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.

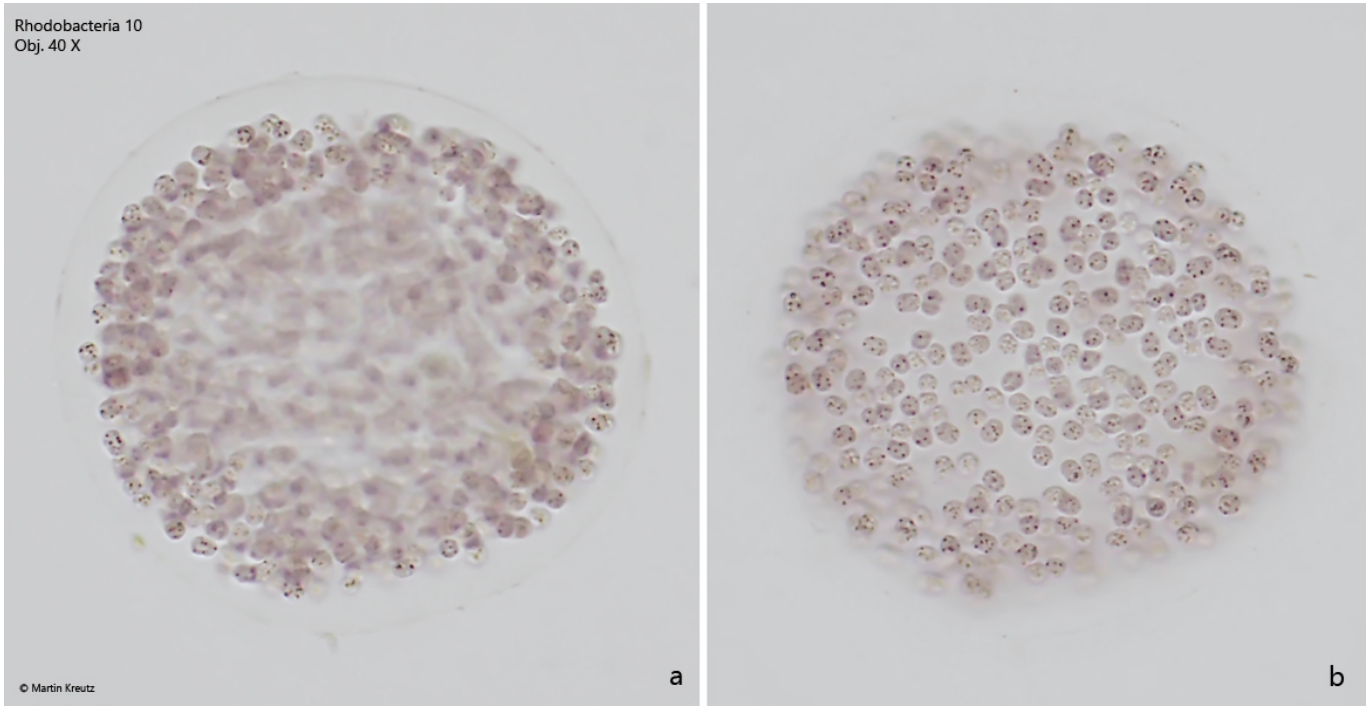

Fig. 1: *Rhodobacteria 10*. L = 3.4 – 3.9 µm. A slightly squashed colonie in brightfield illumination. All cells are separated from each other. Obj. 40 X.

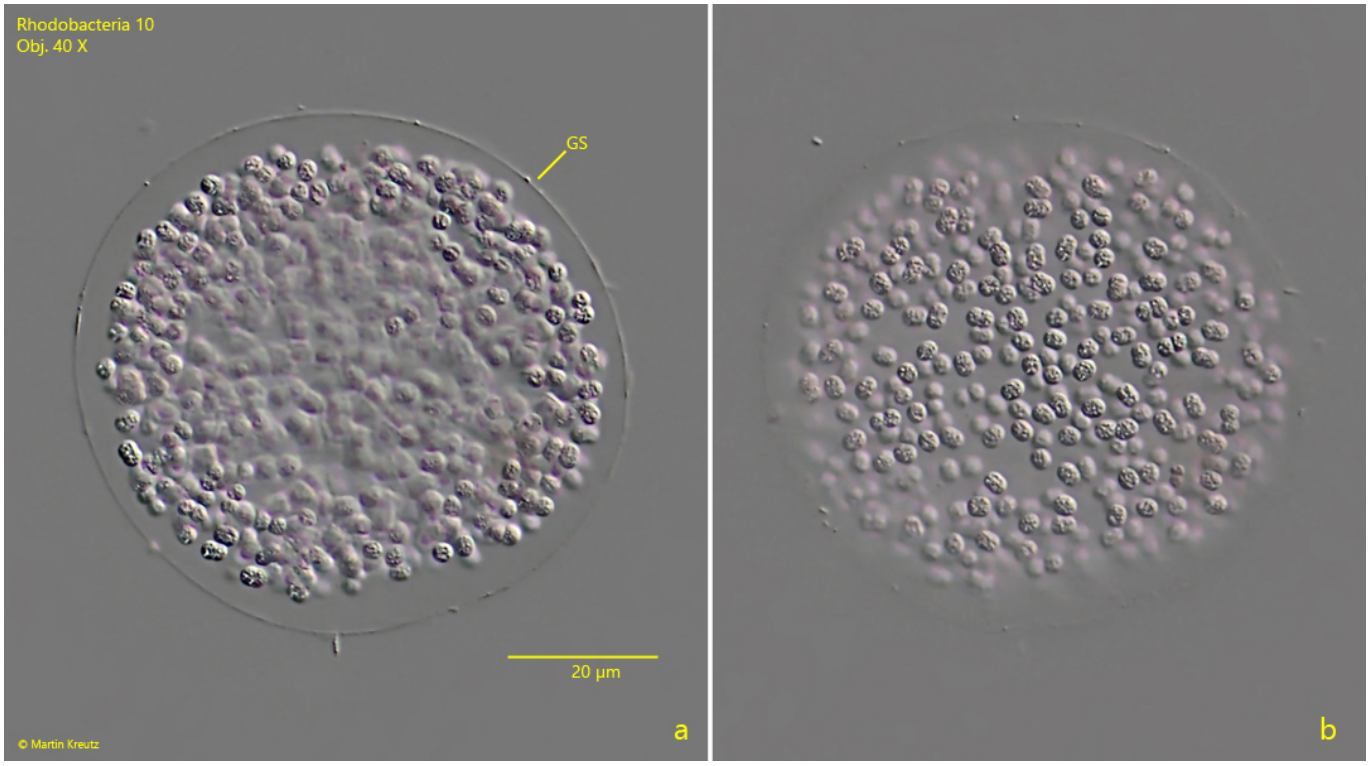

Fig. 2: *Rhodobacteria 10*. L = 3.4 – 3.9 µm. The same colony shown in fig. 1 but in DIC. Not the sharply defined gelatinuous sheat (GS). Obj. 40 X.

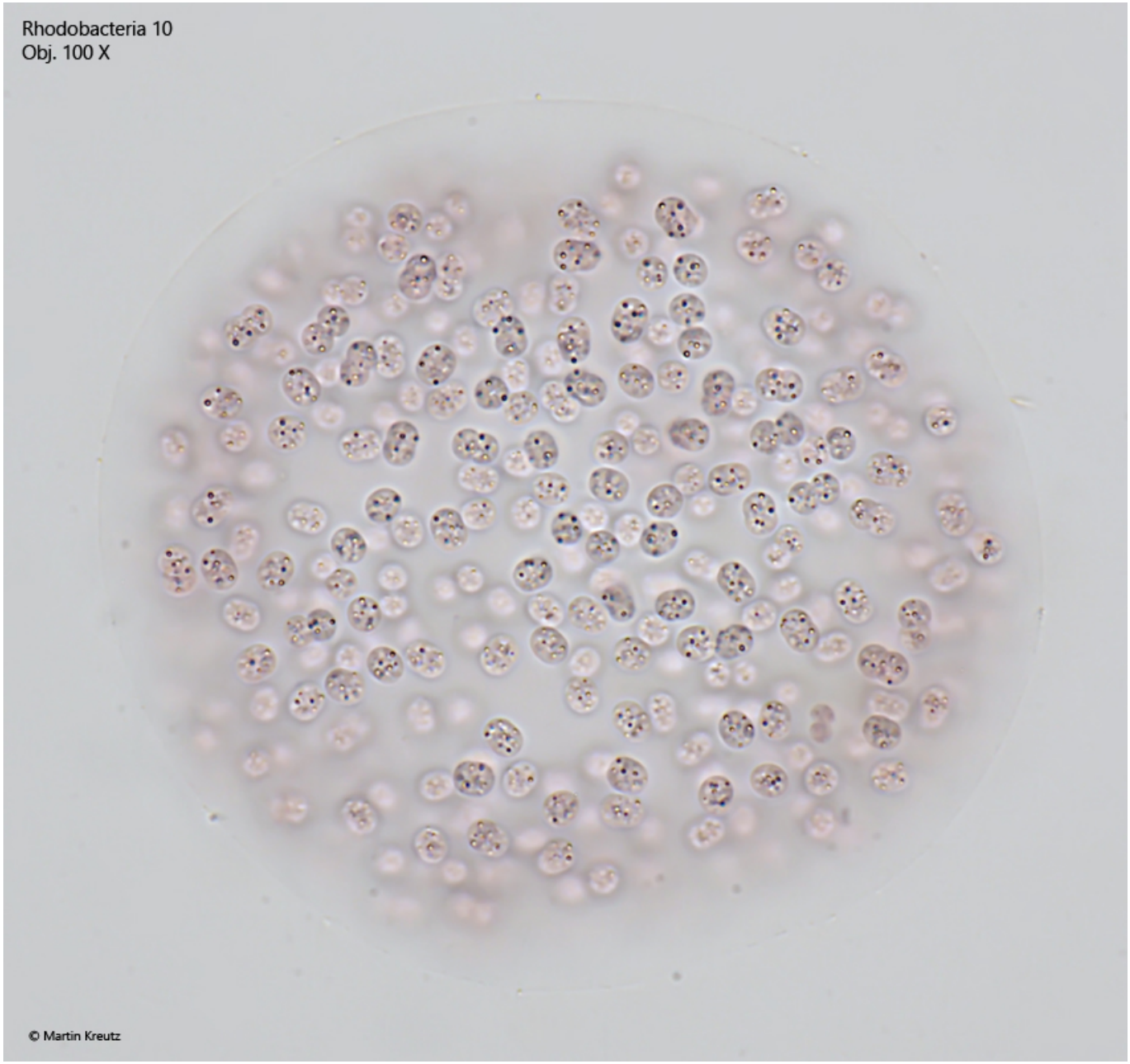

Fig. 3: *Rhodobacteria 10*. L = 3.4 – 3.9 µm. The cells in a squashed colony in brightfield illumination. The cells are slightly pink colored. Obj. 100 X.

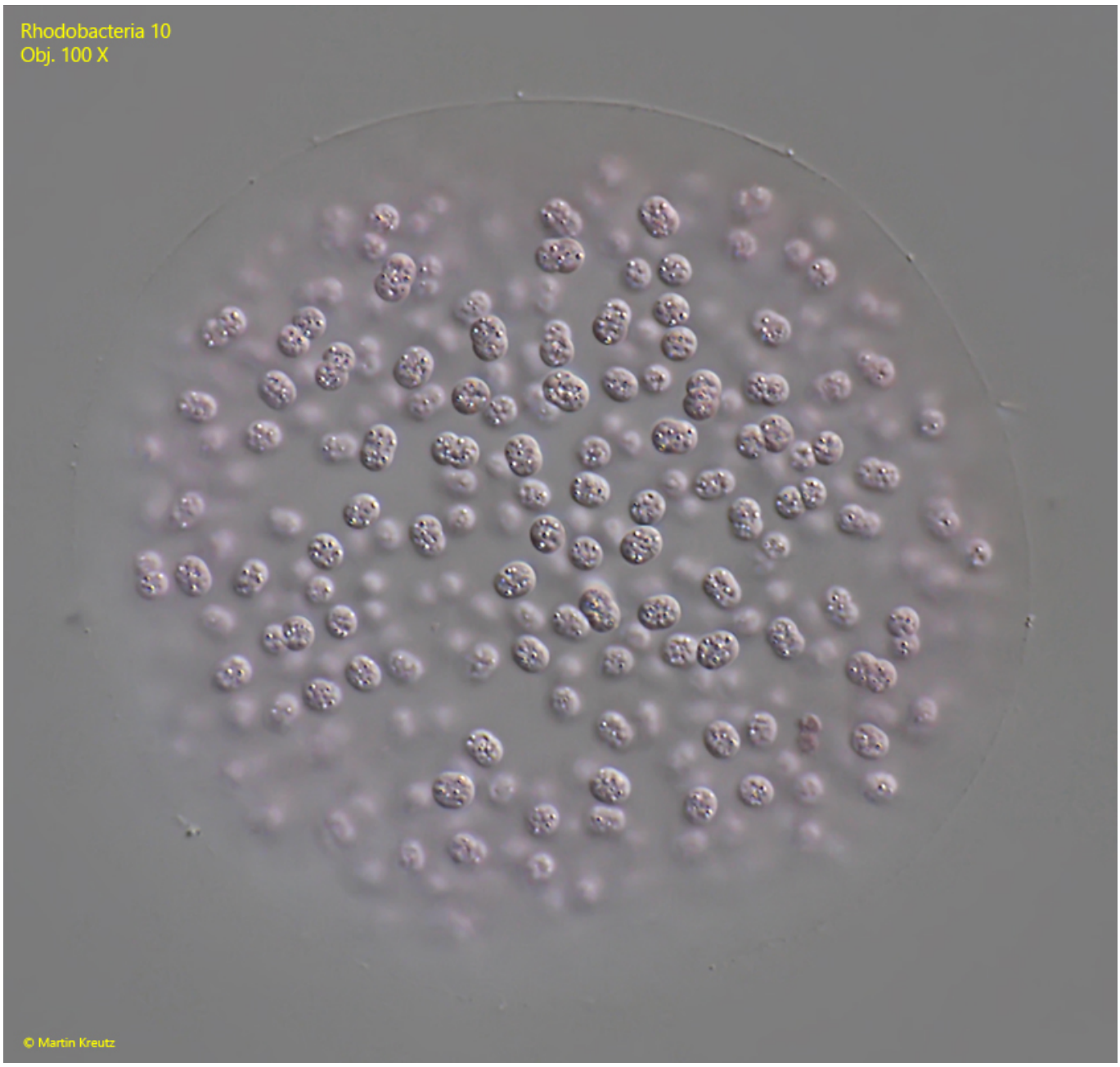

Fig. 4: *Rhodobacteria 10*. L = 3.4 – 3.9 µm. The same colony shown in fig. 3 but in DIC. Obj. 100 X.

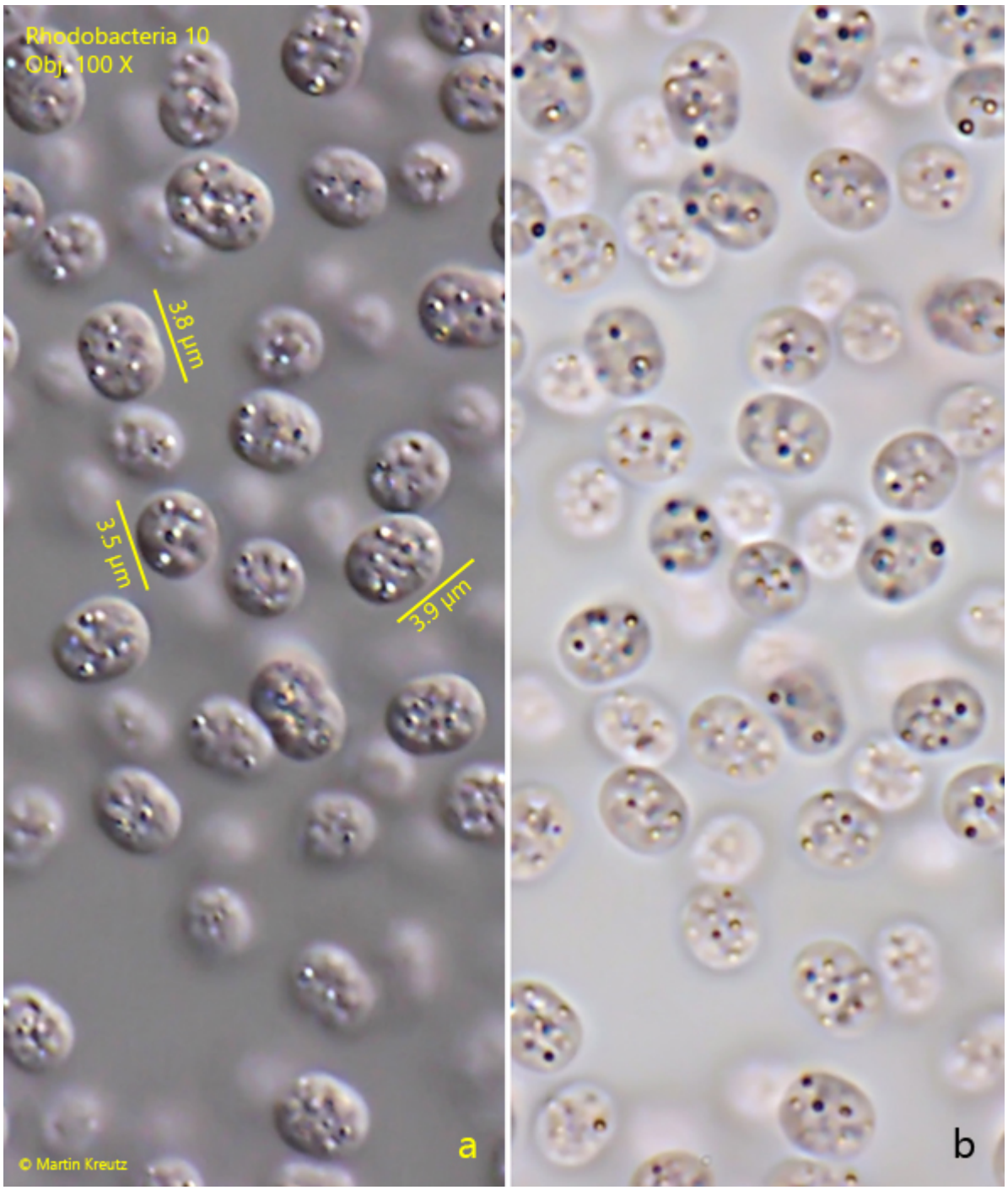

Fig. 5 a-b: *Rhodobacteria 10*. L = 3.4 – 3.9 µm. The cells in a squashed colony in DIC (a) and brightfield illumination (b). Note the highly refracive spherules scattered in the cells. Obj. 100 X.