

duty of making recommendations regarding the export trade. Cotton and rayon interests will be equally represented on the Committee and the other principal bodies in the industry will be the Cotton Industry Advisory Committee, charged with examination of the sectional schemes, and the Representative Advisory Council. Provision is also made for the establishment of a separate Rayon Industry Committee. Producers are compelled and merchants permitted to register with the Cotton Industry Board, but merchants will only be registered if they agree to abide by the contracts prescribed in sectional price schemes. Sectional schemes, which to become legally binding must be supported in a poll by the majority of the section concerned and approved by the Board, may relate to the elimination or reduction of redundant plant or to the fixing of prices. The broadsheet emphasizes the importance of marketing policy, the need for market research, the urgency of establishing central marketing arrangements, the necessity of a more enlightened labour policy than that which has short-sightedly sought exemptions from the Factories Act which reduced the juvenile working week from 48 to 44 hours, as well as the importance of implementing the permissive clause of the Act which allows the compensation of operatives displaced by redundancy schemes. Only long-term measures of this character can overcome the operatives' real and natural fear of technical change and eliminate the labour troubles which have contributed to the industry's difficulties.

#### Mr. W. Gavin, C.B.E.

In further development of the organization which would be set up by the Government in the event of war to bring about an increase in food production in Great Britain, Mr. W. Gavin has been appointed agricultural adviser designate to the Minister of Agriculture and Fisheries. Mr. W. Gavin has already served in the Ministry of Agriculture, having been appointed in 1916 to act as assistant to the late Hon. E. G. Strutt, who was agricultural adviser throughout the war of 1914-18. Mr. Gavin afterwards became secretary and deputy director of the Army Cattle Committee, director of flax production and director of land reclamation. He is now the agricultural adviser to Imperial Chemical Industries, Ltd., a director of Strutt and Parker Farms, Ltd., a director of the Agricultural Mortgage Corporation, a member of council of the National Institute of Agricultural Botany, a trustee of the Lord Wandsworth Agricultural College, and an 'appointed' member of the executive of the Potato Marketing Board.

#### Bernhard Naunyn (1839-1925)

BERNHARD NAUNYN, an eminent German physician and experimental pathologist, was born on September 2, 1839, in Berlin, where he studied medicine under Lieberkühn, Reichert and Frerichs. He qualified in 1862, and after acting as clinical assistant to Frerichs for some years, became successively professor of medicine at Dorpat (1869-71), Bern (1871),

Königsberg (1872-1888) and Strassburg (1888-1905). He was the author of two medical classics, the first on cholelithiasis (1892), which was translated into English by A. E. Garrod for the New Sydenham Society's publications (1896), and the second on diabetes mellitus (1898). He also wrote important articles on cerebral compression, the problem of fever, coagulation of the blood, gastric fermentation, cirrhosis of the liver, disorders of speech and syphilitic disease of the nervous system. Considerable historical interest is attached to his papers on "The Development of Internal Medicine in the Nineteenth Century", "The Berlin School 50 Years Ago" (1908), and his autobiography entitled "Erinnerungen, Gedanken und Meinungen". In 1872 he founded, in conjunction with Schmiedeberg, the *Archiv für experimentelle Pathologie und Pharmakologie*, and in 1896, with the surgeon Mickulicz, the *Mitteilungen aus den Grenzgebieten der Medizin und Chirurgie*. Naunyn had many pupils who attained distinction, such as Eichhorst, Minkowski, Schreiber, Stadelmann, Umber and Weintraud. He remained active in his retirement at Baden-Baden until shortly before his death, which took place on July 26, 1925.

#### Gift of Sutton Hoo Antiquities to the Nation

ALL anxiety, which has been not inconsiderable, as to the future of the antiquities from the Sutton Hoo Anglo-Saxon royal ship-burial has been allayed by the announcement made by the Trustees of the British Museum (Bloomsbury) that Mrs. E. M. Pretty, declared their owner by the verdict of the Coroner's inquest of August 14 (see NATURE of August 19, p. 318), has generously presented them to the Museum. The gift is subject to a condition that they shall be exhibited in due course on loan for a period in the Borough Museum of Ipswich. The gift comprises articles in gold, gems, and enamel, silver, bronze, iron, stone, wood, leather and textile fabrics—everything, in fact, which was found in the ship-burial on her estate at Sutton Hoo. Thus the relics from a find, which archæologically is the most important of its kind made in Great Britain, and the most valuable of its period made anywhere, not only become the property of the nation, but also will be preserved together as a whole. Had the collection been dispersed, as was feared possible, the discovery would have lost much of its unique value for cultural studies, and as tangible evidence for the whole complex of religious and social concepts, which inspired our Anglo-Saxon forbears in the seventh century of our era in their reactions to the demise of a chiefly head and representative of the community. Intrinsically valuable objects and jewels in gold, silver, and enamel, especially when found in such rich profusion, impress the popular imagination: they afford evidence of a highly developed æsthetic faculty and superb skill in technique; but it is the humbler objects with which they are associated, the personal and domestic articles of the less precious metals, the pottery, the wood, leather, stone and the textiles, which are the more eloquent for the student of the culture of the time. They are the raw material



from which the archaeologist interprets advance in civilization and the cultural history of the people as a whole.

EXCAVATIONS are still proceeding on the site in the hope of securing further evidence, which will throw light on certain points still obscure. It would appear to be beyond doubt from the completeness of the funeral furniture, the extensive equipment, domestic and personal, and the unexampled richness and excellence in workmanship of the jewellery and objects in precious metal, that this was the burial-place of a king or chiefly leader, which is to be assigned, on the evidence of the Merovingian coins, though themselves bearing no date, to about A.D. 640; but as yet no evidence of identification has been found. Such suggestions as have been made are purely speculative. It is further remarkable that no skeleton, or fragments thereof, or evidence of cremation, have been found. It has been suggested as possible that the burial mound may have been intended to confer the last rites on a leader whose body had been lost at sea. Should further relics accrue, presumably they will be added to the original gift, with a generosity worthy of the owner. The verdict of the Coroner's inquest, however, has given rise to some serious misgivings as to the possibilities to which a find of this value, and in such circumstances, is exposed. It has been suggested that drastic measures should be taken by legislation to ensure their reservation to the nation. It is probable that any such action would defeat its own end. The generous interpretation of compensation now accepted in application of the law of treasure trove, which ensures to the finder the full archaeological value of a find, and the vigilance of the Office of Works, are adequate to meet ordinary contingencies, while any exceptional find, such as that at Sutton Hoo, is certain of the protection of a publicity which would be intolerant of anything in the nature of improper disposal.

#### A Museum of the Roman Wall: An Appeal

WHILE some, at least, of the advantages of an adequate display for relics from the Roman Wall must be obvious to every layman who gives the matter a thought, only an archaeologist can appreciate to the full both the hindrances to Romano-British studies of the present arrangements, as well as the benefits which would follow from the appropriate grouping of the collections in premises dedicated to this sole purpose. Mr. Ian A. Richmond, lecturer in Romano-British archaeology in the University of Durham, in a review in *The Times* of August 29 of the present position, touches upon both aspects of the matter in putting forward a plea for better accommodation for at least some of the collections under the custody of the University of Durham. At present the relics from the Wall are divided between three principal museums, the Blackgate at Newcastle-upon-Tyne, Tullie House at Carlisle, and Chesters on the Wall itself. These museums are both overcrowded and ill-adapted to the requirements of modern display. In

particular, the Blackgate, the medieval gateway of the Castle, is the most urgent problem. Once a debtors' prison, it is dark and gloomy, yet it contains the collections of the Society of Antiquaries of Newcastle-upon-Tyne, which now have been in existence for more than a century and are the most important source of information on the Wall and its area.

So strongly did the needs of the situation and the claims of Hadrian's Wall as "one of the universally famous monuments of our island" appeal to the Standing Commission on Museums and Galleries that it was from this body that the suggestion came that the responsibility of a museum of the Roman Wall should devolve upon the University of Durham; and following upon an expression of willingness by the Council of the Society of Antiquaries to transfer the custody of its collections to the University, and an appeal to the public by Lord Eustace Percy, as representing the University, for funds to erect such a museum, the University Grants Commission has generously made an offer of £5,000 towards the cost of the building, provided the balance of £15,000 required is raised within two years. Mr. Richmond goes on to point to a number of directions in which study of Romano-British culture is hampered through lack of adequate and appropriate display of the material.

#### Gloucester Museum

REFERENCE was made recently in the columns of *NATURE* (July 15, p. 91) to the origin of certain of the provincial museums as centres of intellectual and social exchange in days of less easy transport and communication. An example of a museum originating in this manner and of the function it is now able to fulfil in municipal life is afforded by the Public Museum of the City of Gloucester. This museum was founded in 1859 by members of the Gloucester Literary and Scientific Association (now dissolved) and the Cotteswold Naturalists Field Club. The collections were housed originally in two rooms lent by Mr. Sydney Dobell, but were removed to the Art School in 1872, and finally transferred to their present home in the Price Memorial Hall in 1900, having been handed over to the Corporation by deed in 1896. A scheme of reorganization has been completed recently and the occasion marked by the issue of a "Short Guide to the Collections", which includes, in addition to the collections in the Public Museum, those of the Folk Museum in Bishop Hooper's Lodgings, opened by Dr. R. E. Mortimer Wheeler in 1935. The Public Museum covers both natural science and archaeology; and specimens are available for detailed examination by students and research workers in a reference room set aside for the purpose. The archaeological specimens are in the main of local derivation, and are arranged to illustrate the development of the material culture of early man in the local environment down to Saxon times. Historical relics later than the Norman Conquest are to be found in the Folk Museum, which illustrates