Erratum for Perkin II

Reaction of t-Butoxyl Radicals with Diborane

By K. U. Ingold

1973, p. 420, r.h.s. Move lines 9 and 10 up to become lines 2 and 3. Thus the first two sentences of the second paragraph read:

'In the case of phosphorus, it has recently been shown that steric crowding around the central atom probably has an importaut bearing on the stability of phosphoranyl radicals.[5] Thus[5] the reactions of t-butoxyl radicals with PH_3, $MePH_2$, and Me_2PH at temperatures below −70 °C yield initially the corresponding phosphoranyl radicals, $Bu^tO\dot{P}X_3$, while with Me_3P both the phosphoranyl and methyl radicals are formed, and with Et_3P only the ethyl radical is formed. Similarly, it has been found that the stabilities towards β-scission [reaction (1b)] of $Bu^tO\dot{P}(OR)_3$ radicals decrease by about an order of magnitude along the series R = Me, Et, Pr^i, Bu^t.[18]'