

THE EDITORIAL ADVISORY BOARD

ROBERT CAMERON MACKENZIE



Born 1920 near Portmahomack, Ross and Cromarty, Scotland, the son of a farmer, he was educated at Tain Royal Academy, where he was due in mathematics and science (1936), and at Edinburgh University from which he graduated B.Sc. with First Class Honours in Chemistry (1942). A Vans Dunlop Scholar at the same University, his Ph.D. thesis dealt with the kinetics of the thermal decomposition of hydrogen peroxide vapour. Since 1944 he has been on the staff of the Macaulay Institute for Soil Research, Aberdeen, first as a soil surveyor (1944-48), then as head of the section of Physical Chemistry (1948-59) and latterly as head of the department of Pedology (from 1959). His main personal interests have been in clay mineralogy (for contributions to which he was awarded the degree of D.Sc. of Edinburgh University, 1957) and the application of thermo-analytical methods thereto, but the work of the department is varied, covering fundamental mineralogical, botanical and chemical studies on soils as well as peat survey and tree nutrition.

A member of many scientific societies, Robert Mackenzie has been elected a Fellow of the Royal Society of Edinburgh (1961), a Fellow of the Royal Institute of Chemistry (1957) and a Fellow of the Mineralogical Society of America (1961). He was the first recipient of the Mettler Award in Thermal Analysis (1968) and was earlier awarded a Sixth Centenary Medal of the Charles University, Prague, for his work on clay mineralogy (1961). He served as Secretary of the Clay Minerals Group of the Mineralogical Society (1949-56) and editor of *Clay Minerals Bulletin* (1959-64) and was the first Chairman of the Thermal Analysis

Group of the Society for Analytical Chemistry (1965–67). Always interested in the international aspects of science, he has lectured in many countries, was Visiting Professor of Soil Science at Cairo University (1967), a Member of Council of Association Internationale pour l'Etude des Argiles (1952–69) and Chairman of the Nomenclature Committee of that body (1958–69), joint organizer (with Dr. J. P. Redfern) of the First International Conference on Thermal Analysis (1965), Treasurer of ICTA (from 1965) and Chairman of the Nomenclature Committee of ICTA (from 1965). He has published some 70 scientific papers, compiled a DTA data index and a book on advanced topics in clay mineralogy and DTA in addition to editing two other books concerned with thermal analysis.