1128-14-149   **Praise Adeyemo*** (`praise.adeyemo13@gmail.com`), 222 College Street, Toronto, M5T 3J1, Canada, and **Frank Sottile**, College Station, TX. *COHOMOLOGICAL CONSEQUENCES OF THE PATTERN MAP.*

Billey and Braden defined maps on flag manifolds which are geometric counterpart of permutation patterns. A section of their pattern map is an embedding of the flag manifold of a Levi subgroup into the full flag manifold. We give two expressions for the induced map on cohomology. One is in terms of generators and the other is in terms of the Schubert basis. We show that the coefficients in the second expression are naturally Schubert structure constants and therefore positive. (Received February 23, 2017)