

*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 important bearing on the stability of phosphoranyl radicals.<sup>5</sup> Thus<sup>5</sup> the reactions of t-butoxyl radicals with  $\text{PH}_3$ ,  $\text{MePH}_2$ , and  $\text{Me}_2\text{PH}$  at temperatures below

$-70^\circ\text{C}$  yield initially the corresponding phosphoranyl radicals,  $\text{Bu}^t\text{OP}\dot{\text{X}}_3$ , while with  $\text{Me}_3\text{P}$  both the phosphoranyl and methyl radicals are formed, and with  $\text{Et}_3\text{P}$  only the ethyl radical is formed. Similarly, it has been found that the stabilities towards  $\beta$ -scission [reaction (1b)] of  $\text{Bu}^t\text{OP}\dot{\text{O}}(\text{OR})_3$  radicals decrease by about an order of magnitude along the series  $\text{R} = \text{Me, Et, Pr}^i, \text{Bu}^t$ .<sup>18</sup>