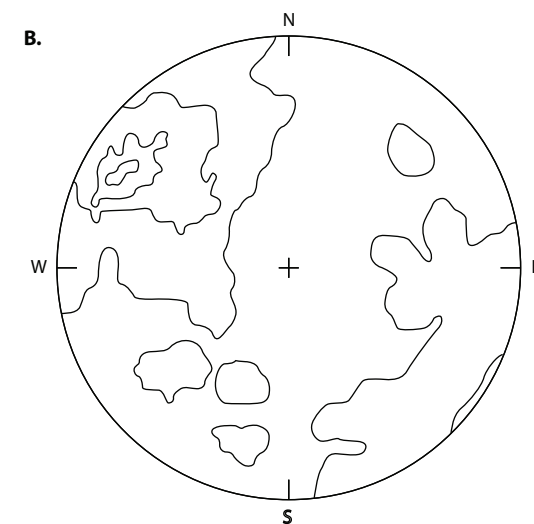
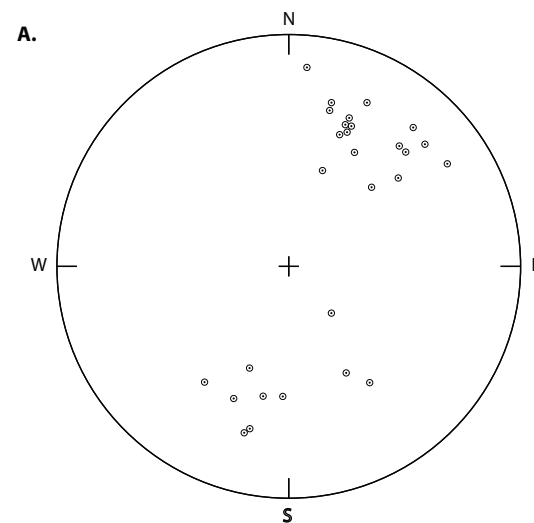
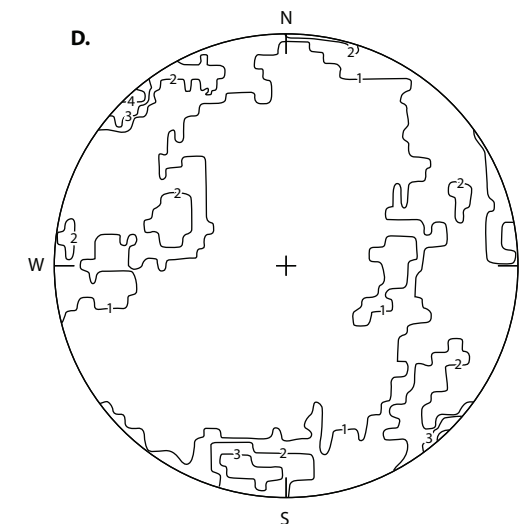
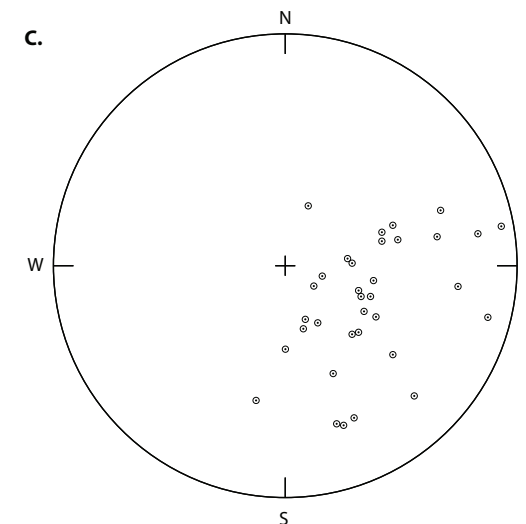
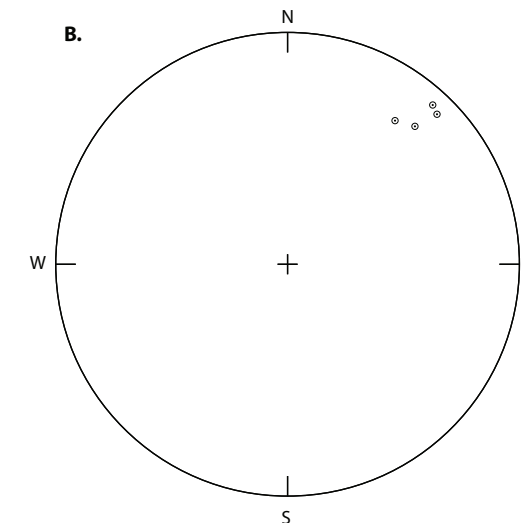
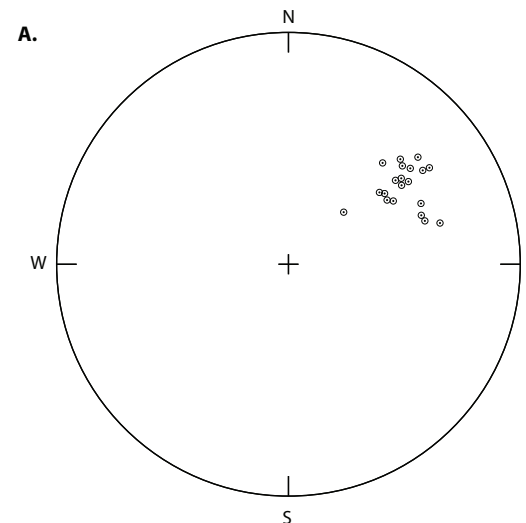


Twenty-two  $F_1$  fold axes in the hinge area of the Cherokee Falls synform in the Blacksburg South quadrangle. The fold axes have been rotated in a plane oriented  $N46^\circ E, 40^\circ SE$  which is close to the orientation of the  $S_2$  foliation in the synform.



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)