Rhodobacteria 10

Most likely ID: n.a.

Synonym: n.a

Sampling location: Simmelried

Phylogenetic tree: n.a.

Diagnosis:

- the cells are ovoid or broad oblong
- length 3.4 3.9 μm
- slightly pink or flesh-like colored
- spherical shaped colonies, 50 100 µm in diameter
- colonies are covered by a sharply defined gelatinuous sheat
- cells in the colonies are separated from each other
- higly refractive spherules scattered in the cells

No drawings from previous authors available.

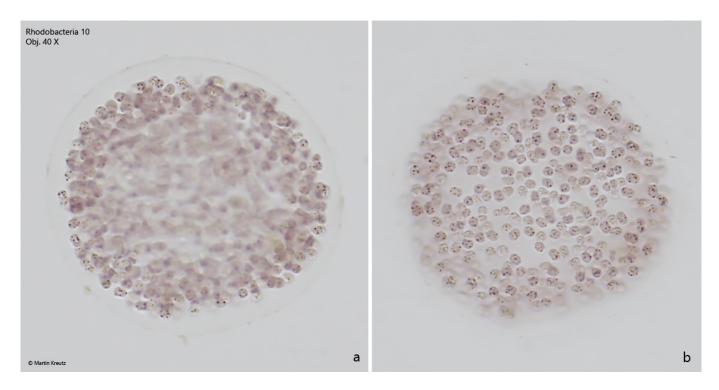


Fig. 1: Rhodobacteria 10. L = 3.4 – 3.9 μm . A slightly squashed colonie in brightfield illumination. All cells are separated from each other. Obj. $40~\mathrm{X}$.

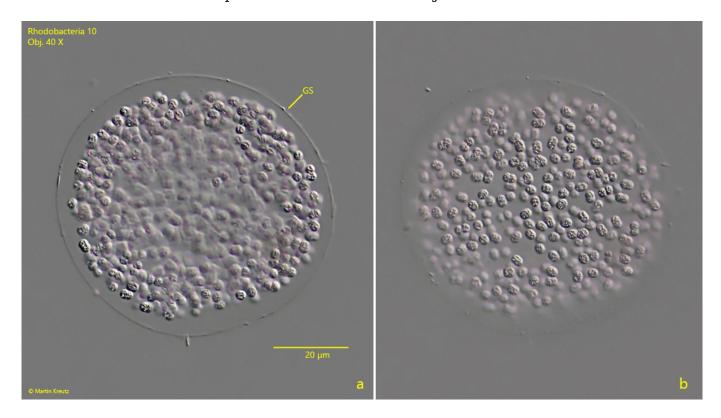


Fig. 2: Rhodobacteria 10. $L = 3.4 - 3.9 \mu m$. The same colony shown in fig. 1 but in DIC. Not the sharply defined gelatinuous sheat (GS). Obj. 40 X.

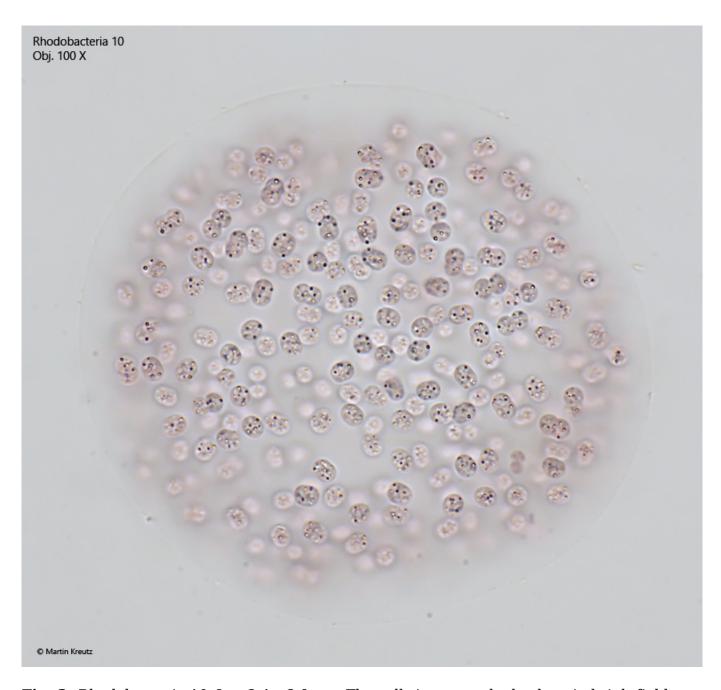


Fig. 3: Rhodobacteria 10. L = 3.4 – 3.9 µm. The cells in a squashed colony in brightfield illumination. The cells are slightly pink colored. Obj. $100\ X$.

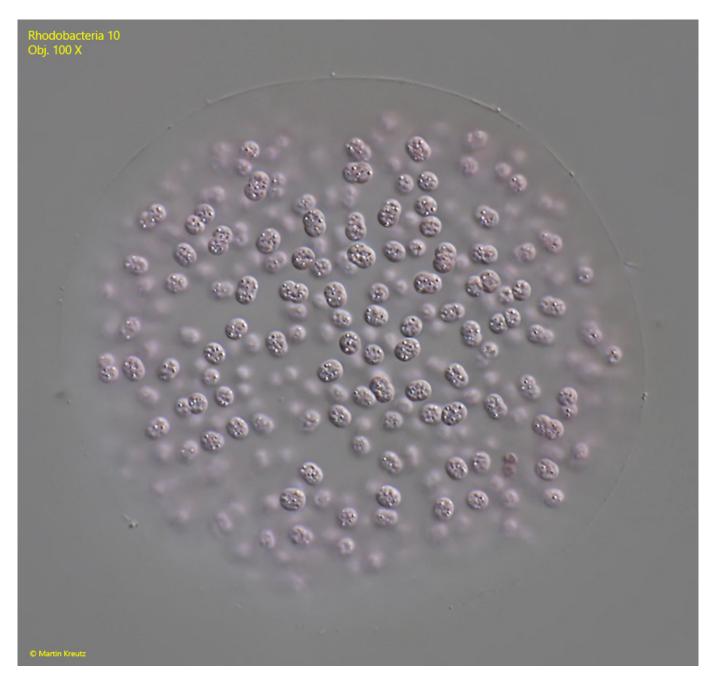


Fig. 4: Rhodobacteria 10. L = 3.4 - 3.9 μm . The same colony shown in fig. 3 but in DIC. Obj. 100 X.

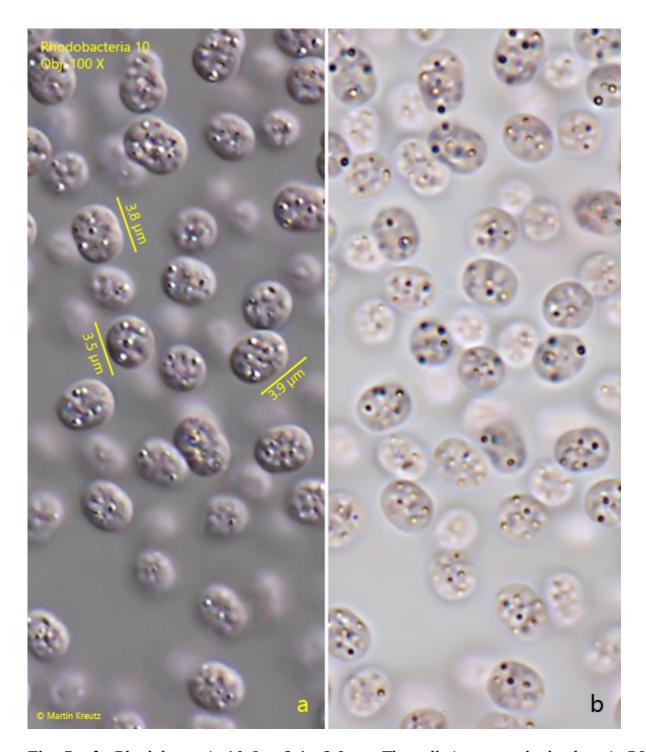


Fig. 5 a-b: Rhodobacteria 10. $L=3.4-3.9~\mu m$. The cells in a squashed colony in DIC (a) and brightfield illumination (b). Note the highly refracive spherules scattered in the cells. Obj. 100 X.