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Mounir Nisse* (nisse@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77843-3368, **Maurice Rojas** (rojas@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, TX 77843-3368, and **Korben Rusek** (krusek@math.tamu.edu), Department of Mathematics, Texas A&M University, College Station, 77843-3368. *Discriminant Coamoebas.*

The coamoeba of a complex algebraic variety is its image under the argument mapping. The main result of this paper is a complete description of the coamoebas of reduced A -discriminants in m variables for $m \geq 2$. This generalizes a description of Nilsson and Passare for $m = 2$ and gives an affirmative answer to a conjecture of Passare on this type of coamoeba. (Received August 23, 2011)