General notes on samples from 2019 inocs

Important dates: broad leaf inoculations May 12; conifer inoculations June 2. Collections happened 1-2 days before and incubations lasted 5 days. Samples processed on the 5th day.

UMCA: chlamydospore samples sat in KOH much longer and had 2 cycles of it. I believe they just got bleached and we can’t count them confidently.



PIPO: squashed the needles to count chl. None found.

LIDE: chlamydospores mostly on the surface rather than embedded.

Conifer assay: jumbled up the notes so I’m not sure which samples exactly were used for the viability tests on parp.

Control sporangia counts on back of acma page. 1 subsample count had 1 sporangia out of 8 samples with 3 subsamples.

Scribbles of conifer assay method on back of sheet in front sleeve of binder

Lesion size for conifers calculated by first taking the total area of the needles and then taking the total area of the lesion size. The total area (# pixels) column is what you care about. # of needles noted in case some of the needles were not laying flat. In those cases, just divided the area by the proportion of needles present, making it equivalent to an averaged amount of 100% there.