1. Captions

Mass Ratio Distribution
Mass ratio (q) distribution of all the known VLM binary systems in the Archive with q estimates. The distribution peaks near unity for binary systems with q ratios $\gtrsim 0.6$ and projected separations $\gtrsim 3-4$ AU. While smaller q ratio binary systems have been detected, the statistics are largely incomplete due to instrument detection limits. The *shaded* bins represent the systems with ages < 10 Myr. There is a detection sensitivitiy bias towards the younger systems, however, since they are brighter. While the statistics are still small, the mass ratio distribution of younger systems suggests a distribution peaked towards smaller mass ratios than that of the older field binaries.

Separation Distribution
Log of separation (AU) distribution of all the VLM binary systems in the Archive with separation estimates; Poisson error bars are plotted. The peak of the distribution is centered near ~ 4 AU. The 5 double-lined spectroscopic binaries with unknown separations are included in the data at separations < 0.1 AU. While there is incompleteness at separations $\lesssim 3$ AU, the lack of wide binary systems $\gtrsim 45$ AU is a real feature of the distribution and not a consequence of instrument bias. The *shaded* bins represent the systems with ages < 10 Myr. There is a detection sensitivitiy bias towards the younger systems, however, since they are brighter. While the statistics are still small, the separation distribution of younger systems suggests a distribution peaked towards wider separations than that of the older field binaries.

Spectral Type Combination Distribution
Distribution of spectral type combinations taken from the Archive Table. The *shaded* bins represent the systems with ages < 10 Myr. There are a couple important selection effects present: 1) the arbitrary $0.2\,M_\odot$ cutoff results in no M dwarfs earlier than M5.5 in the Archive so M dwarfs will be under-represented, 2) instrumental sensitivity will more readily detect equal-mass systems.