

List of slides, Spores and other microscopic features ... By Dr. Sam Ristich

- 01, *Panaeolus cyanescens*, developing basidium
- 02, *Collybia radicata* = *Xerula radicata*, gill section 1500X, 4 spore groups on basidia
- 03, *Pseudohydnum gelatinosum*, basidia
- 04, *Dacrymyces palmatus*, basidia
- 05, *Oudemansiella radicata* = *Xerula radica*. spores 1500X, in Melzer, (15-15x10-11 μ)
- 06, *Amanita inaurata* = *Amanita ceciliae*, spores in Melzer, non amyloid
- 07, *Amanita* section *lepidella*, spores
- 08, *Pholiota* spores in KOH
- 09, *Ramaria stricta*, spores
- 10, *Marasmius oreades*, spores 1500X, in water, (7-9x5-6 μ)
- 11, *Gomphidius flavipes* + *Chroogomphus flavipes*, spores
- 12, *Panaeolus foenicisii*, spores in H₂SO₄ at 1500X, no color change, (15-16x8 μ)
- 13, *Psathyrella velutina*, warted spores, 1500X in KOH, (11-12x7-8 μ)
- 14, *Boletus chrysenteroides*, spores at 1500X
- 15, *Boletellus russellii*, ridges on spores, 1500X
- 16, *Hydnum underwoodii* = *Sarcodon*, spores SEM
- 17, *Ramaria* sp, spores SEM
- 18, *Ramariopsis kunzei*, spores SEM
- 19, *Laccaria* sp, spores in KOH, (8-10x8-9 μ)
- 20, *Calvatia cyathiformis*, spores SEM
- 21, *Bovista pila*, spores SEM
- 22, *Astraeus hygrometricus*, spores SEM
- 23, *Calostoma lutescens*, spores SEM
- 24, *Lepiota procera* = *Macrolepiota procera* var *procera*, spores in KOH, 1500X, (15-17x11-12 μ)
- 25, *Lepiota procera* = *Macrolepiota procera* var *procera*, dextrinoid spores in Melzer, 1500X, (15-20x12-15 μ)
- 26, *Lepiota rachodes* = *Chlorophyllum rhacodes*, subfusiform spores in KOH, (8-9x3.5-4 μ)
- 27, *Lepiota rachodes* = *Chlorophyllum rhacodes*, spores in Melzer, 1500X, dextrinoid, (7-8x3-3.5 μ)
- 28, *Hygrophoropsis* sp spores & 2 *Lepiota* sp spores
- 29, *Amanita volvata* spores
- 30, *Melanoleuca* sp & *Lepiota acutesquamosa* spores
- 31, *Melanoleuca* sp, spores, amyloid, decorations
- 32, *Lactarius deceptivus*, ellipsoid spores 600X, in KOH, (11-13x8-10 μ)
- 33, *Pachyella clypeata* spores
- 34, *Morchella deliciosa*, ellipsoid spores in KOH, (14.4-22.4x9.7-13.6 μ)
- 35, Morel spores, notice granules at ends
- 36, *Scutellinia scutellata*, spores, asci & paraphyses

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- 37, Geoglossum spores, asci & paraphyses
- 38, Rhizina sp, spore in KOH, 1500X
- 39, Hypomyces chrysospermus spores
- 40, Hypomyces sp, asci in phyloxine
- 41, Operculate asci, note blue reaction
- 42, Alterivaria saloni, spores, imperfect fungi
- 43, conidia
- 44, conidia
- 45, conidia
- 46, conidia
- 47, conidia
- 48, conidia
- 49, conidia
- 50, conidia
- 51, Conidia
- 52, Conidia
- 53, Spore liberation in Mucorales, fungus on mouse droppings
- 54, Spore discharge in Sordaria
- 55, Pilobolus spores
- 56, Cyathus, spore discharge
- 57, Spore discharge in Sordaria
- 58, Sordaria verruculosa, Diurnal spore discharge chart
- 59, Daldinia concentrica spore discharge
- 60, Asco (yellow) on mouse droppings
- 61, Asco (yellow) on bear dung
- 62, Phyllotopsis nidulans, spore print
- 63, Inocybe sp, spores and cystidia
- 64, Russula sp, cheilocystidia on gill edge, SEM
- 65, Trichoglossum sp, spores and long setae
- 66, Agaricus semiorbicularis = Agrocybe pediades, measuring length of spore