

Discrimination of *Tilletia controversa* from the *T. caries* / *T. laevis* complex by MALDI-TOF MS analysis of teliospores

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Supplementary Information

Fig. S1 Scatterplot of a discriminant analysis of principal components (DAPC) performed with each nine single MALDI-TOF mass spectra per specimen using teliospores from 69 *Tilletia* specimens. Group 5 includes two specimens of *T. indica* (outgroup). Group 3 mainly includes *T. controversa* specimens while common bunt specimens are distributed among group 1, 2, and 4

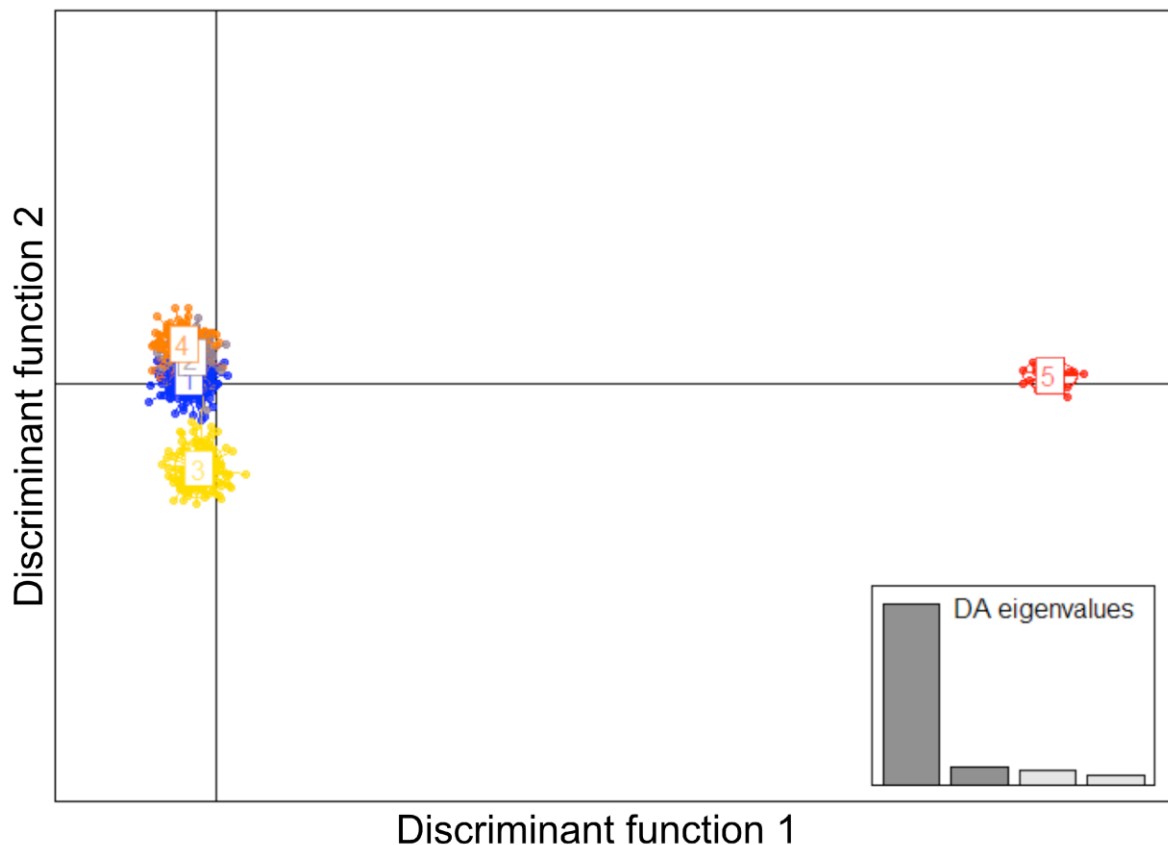


Fig. S2 Pairwise discriminant analysis of principal components (DAPC) performed with single MALDI-TOF mass spectra of the 52 *Tilletia* species included in the corresponding DAPC group (reference specimens, Figure 4a). Visualization of the major peaks crucial for the separation of the *Tilletia* species in four groups and the individual density plot for each group pair. a) Separation of groups 1 and 2; b) separation of groups 1 and 4; c) separation of groups 1 and 3; d) separation of groups 2 and 4; e) separation of groups 2 and 3; f) separation of groups 3 and 4

