

Rhodobacteria 5

Most likely ID: n.a.

Synonym: n.a

Sampling location: [Simmelried](#)

Phylogenetic tree: n.a.

Diagnosis:

- cells are U-shaped, sometimes curved
- length 2.3 – 2.6 μm , width 1.5 – 2.1 μm
- cells filled with spherical granules
- color slightly pink
- colonies irregularly shaped without sharp outline
- no visible gelatinous sheath
- colonies of about 50 – 150 μm in diameter

No drawings from previous authors available.

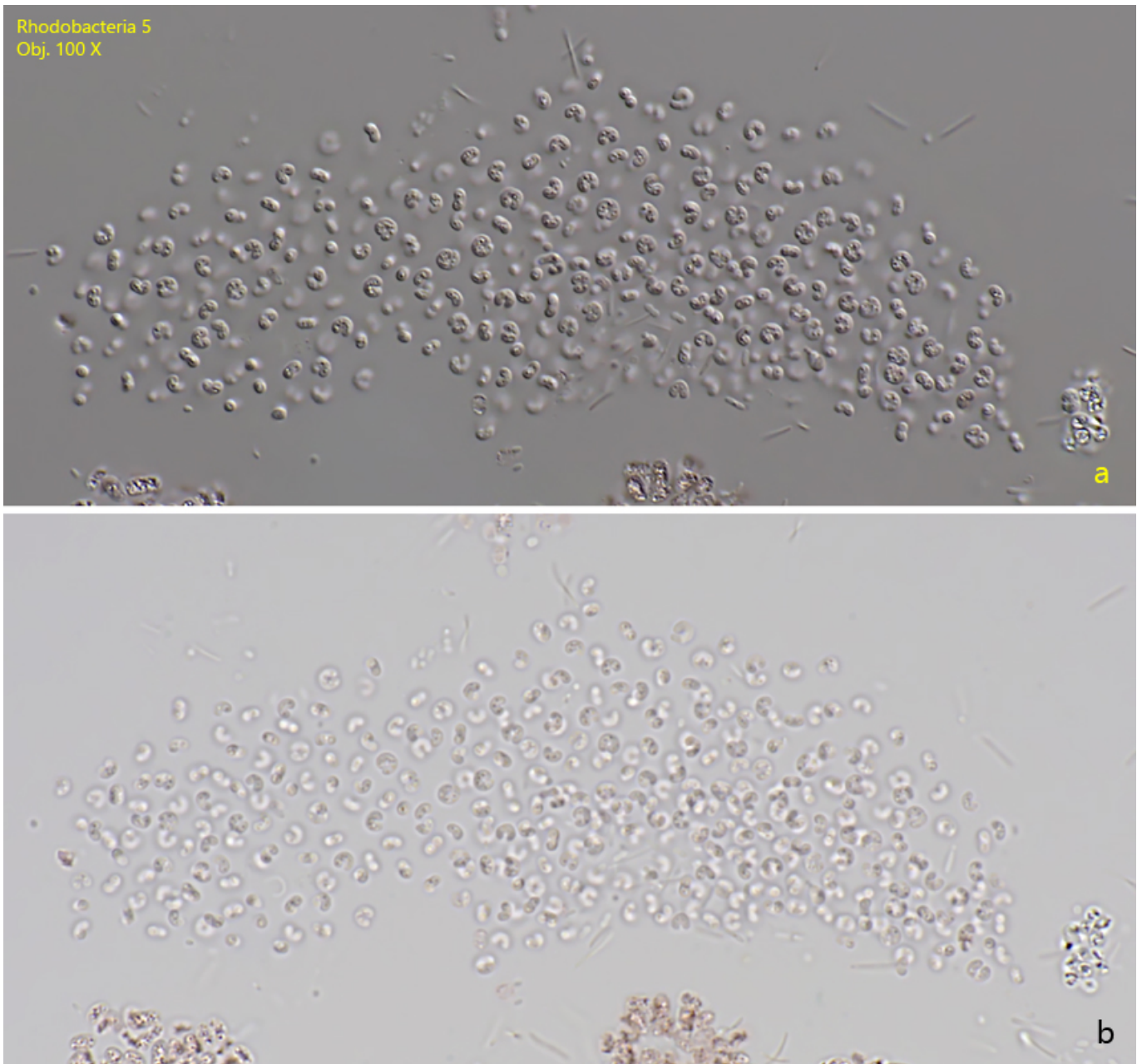


Fig. 1 a-b: *Rhodobacteria 5*. $L = 2.6 \times B = 2.3 \mu\text{m}$. A slightly squashed colony in DIC (a) and brightfield illumination (b). All cells are separated from each other. Obj. 100 X.

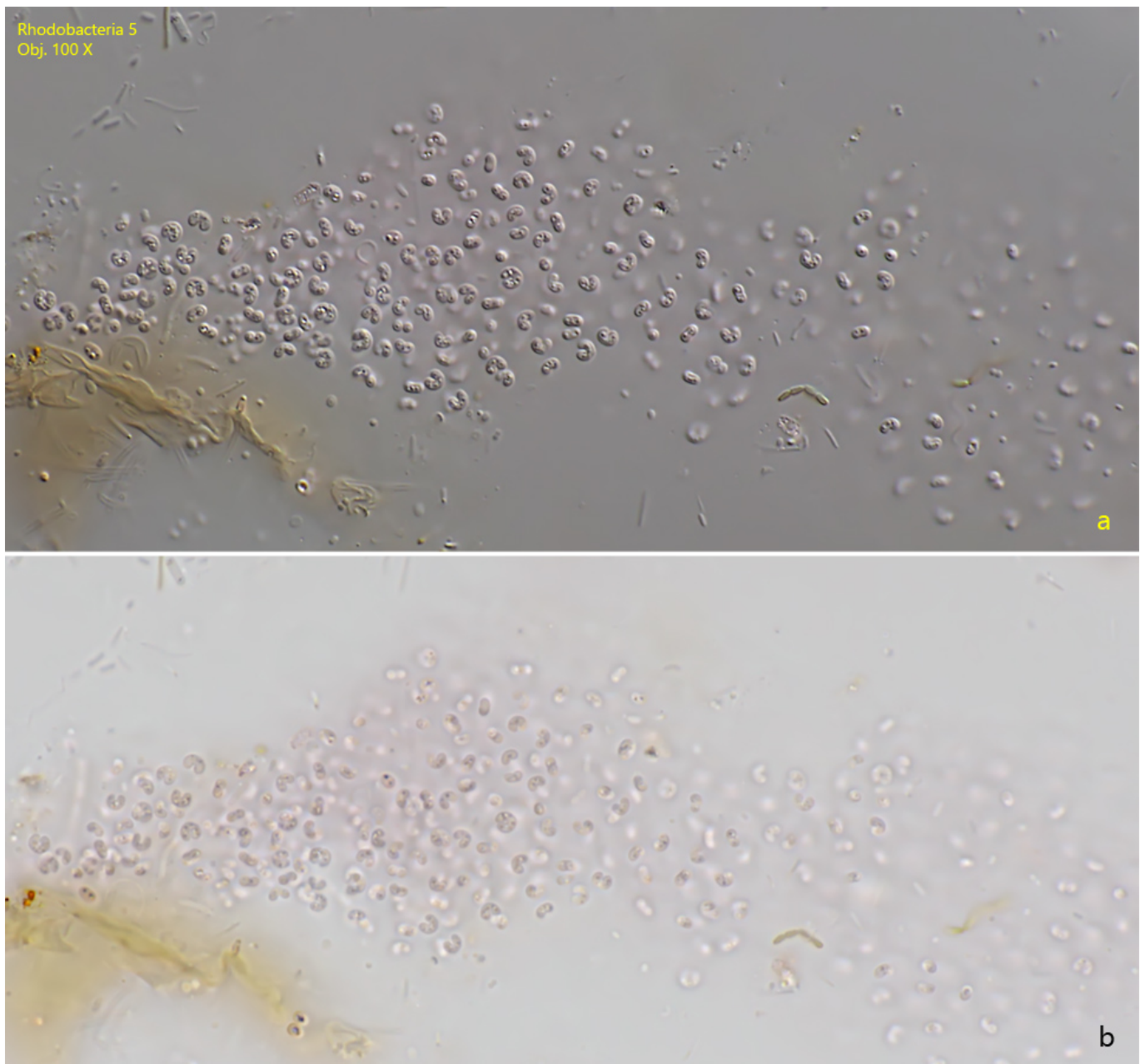


Fig. 2 a-b: *Rhodobacteria 5*. $L = 2.6 \times B = 2.3 \mu\text{m}$. A second slightly squashed colony in DIC (a) and brightfield illumination (b). Obj. 100 X.

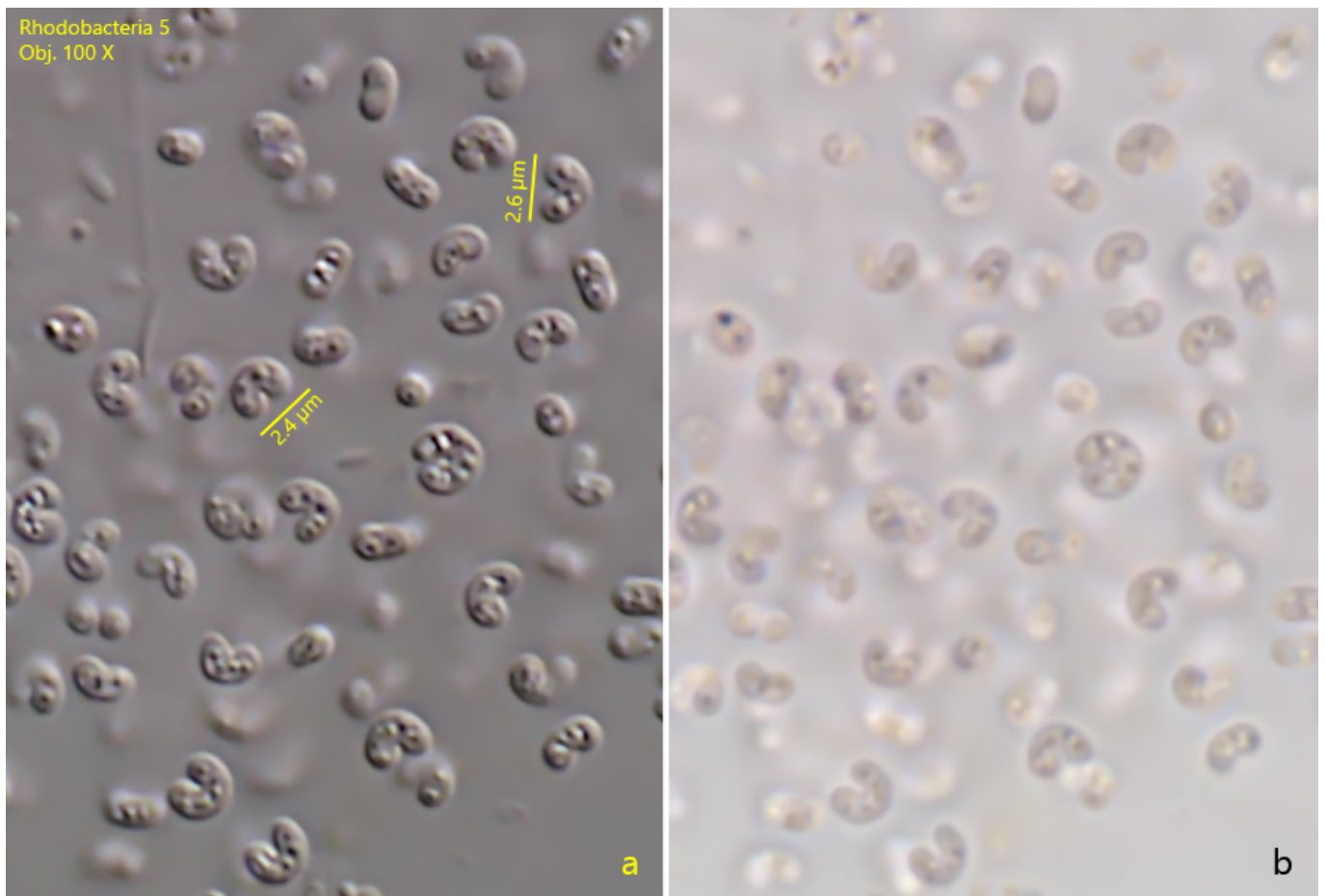


Fig. 3 a-b: *Rhodobacteria 5*. $L = 2.6 \times B = 2.3 \mu\text{m}$. The U-shaped cells of *Rhodobacteria 5* in detail in DIC (a) and brightfield illumination (b). Several spherical inclusions are always visible in the cells. Obj. 100 X.