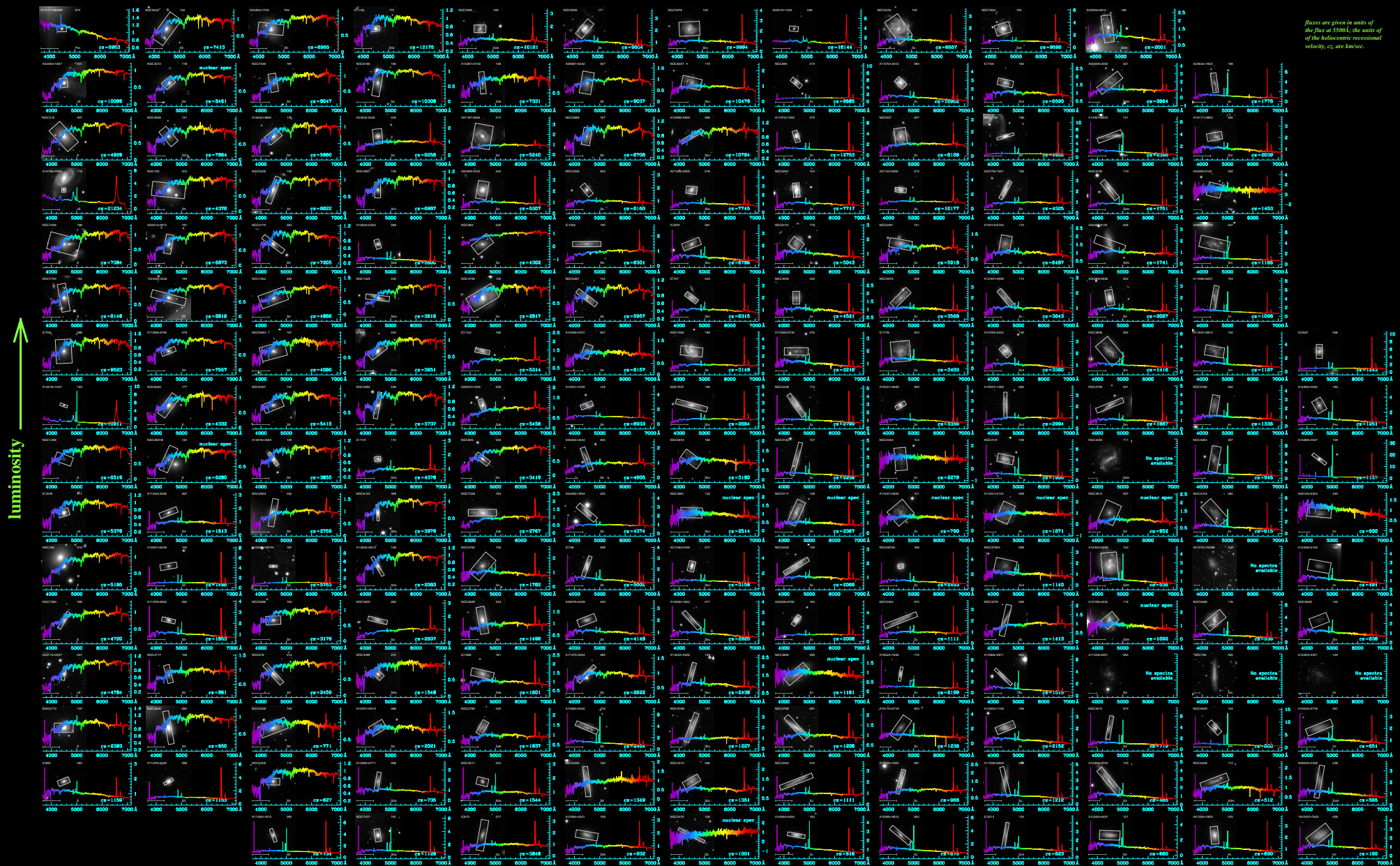
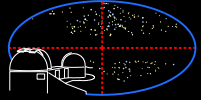


The Nearby Field Galaxy Survey, II

Spectrophotometry of a representative sample of nearby galaxies

An atlas of images and integrated spectra



↑ luminosity

→ morphological type

fluxes are given in units of the flux at 5500Å; the units of the heliocentric recession velocity, v_r , are km/sec.

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Our integrated spectra were obtained with the FAST spectrograph at the 60" telescope of the F.L. Whipple Observatory at Mt. Hopkins, AZ., by drift-scanning the spectrograph slit across the face of a galaxy. This gives the luminosity weighted integrated spectra sampled over the large apertures indicated in the images shown on this poster, while preserving the high spectral resolution of the 1" wide spectrograph slit. The images and spectra on this poster were placed from left to right in order of their morphological (Hubble) type and from top to bottom for each type in order of decreasing B-filter luminosity. In the images North is up and East is to the left. The image scale is indicated by a scale bar, 1 minute of arc in length. The light grey apertures indicate the part of the full scanned aperture that was extracted into the spectra shown. On average, these apertures encompass more than 85 per cent of the blue light contained within the optical radius of a galaxy.