

Molecular Mycology: General Project Outline for Extracting and Sequencing DNA from Specimens



SELECT & PREPARE SPECIMENS

- ☐ Gather all specimens and cards
- ☐ Check that all specimens are accessioned and complete records are in MycoPortal
- ☐ Add or complete any incomplete records in MycoPortal*
- ☐ Send complete list of barcodes to Database Associate (Rick)



EXTRACT DNA

- ☐ Destructively sub-sample specimen (take tissue sample)
- ☐ Extract DNA
- ☐ Complete DNA Extractions Web Form



SEQUENCE DNA

- ☐ Sequence DNA samples
- ☐ Submit sequences to Mycoportal

*In the case a specimen from another institution is not on MycoPortal, supply specimen data directly to Database Associate in the form of an Excel spreadsheet

ALL STEPS ARE REQUIRED AND MUST BE COMPLETED IN ORDER