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**Sarah Mason\*** (masonsk@wfu.edu), 127 Manchester Hall, Winston Salem, NC 27109, and  
**Cristina Ballantine, Zajt Daugherty, Angela Hicks and Elizabeth Niese.** *Quasisymmetric  
power sums and plethysm.*

We discuss two quasisymmetric analogues of the power sum basis for symmetric functions. We describe their multiplication, expansion into Gessel's fundamental quasisymmetric functions, and several other useful properties. We also connect this basis to a notion of plethysm on quasisymmetric functions. (Received August 25, 2018)