Rhodobacteria 7

Most likely ID: n.a.

Synonym: n.a

Sampling location: **Simmelried**

Phylogenetic tree: n.a.

Diagnosis:

- cells are spherical
- diameter of cells 1.8 – 2.2 µm
- cells with highly refractive granules, mainly in the center
- cells are colorless
- colonies consist of loose aggregations of clusters of 2-16 cells
- a gelatinuous sheat around the colonies, only visible due to adherent bacteria
- colonies about 20 – 100 µm in diameter

No drawings from previous authors available.

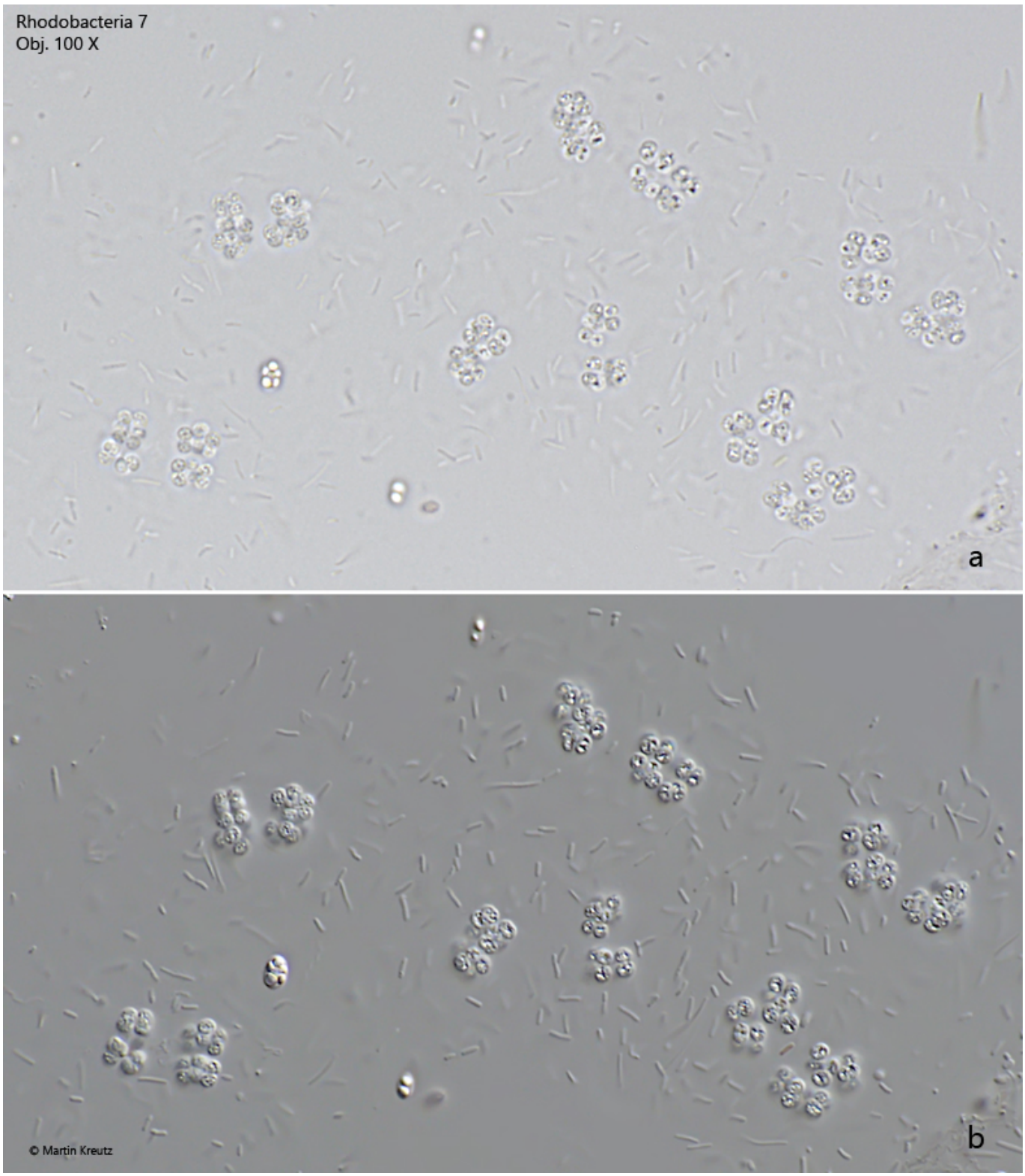

Fig. 1 a-b: *Rhodobacteria 7*. D = 1.8 – 2.2 µm. A colony of clustered cells in brightfield illumination (a) and DIC (b). Note the rod-shaped bacteria adhering to the gelatinuous sheat of the colony. Obj. 100 X.

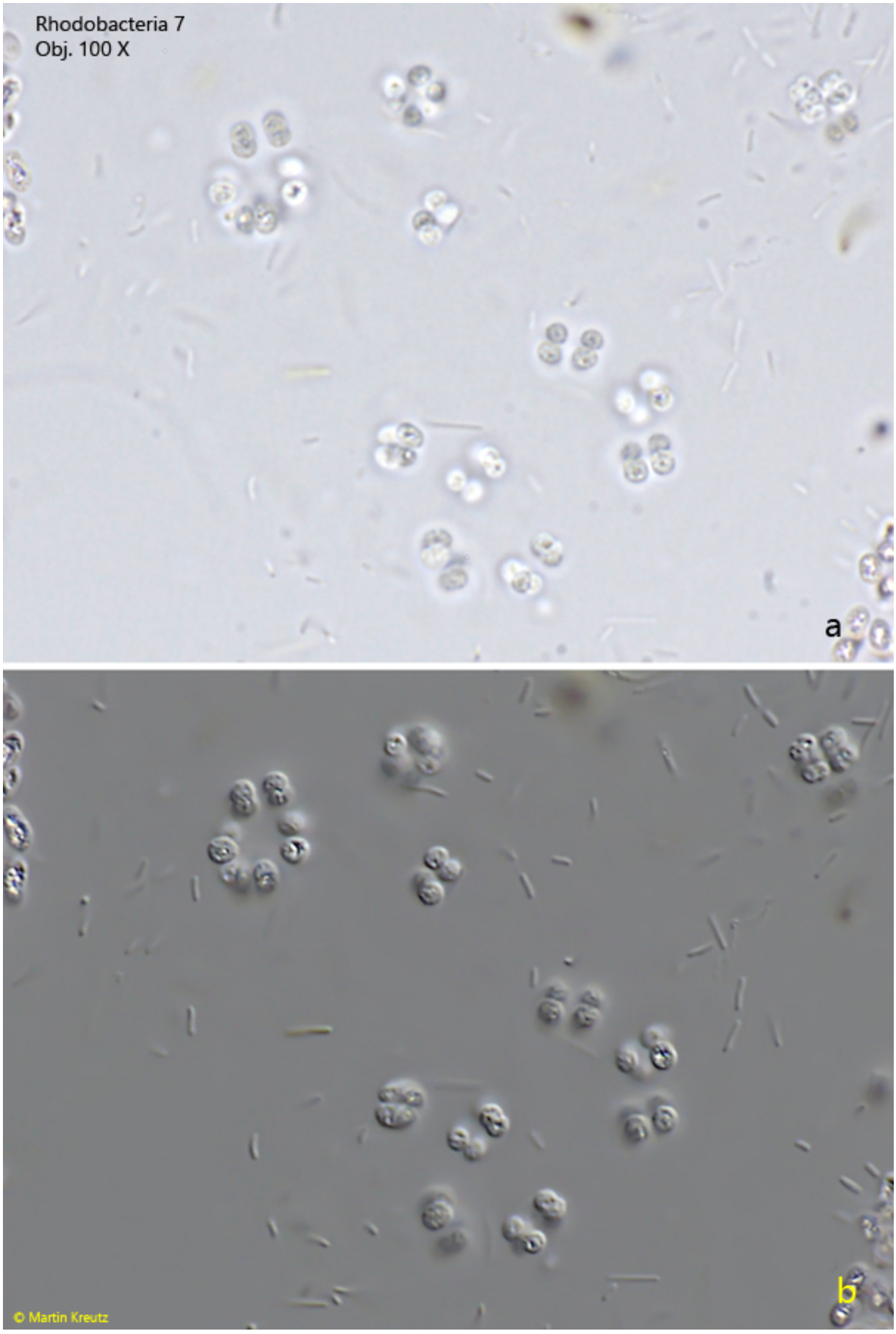

Fig. 2 a-b: *Rhodobacteria 7*. D = 1.8 – 2.2 µm. A second colony of clustered cells in brightfield illumination (a) and DIC (b). Obj. 100 X.

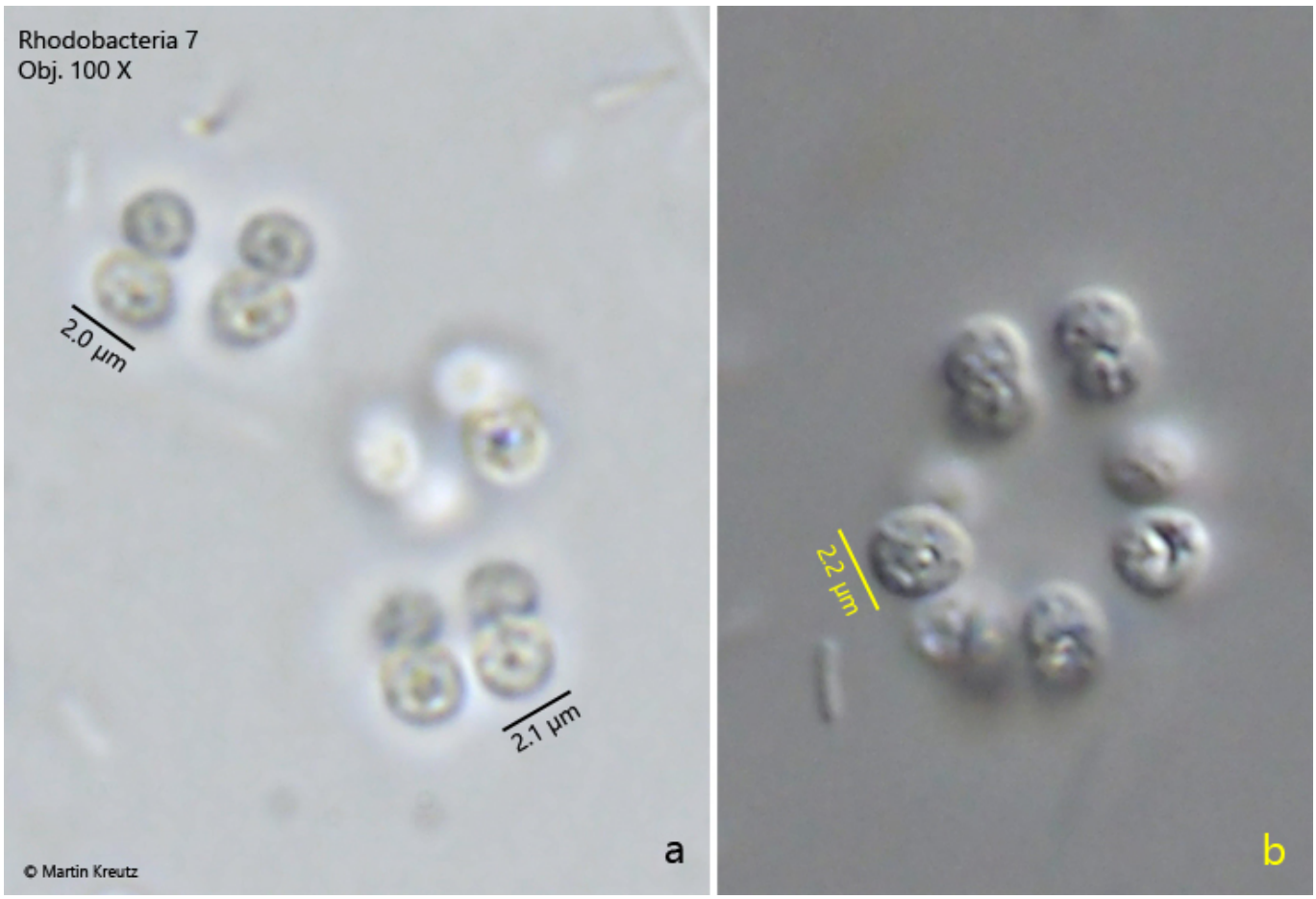

Fig. 3 a-b: *Rhodobacteria 7*. D = 1.8 – 2.2 µm. The cells of in detail in brightfield illumination (a) and DIC (b). Obj. 100 X.