DISCUSSION

O F Devereux¹ (written discussion)—Your model essentially represents diffusion control as one of three resistors in series, with the measured potential drop occurring across the whole circuit. In other models the activation and ohmic terms represent two elements in series, with diffusion entering as a modified reactant activity in the activation term. These differ in that the latter model incorporates a reaction order. The former also has a problem in describing diffusion control experienced simultaneously by two or more reactions. Neither method is always effective in describing the region of transition from full activation (Tafel) to full diffusion (vertical) control.

K R Trethewey and J S Keenan (authors' closure)—You raise a valid point There is certainly plenty of scope for improving the model described in the paper However, we have tried to show in our applications that considerable success can be achieved even with a comparatively simple model such as this

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