NOTES ON THE TRANSACTIONS OF
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MCCUTCHEON, J. J. *Graduation of the Experience of Female Assured Lives 1975–78.* (Preliminary Report on behalf of the C.M.I. Committee). Continuous Mortality Investigation Reports Numbers 4 and 5 were also discussed.

Exposure Draft of Additional Guidance Notes for Appointed Actuaries, (Discussed at the Institute on 28 March 1983. See *J.I.A.* **110,** 401).

BRUMWELL, J. C. H. *Notes on the* Financial Times–*Actuaries Equity Share Indices in 1982.* (See *J.I.A.* **110,** 271).

SCOTT, W. F. *Some Applications of the Poisson Distribution in Mortality Studies.* It is shown that, under certain conditions, the number of deaths (either from all causes or a certain cause) at a given age arising from the central exposed to risk has approximately a Poisson distribution. This result is applied to find confidence intervals for the true central death rate, to estimate the distribution of the cost of claims and the expected death strain. The frequently used actuarial formula $(A–E)/\sqrt{E}$, where A represents the actual and E the expected deaths, is found to hold in large investigations, as is the alternative, but generally less accurate, formula $(A–E)/\sqrt{A}$.