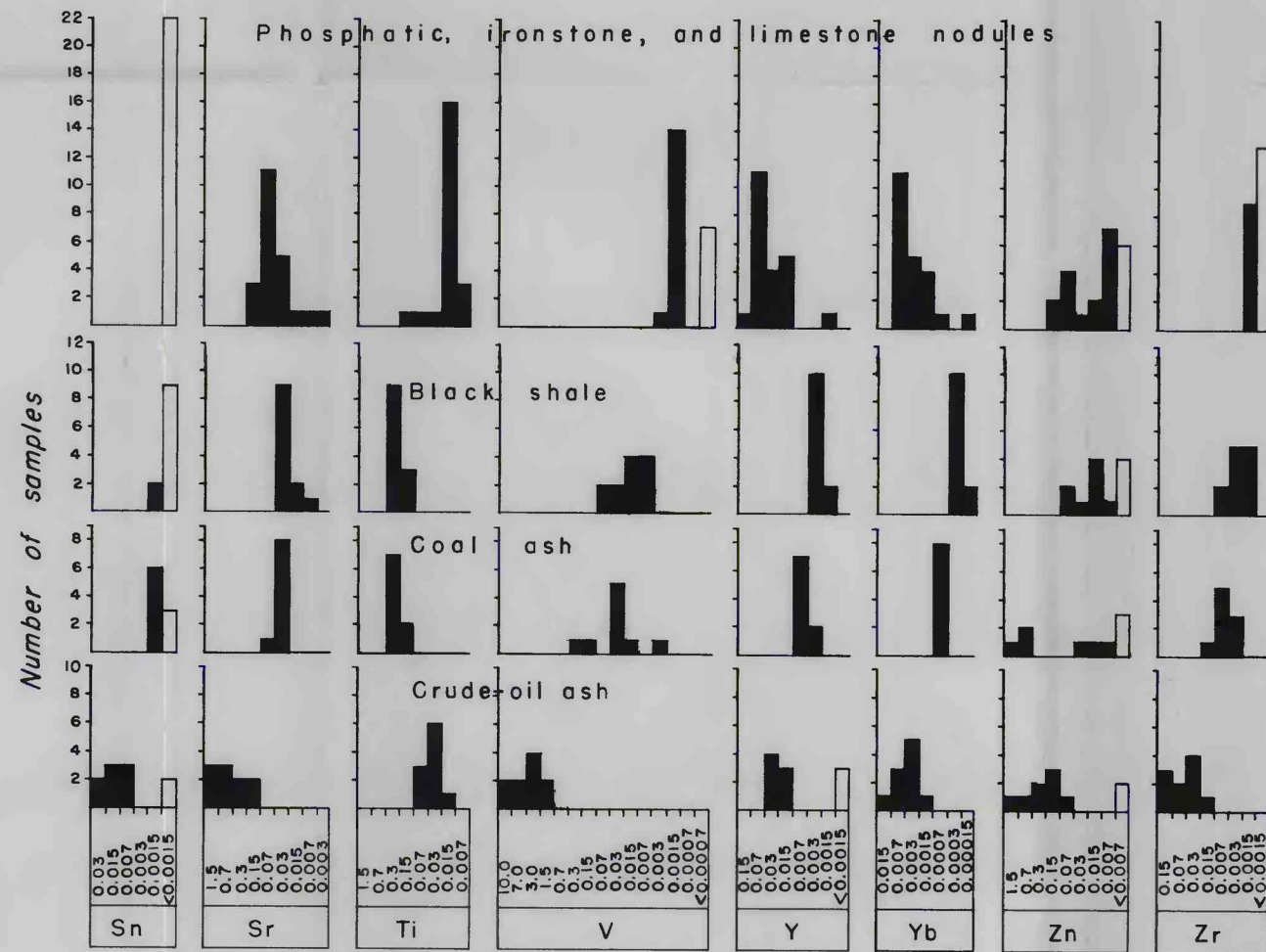


EXPLANATION

□
←0.003
Samples containing less than smallest amounts of element detectable by semiquantitative spectrography used in these analyses

■
1.5
Samples containing detectable amounts of element
Percents are given in the series 1.5, 0.7, 0.3, etc.; these are midpoint values (rounded) of percentage intervals expressed on logarithmic scales; 60 percent of the determinations are expected to lie within the intervals expressed by the midpoint values. Thus the true content of an element (60 percent probability) reported as:
1.5 percent lies between 1 and 2 percent,
0.7 percent lies between 0.5 and 1 percent,
0.3 percent lies between 0.2 and 0.5 percent

Note: Samples omitted where element was not looked for.



HISTOGRAMS OF SEMIQUANTITATIVE SPECTROGRAPHIC DATA ON 35 ELEMENTS IN SAMPLES OF PHOSPHATIC NODULES, BLACK SHALE, COAL ASH, AND CRUDE OIL ASH FROM ROCKS OF PENNSYLVANIAN AGE IN NORTHEASTERN OKLAHOMA AND SOUTHEASTERN KANSAS