1024-05-212   **Richard Ehrenborg*** (`jrge@ms.uky.edu`), Department of Mathematics, University of Kentucky, Lexington, KY 40506, **Margaret Readdy** (`readdy@ms.uky.edu`), Department of Mathematics, University of Kentucky, Lexington, KY 40506, and **Michael Slone** (`mslone@ms.uky.edu`), Department of Mathematics, University of Kentucky, Lexington, KY 40506. *Toric arrangements.*

We extend the classical Billera-Ehrenborg-Readdy map between the intersection lattice and face lattice of a central hyperplane arrangement to toric hyperplane arrangements. For toric arrangements, we also generalize Zaslavsky's fundamental results on the number of regions. (Received January 09, 2007)