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**Masahico Saito\*** (saito@usf.edu), **W. Edwin Clark**, **Mohamed Elhamedi**, **Xiang-dong Hou** and **Timothy Yeatman**. *On a family of extension quandles associated with pointed abelian groups.*

A family of quandles are constructed as extensions of the 3-element dihedral quandle by pointed abelian groups. They are classified by isomorphism classes of pointed abelian groups, and identified with some of the quandles in the table of small connected quandles. Colorings of knots and virtual knots by these quandles are discussed. (Received February 09, 2012)