



# AEROBIOLOGY INSTRUCTION AND RESEARCH, LLC

## Inventory of Pollen and Spore Reference Slides

as of 1 Aug 2014

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U.S.A.

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Indicate the slides desired by placing a check in the box before the species name. Send this form along with the Order Form

If you do not know what types are common in your area and would like us to select pollen types for you, indicate so by writing the number of slides desired in the box:

Qty	Latin name	Common name
	<i>Acacia sp.</i>	acacia
	<i>Acer negundo</i>	box elder
	<i>Acer rubrum</i>	red maple
	<i>Acer saccharinum</i>	silver maple
	<i>Acer saccharum</i>	sugar maple
	<i>Abies concolor</i>	white fir
	<i>Ailanthus altissima</i>	tree of heaven
	<i>Alnus rubra &amp; rugosa</i>	alder mix
	<i>Alnus sinuata</i>	sitka alder
	<i>Ambrosia artemisiifolia</i>	common ragweed
	<i>Ambrosia trifida</i>	giant ragweed
	<i>Ambrosia artemisiifolia and trifida</i>	ragweed mix
	<i>Arecastrum romanzoffianum</i>	queen palm
	<i>Artemisia tridentata</i>	sagebrush
	<i>Artemisia pycnocephala</i>	sage
	<i>Baccharis sarothroides</i>	Western baccharis
	<i>Betula lenta, nigra &amp; populifolia</i>	birch mix
	<i>Betula lenta</i>	sweet birch
	<i>Betula lutea</i>	yellow birch
	<i>Betula papyrifera</i>	white birch
	<i>Brassica spp.</i>	mustard
	<i>Cannabis sativa</i>	hemp
	<i>Casuarina equisetifolia</i>	Australian pine, beefwood
	<i>Carpinus caroliniana</i>	blue beech
	<i>Carya laciniosa</i>	shellbark hickory
	<i>Celtis occidentalis</i>	hackberry
	<i>Cercidium floridum</i>	palo verde
	<i>Chenopodium album</i>	lamb's quarters
	<i>Chenopodium botrys</i>	wormseed
	<i>Cornus florida</i>	flowering dogwood
	<i>Corylus americana</i>	American hazelnut

	<i>Corylus avellana</i>	European filbert
	<i>Dactylis glomerata</i>	orchard grass
	<i>Elaeagnus angustifolia</i>	Russian olive
	<i>Eucalyptus globulus</i>	eucalyptus
	<i>Eupatorium capillifolium</i>	dog fennel
	<i>Fagus grandifolia</i>	American beech
	<i>Forsythia sp.</i>	forsythia
	<i>Fraxinus americana</i>	white ash
	<i>Fraxinus pennsylvanica &amp; americana</i>	ash mix
	<i>Iva annua</i>	marsh elder
	<i>Juglans nigra</i>	black walnut
	<i>Juglans regia</i>	English walnut
	<i>Juniperus ashei</i>	mountain cedar
	<i>Juniperus scopulorum</i>	rocky mountain juniper
	<i>Laportea canadensis</i>	wood nettle
	<i>Ligustrum sp.</i>	privet
	<i>Liquidambar styraciflua</i>	sweet gum
	<i>Maclura pomifera</i>	osage orange
	<i>Malus pumila</i>	apple
	<i>Morus alba</i>	white mulberry
	<i>Morus rubra</i>	red mulberry
	<i>Myrica cerifera</i>	bayberry
	<i>Olea europaea</i>	olive
	<i>Parietaria judaica</i>	pellitory
	<i>Phleum pratense</i>	Timothy grass
	<i>Picea pungens</i>	Colorado blue spruce
	<i>Pinus strobus</i>	white pine
	<i>Pinus canariensis</i>	canary pine
	<i>Plantago lanceolata</i>	English plantain
	<i>Platanus sp.</i>	sycamore
	<i>Populus deltoides</i>	poplar
	<i>Populus nigra &amp; rubrum</i>	poplar mix
	<i>Populus tremuloides</i>	trembling aspen
	<i>Prosopis glandulosa</i>	mesquite
	<i>Quercus velutina, rubra &amp; alba</i>	oak mix
	<i>Ricinus communis</i>	castor bean
	<i>Robinia pseudoacacia</i>	black locust
	<i>Rosa spp.</i>	rose
	<i>Rumex acetosella</i>	red/sheep sorrel
	<i>Sarcobatus vermiculatus</i>	greasewood
	<i>Salix discolor</i>	pussy willow
	<i>Tamarix gallica</i>	salt cedar
	<i>Tilia cordata</i>	European linden
	<i>Tsuga canadensis</i>	hemlock
	<i>Typha latifolia</i>	cattail
	<i>Ulmus americana</i>	American elm
	<i>Ulmus crassifolia</i>	cedar elm
	<i>Urtica dioica</i>	nettle
	<i>Xanthium strumarium</i>	cocklebur

## Inventory of Spore Reference Slides

Qty	Name	Qty	Name
	<b>Ascospores</b>		<b>Basidiospores (continued)</b>
	<i>Xylaria polymorpha</i>		<i>Pholiota squarrosoides</i>
	<i>Peziza vesiculosa</i>		<i>Pleurotus sp.</i>
			<i>Pleurotus ostreatus</i>
	<b>Basidiospores</b>		<i>Pluteus sp.</i>
	<i>Agaricus placomyces</i>		<i>Pluteus cervinus</i>
	<i>Agaricus sp.</i>		<i>Rhodophyllus abortivus</i>
	<i>Amanita citrina</i>		<i>Russula sp.</i>
	<i>Amanita fulva</i>		<i>Russula fragilis</i>
	<i>Amanita muscaria</i>		<i>Suillus granulatus</i>
	<i>Amanita rubescens</i>		<i>Suillus luteus</i>
	<i>Armillariella mellea (Armillaria)</i>		<i>Thelebolus sp.</i>
	<i>Boletus pallidus</i>		<i>Tricholoma sp.</i>
	<i>Clitocybe clavipes</i>		<i>Tricholoma album</i>
	<i>Clitocybe illudens</i>		<i>Tricholoma terreum</i>
	<i>Clitocybe robusta</i>		<i>Tricholomopsis rutilans</i>
	<i>Collybia dryophila</i>		<i>Tylopilus rubro-brunneus</i>
	<i>Coprinus comatus</i>		
	<i>Coprinus sp.</i>		<b>Basidiospores – puffballs</b>
	<i>Cortinarius cinnamomeus</i>		<i>Calvatia booniana</i>
	<i>Cortinarius iodes</i>		<i>Calvatia gigantia</i>
	<i>Cortinarius luteus</i>		<i>Lycoperdon perlatum (or L. gemmatum)</i>
	<i>Cortinarius sp.</i>		<i>Lycoperdon pyriforme</i>
	<i>Entoloma abortiva</i>		<i>Scleroderma aurantium</i>
	<i>Favolus alveolaris</i>		
	<i>Ganoderma sp.</i>		<b>Basidiomycetes - smut spores</b>
	<i>Grifola frondosa</i>		<i>Ustilago atriculosa</i>
	<i>Gymnopilus junonius</i>		<i>Ustilago bullata</i>
	<i>Hygorphorus sp.</i>		<i>Ustilago tritici</i>
	<i>Hygrophorus russula</i>		
	<i>Inocybe sp.</i>		<b>Anamorphic fungi</b>
	<i>Laccaria laccata</i>		<i>Alternaria alternata</i>
	<i>Laccaria ochropurpurea</i>		<i>Aspergillus niger</i>
	<i>Lactarius rufus</i>		<i>Botrytis sp.</i>
	<i>Lepista nuda</i>		<i>Cladosporium sp.</i>
	<i>Leucoagaricus naucinus</i>		<i>Epicoccum nigrum</i>
	<i>Leucopaxillus sp.</i>		<i>Penicillium sp.</i>
	<i>Lycogala sp.</i>		<i>Pithomyces sp.</i>
	<i>Marasmius sp.</i>		<i>Stachybotrys chartarum</i>
	<i>Mycena galericulata</i>		
	<i>Mycena sp.</i>		<b>Myxomycetes - slime molds</b>
	<i>Mycenastrum sp.</i>		<i>Fuligo septica</i>
	<i>Naematoloma (or Hypholoma)</i>		<i>Stemonitis sp.</i>
	<i>Panaeolus sp.</i>		
	<i>Panella sp.</i>		
	<i>Paxillus atrotomentosus</i>		Some spore types are not always available.
	<i>Paxillus involutus</i>		



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## Pollen and Spore Reference Slides Order Form and Price List as of 1 Feb 2012

### Prices:

Single slide	\$ 4.25 ea
Quantity discount (3 or more slides)	\$ 4.00 ea
Set of 25 slides	\$95.00 per set
Plastic slide box for 25 microslides	\$ 8.00 per box

Prices do not include shipping and handling; see table below

Number of slides ordered \_\_\_\_\_ Slide cost \$ \_\_\_\_\_  
 Slide box cost \$ \_\_\_\_\_  
 Shipping/Handling \$ \_\_\_\_\_  
 Total Enclosed \$ \_\_\_\_\_

Send pollen and spore check list (indicating quantity of each slide desired) along with this order form and check (include S&H charges) payable to :

**Aerobiology Instruction and Research, LLC  
P.O. Box 45  
Amherst, MA 01004-0045**

### Shipping and Handling Charges

# slides ordered	S&H Charge
1-5	\$5.00
6-25	\$5.50
25+	\$6.50

### Ship to:

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State/Prov: \_\_\_\_\_  
 Postal Code, Country: \_\_\_\_\_