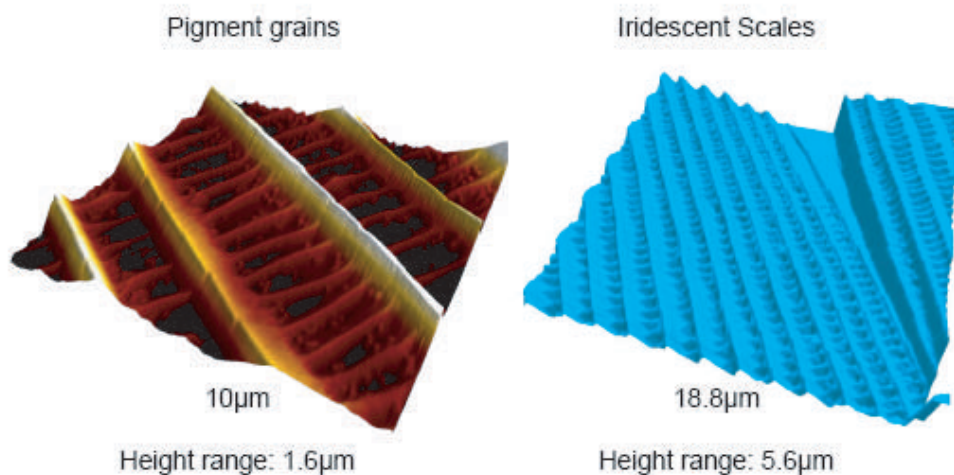


# Butterfly wings

## Nanosurf® AFM Application Note

Butterfly wings derive their colour both from pigment grains and the structure of the scale cells on their surface. The left image shows pigment grains, the right image shows a wing with iridescent scales.



Courtesy:

Sample: Dr. Eckhard Hartmann, Augsburg University, Biology

Measurement: Michael Drexel & Walter Freyn

Measurements done for Advanced Lab Course 20,

Augsburg University, EKM, Experimentalphysik 6