Zachary Gershkoff* (zgersh2@math.lsu.edu), zgersh2@math.lsu.edu, and James Oxley. A splitter theorem for connected 2-polymatroids. Preliminary report. 

Brylawski and Seymour independently proved that if $N$ is a connected minor of a connected matroid $M$, and $e$ is an element of $M$ but not of $N$, then the deletion or contraction of $e$ from $M$ is connected and has $N$ as a minor. This talk discusses an analogy of this theorem for connected 2-polymatroids. (Received February 14, 2018)