Effects of Recurrent Selection for Grain Yield and Striga Resistance in an Extra-Early Maize Population
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In Volume 50, Number 5, pp. 1735–1743, the abstract was printed with an inaccurate sentence. The correct abstract follows:

*Striga hermonthica* (Del.) Benth threatens maize (*Zea mays* L.) production in sub-Saharan Africa. In an extra-early population, *S*₁ families derived from four cycles of recurrent selection for grain yield and *Striga* resistance were evaluated with and without *Striga* infestation at three locations in Nigeria for 2 yr to determine relative changes in genetic variances, heritabilities, and genetic correlations for yield and other traits. Under infestation, yield was not correlated with other traits at *C₀* but was significantly correlated with ears per plant (EPP), *Striga* damage, and emerged *Striga* plants in advanced cycles. Genetic correlations between yield and most traits were significant in *C₀* when *Striga*-free but was reduced in advanced cycles. Genetic variances and heritabilities for yield and ear aspect increased in advanced cycles. Genetic variances decreased with selection for emerged *Striga* counts and EPP under infestation. A response to selection for improved yield, *Striga* emergence and EPP is expected in subsequent cycles. Low genetic variances and heritabilities for *Striga* damage and low predicted gain cycle⁻¹ for all traits except numbers of emerged *Striga* plants suggest a need to introgress novel resistance genes into the population for faster progress from selection for increased yield.

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