Categorization of pores in sedimentary rocks I

**Primary intergranular porosity**
Original pore space between grains (e.g. between siliciclastic sand grains, or between ooids or bioclasts)

**Secondary intergranular porosity**
Porosity left by dissolution of intergranular cement

**Primary intragranular porosity**
Original pore space within grains, as in snail shells, foram tests, etc.

**Secondary intragranular porosity**
Porosity left by dissolution of grains (feldspars, aragonitic fossils) (“moldic” when complete)

*In the discussion of sedimentary rocks, “grains” include siliciclastic grains, fossils, ooids, and pellets, and they are effectively any sedimentary depositional material distinguishable with a hand lens. (Note that igneous and perhaps metamorphic petrologists use "grain" to be nearly synonymous with "crystal". In sedimentary petrology, a grain can consist of one or many crystals, and crystals of cement are definitely not grains).