1080-05-224Talmage James Reid* (mmreid@olemiss.edu), The University of Mississippi, Department of
Mathematics, University, MS 38655, Haidong Wu (hwu@olemiss.edu), Department of
Mathematics, University, MS 38655, and Kayla Davis, The University of Mississippi. Regular
matroids excluding some small graph minors. Preliminary report.

Guoli Ding and Cheng Liu characterized the 3-connected graphs excluding each of the 3-connected graphs on eleven edges. These results continue a program of Dirac, Wagner, Hall, and others, that consider characterizations of such classes of graphs. We extend some of Ding and Liu's results to regular matroids. (Received January 27, 2012)