

plant tissues point in this direction^{3,4}. Accumulation of free salts would, of course, also occur in 'mitochondria' if the respiratory units are arranged in a monolayer coating the particles. Little is known, however, of true accumulation of salts in the 'free water' of protoplasts which do not contain vacuoles.

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NEWS and VIEWS

New Year Honours List

THE following names of scientists and others associated with scientific work appear in the New Year Honours list:

Baron: Sir George Nelson, chairman of the English Electric Co., Ltd.

Baronet: Sir James Paterson Ross, president of the Royal College of Surgeons of England.

K.C.M.G.: Sir Charles Blackburn, chancellor of the University of Sydney, for services to education and medicine; Dr. George A. Currie, vice-chancellor of the University of New Zealand; Sir Philip Morris, lately chairman of the Commonwealth Education Conference, vice-chancellor of the University of Bristol; Geoffrey W. Nye, adviser on agriculture to the Secretary of State for the Colonies.

Knights: Prof. Edward Ford, director of the School of Public Health and Tropical Medicine, University of Sydney; Dr. William H. Glanville, director of the Road Research Laboratory (Department of Scientific and Industrial Research); Dr. John Hammond, formerly reader in agricultural physiology in the University of Cambridge; William W. S. Johnston, of the State of Victoria, for his work for postgraduate education in medicine; Prof. Harrie S. W. Massey, Quain professor of physics, University College, London.

C.B.: M. I. Michaels, under-secretary, Office of the Minister for Science; R. N. Quirk, under-secretary, Office of the Minister for Science; R. H. Weir, director-general of engine research and development, Ministry of Aviation; Dr. H. F. Willis, chief of the Royal Naval Scientific Service.

C.M.G.: A. W. Knight, chief commissioner of the Hydro-Electric Commission, State of Tasmania; R. E. Stedman, under-secretary, Ministry of Agriculture, Fisheries and Food; C. W. Michie, permanent secretary, Ministry of Agriculture, Northern Region, Nigeria; S. E. Morris, secretary for native affairs and chief native commissioner, Southern Rhodesia;

Dr. E. W. Russell, director of the East African Agriculture and Forestry Research Organization.

C.B.E.: Prof. S. Alstead, regius professor of materia medica and therapeutics, University of Glasgow; H. E. Bannister, assistant secretary, Ministry of Agriculture, Fisheries and Food; J. D. Clark, director of the Rhodes-Livingstone Museum, Northern Rhodesia; C. E. Clarke, principal actuary, Government Actuary's Department; Dr. T. F. Davey, senior specialist (leprologist), Eastern Region, Nigeria; L. J. Davies, director of research and education, British Thomson-Houston Co., Ltd.; J. Edwards, head of Production Division and scientific adviser, Milk Marketing Board; Dr. A. J. P. Martin, for services in the development of chromatographic analysis; Dr. D. C. Martin, assistant secretary of the

Royal Society; Dr. A. T. R. Mattick, lately deputy chief scientific officer, National Institute for Research in Dairying, Shinfield, Reading; T. B. Nicol, engineer-in-chief, Metropolitan Water, Sewerage and Drainage Board, New South Wales; H. T. Pledge, keeper in the Science Museum, South Kensington; W. T. Price, prin-

cipal of Harper Adams Agricultural College, Newport, Shropshire; H. T. Ramsay, director of the Safety in Mines Research Establishment, Ministry of Power; J. B. Randall, director of Veterinary Services and Animal Industry, Uganda; F. I. G. Rawlins, deputy keeper and scientific adviser, National Gallery; G. B. Ryle, director of forestry for England, Forestry Commission; Prof. R. W. Scarff, professor of pathology, University of London; V. C. Williams, of Griffith, New South Wales, for services to irrigation research.

Royal Society Vice-Presidents

THE president of the Royal Society, Sir Cyril Hinshelwood, has appointed the following vice-presidents for the year ending November 30, 1960: Sir William Penney, treasurer of the Royal Society, member for scientific research, United Kingdom

**From January 1960, issues of
NATURE will be grouped into
four volumes a year, instead
of two as heretofore**