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Michael Ackerman, Sul-Young Choi, Peter Coughlin, Eric Gottlieb and Japheth Wood* (jwood@chatham.edu), Chatham College, Science Division::Mathematics, Woodland Road, Pittsburgh, PA 15232. *When voter preferences are partially ordered.* Preliminary report.

Most voting methods such as the Borda count require voters to express their preferences as linear orderings of the alternatives. In this report, we present some situations where such rankings are impractical or impossible, and a proposed algorithm to extend well-known voting methods to these situations. This work was developed at the DIMACS Reconnect Satellite Conference 2005 at Montclair State University, led by Donald G. Saari and Michael A. Jones. (Received August 29, 2005)