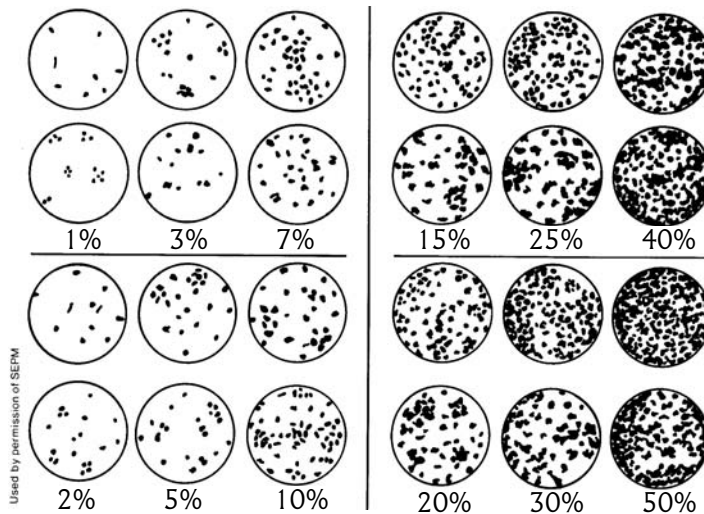
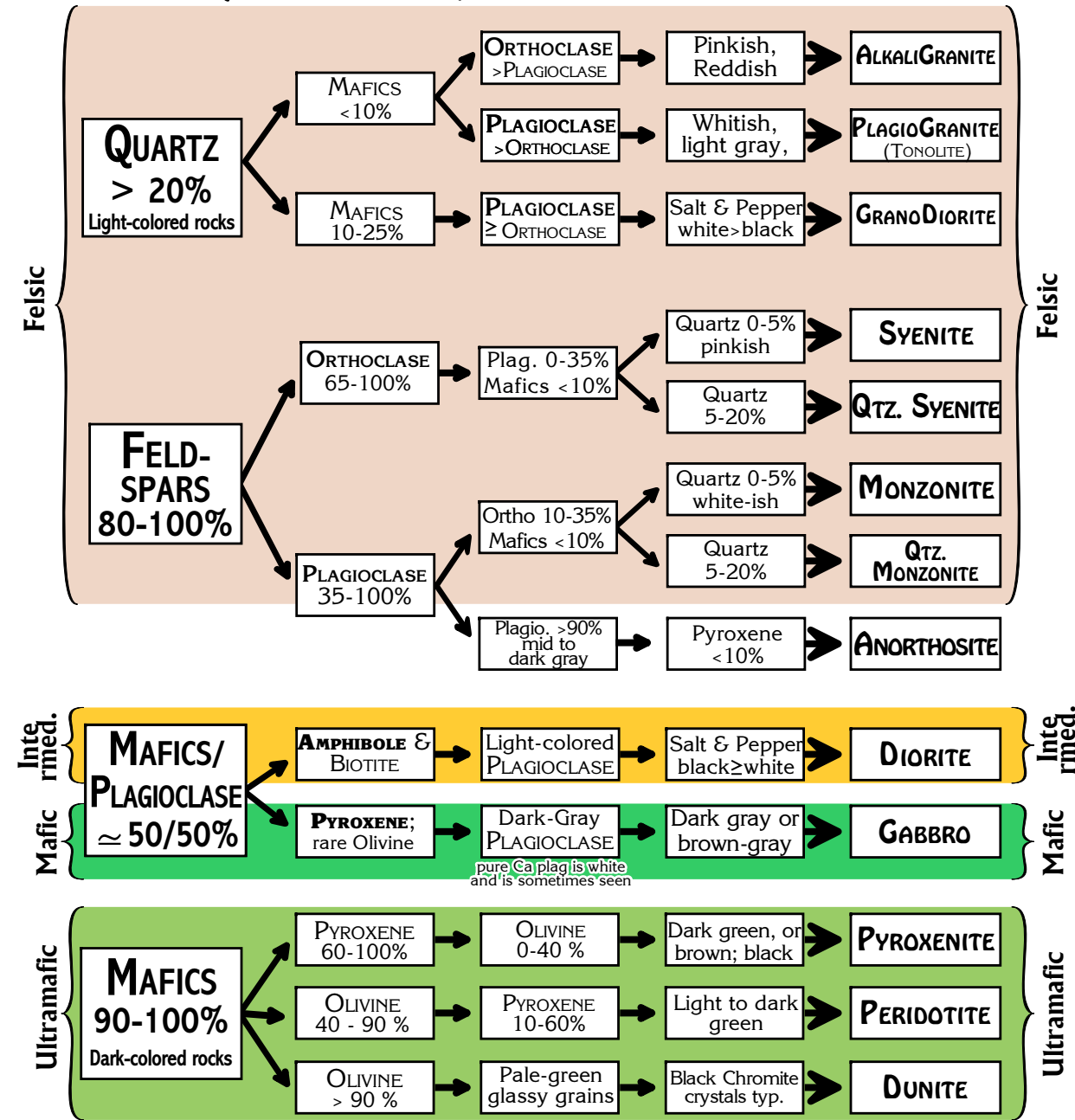


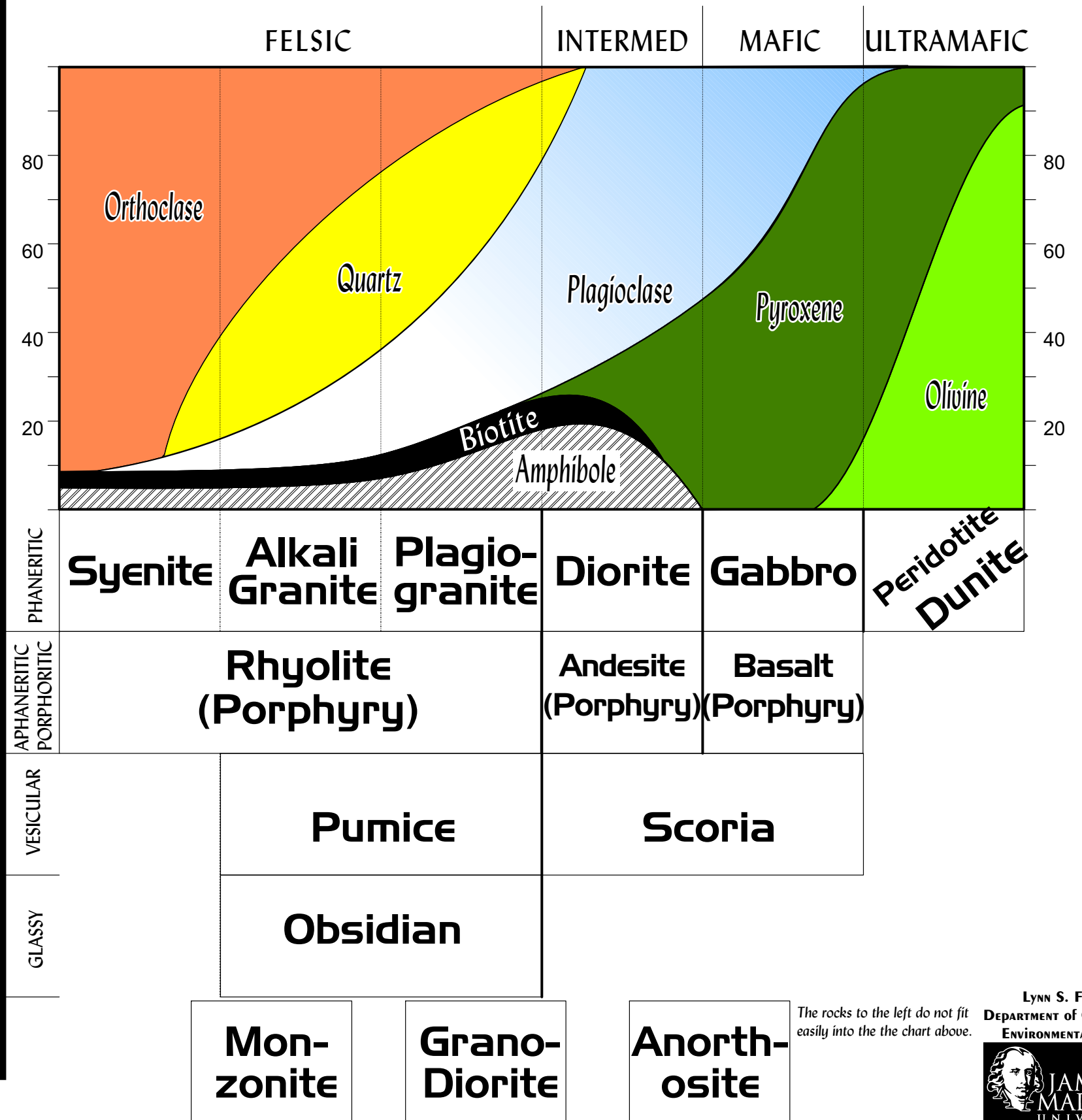
# Composition Key Phaneritic Igneous Rocks



Each circle is a view through the microscope. The entire circle represents 100%. The black areas represent various percents of the total circle, ranging from 1% to 50%. Study the rock through the microscope and compare the abundance of any particular component with these charts to get the percent abundance of the component. Observe the following:

1. A 50% abundance looks more than 50% (because the eye sees the dark areas easier than the light).
2. Begin estimates with dark or distinctively colored fragments since they are easier to see.
3. Begin estimates with less abundant fractions rather than the most abundant fractions. Small fractions are easier to pick out of the background.

# Igneous Rock Classification Based on Composition and Texture



The rocks to the left do not fit easily into the chart above.