1016-03-321 **Thomas Warren Scanlon*** (scanlon@math.berkeley.edu), University of California, Berkeley, Department of Mathematics, Evans Hall, Berkeley, CA 94720-3840. *Relative categoricity for finitely generated fields.*

Proving a conjecture of Pop, we show that if L and K are finitely generated fields with $(L, +, \times, 0, 1) \equiv (K, +, \times, 0, 1)$, then $L \cong K$. This theorem follows from our stronger result that if K is an infinite finitely generated field, then K is parametrically biinterpretable with $(\mathbb{N}, +, \times, 0, 1)$. (Received February 14, 2006)