Figure 1.—Map of Ohio, West Virginia, Pennsylvania, and adjoining States showing location of cross section C-C' and selected tectonic features. Tectonic and geologic features are from Hardeman (1966), Cardwell and others (1968), Guinn (1970), Rodgers (1970), Janssens (1972), Wallace and de Wit (1975), Berg and others (1980), Milić (1980), Denison and others (1984), Kulander and Dean (1986), Virginia Division of Mineral Resources (1993), Drohozwal and Noger (1995), Shumaker (1996), Van Schmus and others (1996), Fall (1998), and Baranowski (2002).

Figure 2.—Correlation chart of Paleozoic rocks along cross section C-C' in Ohio, northernmost West Virginia, and Pennsylvania. Geologic time scale from Gradstein and others (2004) except as noted. Abbreviations are as follows: equiv, equivalent; Fm, Formation; Gp, Group; Ls, Limestone; Ma, million years (mega-annum); mbr, member; Sh, Shale; ss, sandstone.

GEOLOGIC CROSS SECTION C-C' THROUGH THE APPALACHIAN BASIN FROM ERIE COUNTY, NORTH-CENTRAL OHIO, TO THE VALLEY AND RIDGE PROVINCE, BEDFORD COUNTY, SOUTH-CENTRAL PENNSYLVANIA

Robert T. Ryder, Michael H. Trippi, Christopher S. Swezey, Robert D. Crangle, Jr., Rebecca S. Hope, Elisabeth L. Rowan, and Erika E. Lentz