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**Matthew D Welz\*** (mwelz@uwsp.edu), 2001 Fourth Avenue, Stevens Point, WI 54481, and  
**Richard M Foote** (foote@math.uvm.edu), 16 Colchester Avenue, Burlington, VT 05405. *Finite  
Groups with  $p$ -Fusion of Squarefree Type.*

For  $G$  a finite group and  $p$  a prime, we discuss two theorems under hypotheses that restrict the index of the subgroup generated by every  $p$ -element  $x$  in certain subgroups generated by pairs of its conjugates. Under one set of hypotheses  $G$  is shown to be supersolvable. Simple groups satisfying a complementary fusion-theoretic hypothesis are classified. (Received July 05, 2014)