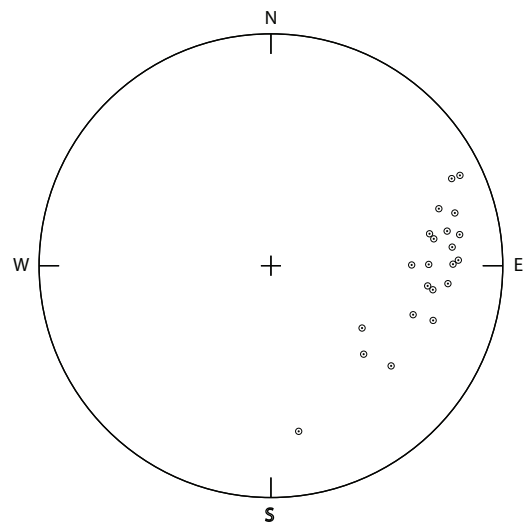
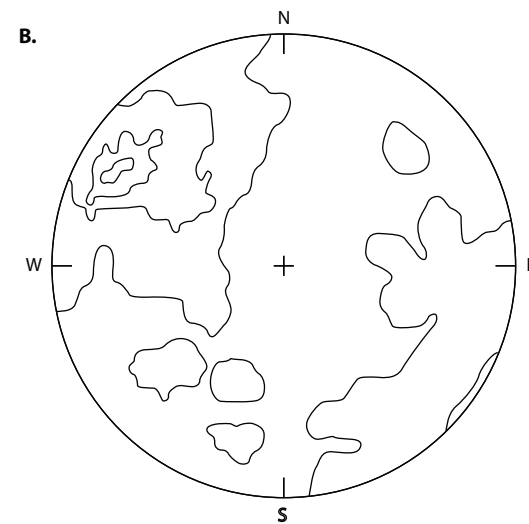
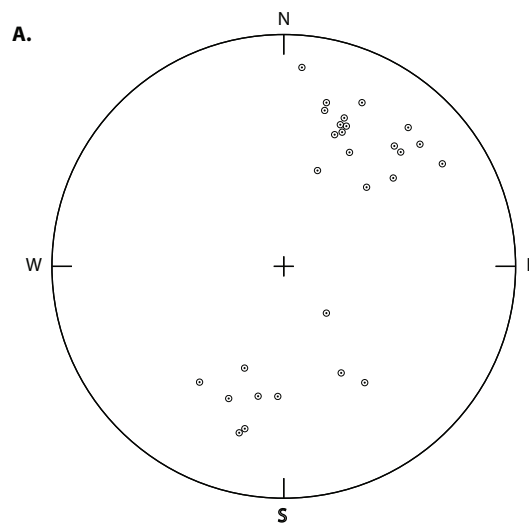
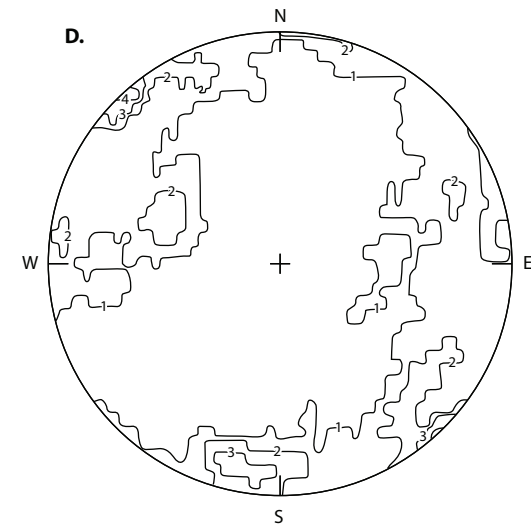
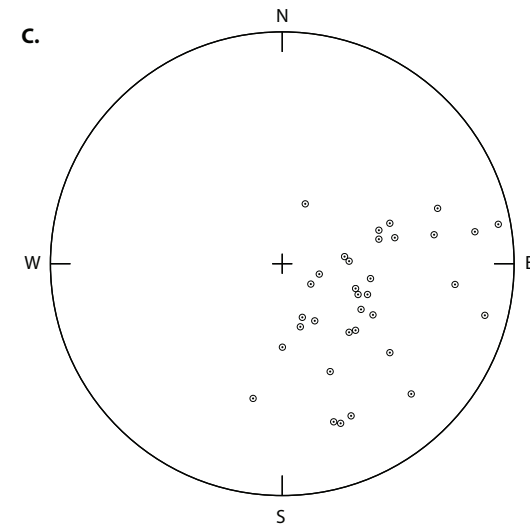
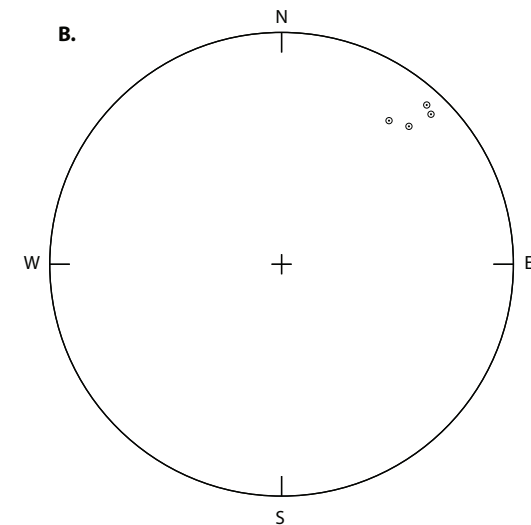
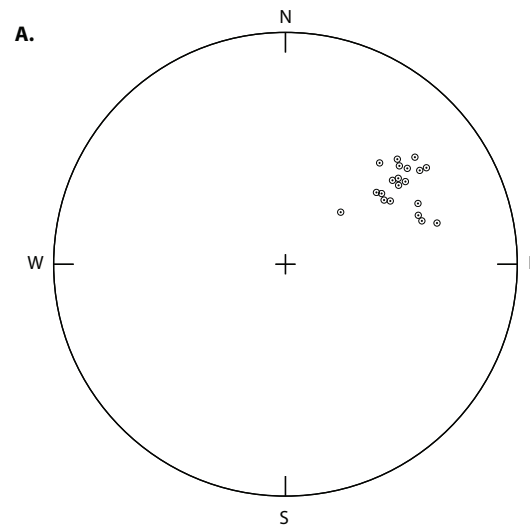




Twenty-two F_1 fold axes in the hinge area of the Cherokee Falls synform in the Blacksburg South quadrangle. The fold axes have been rotated in a plane oriented $N46^\circ E$, $40^\circ SE$ which is close to the orientation of the S_2 foliation in the synform.



A. Thirty F_2 fold axes.
 B. 305 poles to S_2 foliation. Contours are 0, 4, 8 and 12% per 1% unit area.
 Data from Blacksburg South and portions of the Gaffney and Kings Creek quadrangles.



A. Thirty F_3 fold axes. Axial planes strike northeast and dip steeply northwest.
 B. Four F_4 fold axes. Axial planes strike northeast and northwest and have shallow northerly dips.
 C. Thirty-three F_5 fold axes. Axial planes strike northwest and kink planes strike northwest and northeast, both have near-vertical dips.
 D. 568 poles to joint planes. Contours are 1, 2, 3 and 4% per 1% unit area.
 Data for A, B, and C from Blacksburg South and Gaffney quadrangles, Data for D from southeast corner of Blacksburg South quadrangle.

Modified after Schaeffer (1981)