1043-20-87   **David J. Garrison*** (`david.garrison@binghamton.edu`). *Metabelian groups with all cyclic subgroups n-subnormal having all subgroups subnormal.* Preliminary report.

A subgroup H of a group G is called n-subnormal, or subnormal of defect n, if there exists a normal series from G to H of length at most $n + 1$. Heineken, Stadelmann, and Mahdavi have extensively studied groups having certain collections of subgroups subnormal of defect 2. Mahdavi looked at the interdependencies between groups having all cyclic, all abelian, all class 2, and all subgroups 2-subnormal. We discuss under what conditions metabelian groups having all cyclic subgroups n-subnormal also have all subgroups n-subnormal. (Received August 19, 2008)