1003-20-1071   **Harald Ellers*** (`hellers@allegheny.edu`), Dept. of Mathematics, Allegheny College, 520 N. Main St., Meadville, PA 16335, and **John Murray** (`jmurray@maths.may.ie`), Department of Mathematics, National University of Ireland, Maynooth, Co.Kildare, Ireland. *Branching rules for Specht modules.* Preliminary report.

Let Σ_n be the symmetric group of degree n, and let F be a field of odd characteristic. For any partition λ of n, let S_F^λ be the Specht module associated to λ. We determine the structure of the endomorphism algebra of the restricted module $(S_F^\lambda) \downarrow_{\Sigma_{n-1}}$. As a consequence, we find the indecomposable components of $(S_F^\lambda) \downarrow_{\Sigma_{n-1}}$. Namely, if b is a block idempotent of $F[\Sigma_{n-1}]$, then $(S_F^\lambda) \downarrow_{\Sigma_{n-1}} b$ is 0 or indecomposable. Similar results hold for the induced module $(S_F^\lambda) \uparrow_{\Sigma_{n+1}}$. (Received October 03, 2004)