

***Microstrobilinia castrans*, a new genus and species. Supplementary material:**

Fig. S1: Isolation points from symptomatic pollen cones. Six isolates were prepared per pollen cone from (1,4) outer scales, (2,5) pollen sacs and (3,6) central axis on two locations (1,2,3) the tip of the cone and (4,5,6) the central part of the cone.

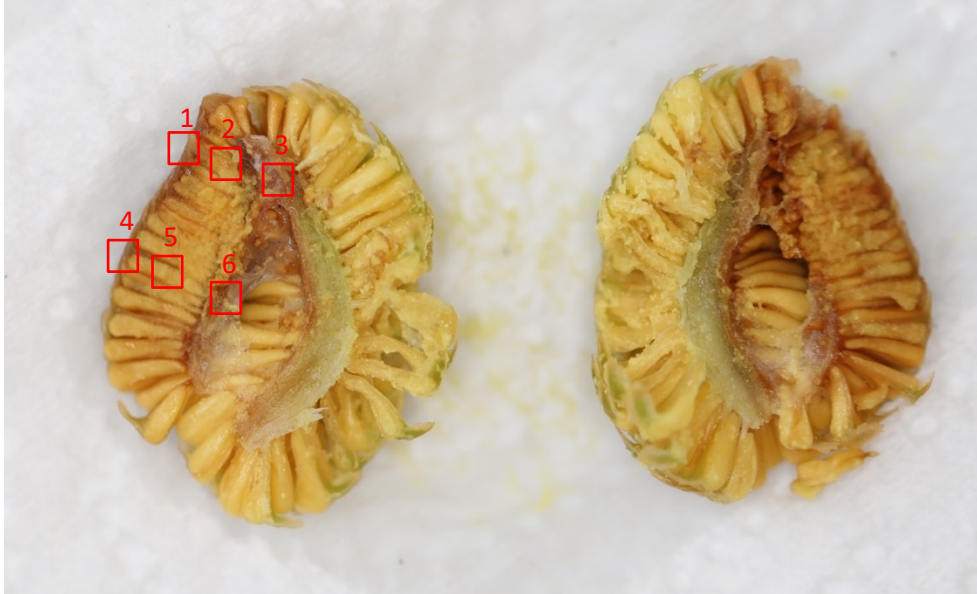


Fig. S2: **a.** All 60 isolations from healthy pollen cones remained sterile. **b.** 56 out of 60 isolates from symptomatic pollen cones were successful and revealed a single morphotype. The remaining four isolations did not reveal any fungal growth and remained sterile.

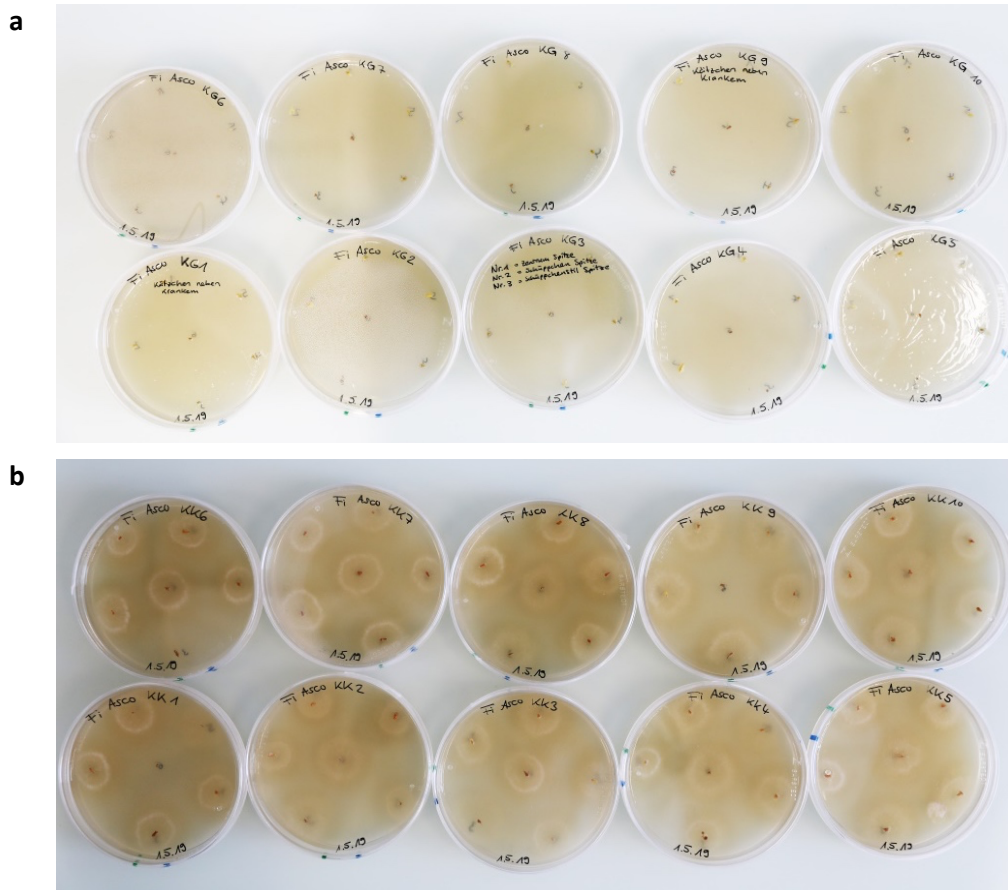
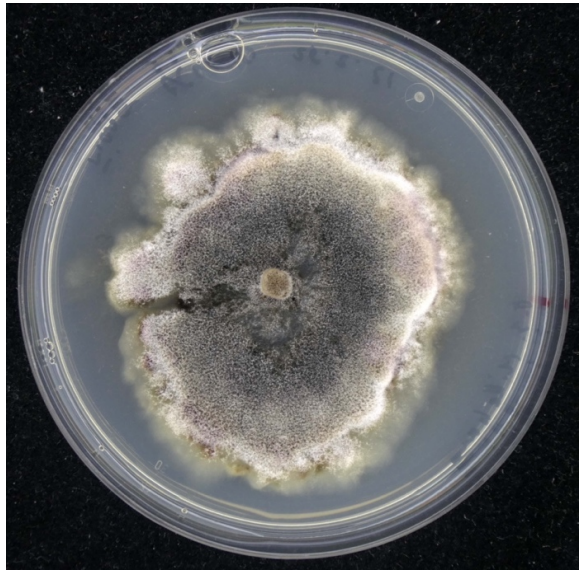
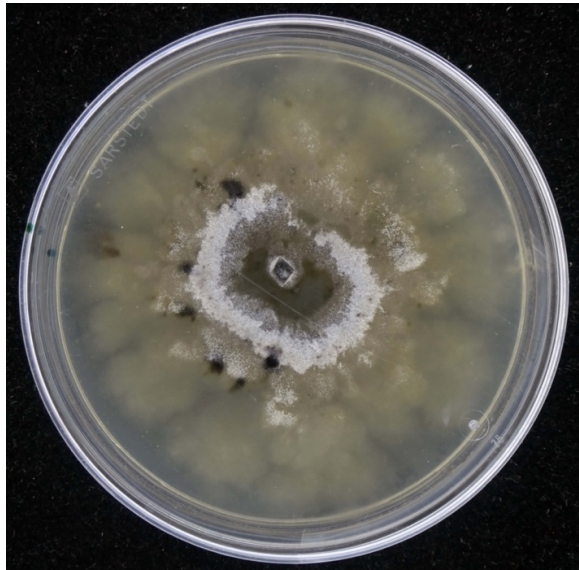


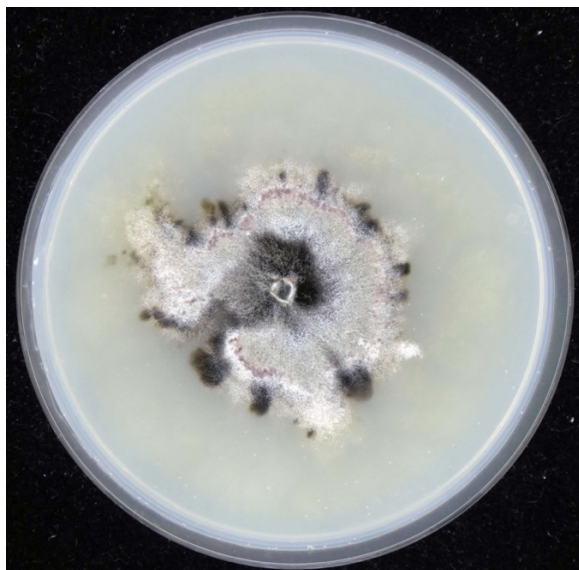
Fig. S3: Radial growth of *M. castrans* mycelia on different media (at 22° C in darkness)



a. 21d old culture on PDA



b. 21d culture on DMA



c. 21d old culture on DMA+S

Diameter of petri dishes = 9cm, abbreviations of growth media explained in Table 1