Oaks (Quercus) of Shaw Nature Reserve
October 2009

-- 10 fully native species
-- 8 southeastern MO/US natives introduced (at least one reproducing)
-- 2 Eurasian species introduced (one reproducing)

White oak group (Subgenus Quercus):
-- Native:
  * alba* (and one known hybrid between this and *muehlenbergii*)
  * bicolor* (and several hybrids between this and *macrocarpa* and one between this and *stellata*)
  * macrocarpa*
  * muehlenbergii*
  * stellata*

-- Introduced from elsewhere in Missouri or SE USA (apparently none reproducing):
  * lyrata*
  * michauxii*
  * montana* (likely not Missouri origin)

-- Introduced from Europe:
  * robur* (only one, at a staff residence, produces acorns that per germination results, are mostly pollinated by nearby bur oaks)

Red oak group (subgenus Erythrobalanus)

-- Native:
  * imbricaria* (and a few hybrids involving this as one parent)
  * palustris*
  * rubra*
  * shumardii var. schneckii*
  * velutina*

-- Introduced from elsewhere in Missouri or SE USA:
  * acerifolia* (only one, in WFG, Arkansas origin)
  * coccinea* (only one, at the naturalist’s residence)
  * nigra*
  * pagoda*
  * phellos* (This one is reproducing in two locations.)

Castanopsis group (Subgenus Castanopsis)

-- Introduced from Asia
  * acutissima* (reproducing near and inside southwest corner of nursery)

James C. Trager, Ph. D.
Biologist - Naturalist
Shaw Nature Reserve