

**MATERIAL TRANSFER AGREEMENT  
FOR DESTRUCTIVE SAMPLING FROM HERBARIUM SPECIMENS FOR DNA**

The Missouri Botanical Garden releases material from its herbarium collection for destructive sampling for DNA only under specific conditions and in support of appropriate systematic research projects. Samples taken from herbarium specimens are to be used solely for the purpose of supporting molecular phylogenetics and will be released only for the study of relationships between plants or for studies aimed at improving our understanding of evolutionary mechanisms. Samples will not be made available for bioprospecting endeavors, screening for genes of interest in agricultural or applied research, or any other potential commercial application.

The investigator must have made a diligent and good faith effort to obtain appropriate material for extraction from other sources (field collections, horticultural sources, other herbaria, etc.).

The investigator must have enough experience with the laboratory techniques and the characteristics of their group to insure that there is a reasonable probability of successfully extracting useable DNA from the sampled material.

As a condition of release for any samples from herbarium material, each applicant agrees to abide by the conditions stated in the paragraphs above and also agrees to:

- 1) Obtain approval in advance to pass either material provided by the Garden or extracted DNA to third parties. This action will be accomplished by completing a new material transfer agreement with the third party approved by the Curator of the Herbarium.
- 2) Acknowledge both the Missouri Botanical Garden and each individual collector of material provided in each publication in which data is used.
- 3) Provide the Garden with reprints from all resultant publications.
- 4) Publish jointly with Garden staff members or their collaborators whenever appropriate.
- 5) Register DNA sequences with GenBank/EMBL accession numbers.
- 6) Acknowledge that the material is provided by the Garden without any warranty of any kind whatsoever.
- 7) Comply with these specific sampling requirements:
  1. Only material in the fragment packets may be used.
  2. Only the minimum amount of material needed may be taken.

3. Only one or two specimens per taxon may be sampled.
4. A given specimen may not be sampled a second time.
5. Sampling is restricted to non-type specimens.
6. Sampling is only allowed from the most recent collections, i.e. those collected since the 1960's.
7. Any sampled specimen must be clearly annotated with what material was removed, by whom, their institution and for what purpose.

Exceptions may be made to this policy in specific instances, but will only be granted after thorough review by the Curator of the Herbarium at the Missouri Botanical Garden.

The Missouri Botanical Garden reserves the right to refuse to provide samples from the herbarium material in its care for any reason, at its sole discretion.

I certify that I have read and understand the above restrictions and agree that I will conform to all of the regulations of the Missouri Botanical Garden.

Printed Name \_\_\_\_\_

Institution name and acronym \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Please provide the following information for each specimen to be sampled on a separate list:

Family Name, Taxon Name, Country, Collector & number, Collection Date, Specimen Accession number

Send the completed MTA and specimen list to:

Curator of the Herbarium  
Missouri Botanical Garden  
P.O. Box 299, St. Louis,  
Missouri 63166-0299, USA  
Fax: (314) 577-0820