1053-03-150 **Fred Richman***, Department of Mathematics, Florida Atlantic University, Boca Raton, FL 33431. Does the axiom of choice imply the law of excluded middle? Preliminary report.

The Goodman-Myhill theorem states that the axiom of choice implies the law of excluded middle. Errett Bishop claimed that a choice function exists in constructive mathematics because a choice is implied by the very meaning of existence. I will argue that both of these apparently irreconcilable statements are bogus. (Received August 31, 2009)