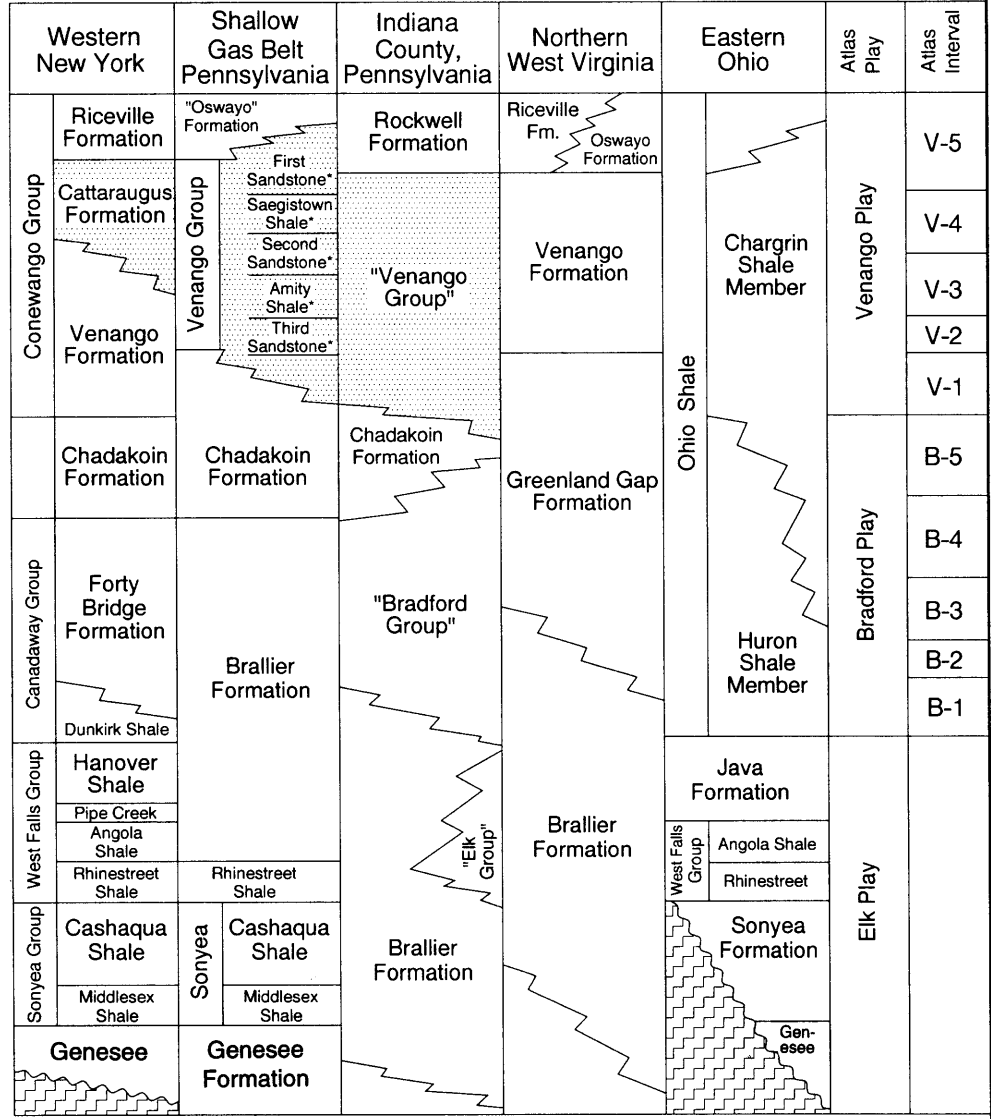
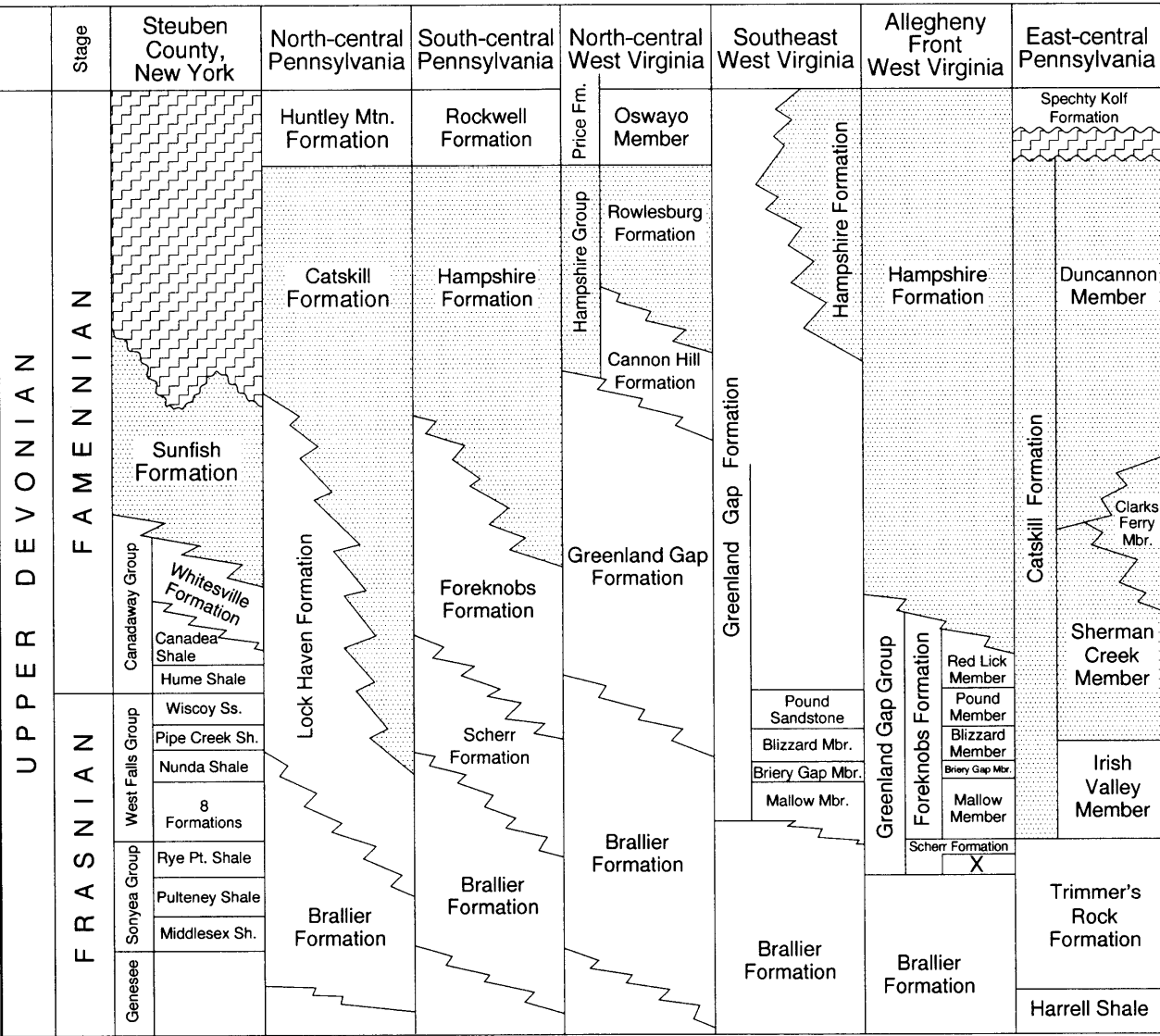


Eastern Outcrops

Subsurface



X - Minnehaha Springs Member * - Venango County Only

Red Shale Common

Figure Dvs-4. Regional lithostratigraphic nomenclature for the gas productive regions and surrounding outcrops of the Venango play. The correlation of formations to the stages is approximate and has not been consistently reported in the literature. The subsurface terminology given for the shallow gas belt in Pennsylvania and Indiana County, Pennsylvania (see Figure Dvs-2 for location) has not been formalized. The formations of the Venango Group given in the shallow gas belt column were used in numerous publications in the 1940s (see Dickey and others, 1943) but may not be traceable outside Venango County. The geographic extent of the major Venango play lithostratigraphic units is shown in Figure Dvs-13. After Boswell and others (1987) and Woodrow and others (1988).