

SCIENCE CONGRESS.

PREPARATIONS IN PERTH.

DELEGATES LEAVE ADELAIDE TO-DAY.

Dr. A. B. Walkom, the acting general secretary of the Australasian Association for the Advancement of Science, who will leave this morning for Perth to make preliminary arrangements for the main body of delegates to the forthcoming congress, informed a representative of The Register on Monday something of the plans in connection with that important function.

Dr. Walkom is secretary of the Linnean Society of New South Wales, and also the local secretary of the association. He said that the main party of delegates, numbering about 115, would leave Adelaide on Thursday morning, and reach Perth on Sunday. About 40 chemists left last Sunday to attend a preliminary conference of pharmacists. Altogether there would be about 60 delegates from New South Wales, 50 from Victoria, six from Queensland, 6 from Tasmania, two from New Zealand, and 70 from South Australia. When it was first decided to hold the congress it was estimated that from 70 to 80 delegates would ensure its success, so that the actual number, approximately, 200, had considerably exceeded the estimate. The congress was held at intervals of about two years, the former meeting having been held in Adelaide in August, 1924. The next would take place in Hobart in January, 1928. The original intention was to hold the congress always in January, but owing to the heat of that month in places like Adelaide and Brisbane, a variation had been made. The forthcoming conference would be the eighteenth since the inception of the association, and the first to be held in Perth for about 20 years. The western capital had suffered in that respect from the comparative isolation of its geographical position, and its university had only been established within recent years. The people there, however, had made very complete arrangements for the hospitality of the visitors. About 80 delegates had taken advantage of the invitations. The meetings would begin on Monday, August 23, and continue all the week, and on the following Monday, Tuesday, and Wednesday excursions had been arranged for the visiting delegates, to the south-western portion of the State, to Kalgoorlie, and to the Irwin River in the north.

Adelaide Delegates.

The delegates from South Australia who would represent affiliated societies included the following:—Australian Forest League (S.A. branch), Sir William Sowden; British Medical Association (S.A.), Dr. W. T. Hayward, Dr. A. A. Lendon, and Professor J. B. Cleland; field naturalist section Royal Society of S.A., Professor T. Harvey Johnston, Mr. J. F. Bailey, and Miss J. D. Macklin, Institution of Engineers, Australia (South Australian division), Professor R. W. Chapman; Pharmaceutical Society of South Australia, Incorporated, Messrs. E. F. Grist and M. C. Moore; Public Library, Museum, and Art Gallery, Professor Wood Jones; Royal Geographical Society of Australasia (South Australian branch), Dr. A. A. Lendon, Professor Sir Douglas Mawson, and Mr. L. Keith Ward; State Advisory Council of Science and Industry, Dr. W. A. Hargreaves; South Australian Ornithologists' Union, University of Adelaide, Professor J. B. Cleland, Professor E. H. Rennie, Professor Kerr Grant, and Sir Douglas Mawson; Workers' Educational Association of South Australia, Professor H. Darnley Naylor and Rev. G. H. Wright.

From Other States.

Delegates from affiliated societies in the other States were:—Commonwealth—Australian National Research Council, Mr. R. H. Cambage and Professor E. W. Keats; Council of Scientific and Industrial Research, Professor A. C. D. Rivett, Queensland—Pharmaceutical Society of Queensland, Messrs. John Lunn, J. C. Minnis, and John Richardson; Royal Society of Queensland, Mr. E. W. Bick and Dr. F. W. Whitehouse, New South Wales—Australian Chemical Institute, Dr. W. T. Cooke (Adelaide) and Mr. W. A. Geig; Australian Veterinary Association, Mr. E. Murray Jones (Perth) and Professor J. Douglas Stewart; British Astronomical Association (New South Wales branch), Mr. J. J. Richardson; British Medical Association (New South Wales branch), Dr. Mary Booth; Institute of Architects of New South Wales, Sir Charles Rosenthal and Mr. Oscar A. Beattie; Institution of Engineers (Australia), Sir Henry Barracloagh, and Messrs. J. Andrew (Perth) and C. E. Crocker (Perth); Linnean Society of New South Wales, Mr. J. H. Carter and Dr. E. W. Ferguson, New South Wales Association of Medical Pharmacists, Messrs. G. E. W. Mason and L. V.

Smith; Pharmaceutical Society of New South Wales, Messrs. F. P. J. Gray, A. Kenny, and J. F. McKinn; Royal Society of New South Wales, Professor L. A. Cotton, Mr. C. A. Susmitch, and Dr. W. G. Woolough; Royal Zoological Society of New South Wales, Mr. A. J. Nicholson and Dr. G. A. Waterhouse; Sydney Technical College Chemical Society, Messrs. F. J. Berry and A. D. Oho; University of Sydney, Professor L. Harrison; Professor J. Kenner, and Professor J. Douglas Stewart.

Victoria.—Actuarial Society of Australasia, Victorian Branch, Mr. C. H. Wickens; Australian Chemical Institute, Victorian branch, Messrs. H. C. Longbottom and W. B. Cohen; Australasian Institute of Mining and Metallurgy, Professor E. W. Skene; Mr. H. W. Gattrell (Adelaide), and Mr. A. Montgomery (Perth); British Medical Association, Victorian branch, Professor W. A. Osborne; Field Naturalists' Club of Victoria, Messrs. G. Coghill and C. Daley; Historical Society of Victoria, Messrs. C. R. Long and C. Daley; Incorporated Association of Registered Teachers of Victoria, Mr. F. Shani; Pharmaceutical Society of Victoria, Messrs. A. R. Bailey, C. L. Brickers, and A. T. S. Sissons; Royal Australasian Ornithologists' Union, Lieut.-Col. E. A. Le Souer (Perth); Royal Society of Victoria, Messrs. J. W. Audas, C. H. Wickens, and E. Kidson; Society of Chemical Industry of Victoria, Mr. H. E. Longbottom and Miss Jean L. Alexander; Veterinary Association of Victoria, Mr. H. W. Bennetts (Perth); University of Melbourne, Sir John Monash and Professor A. J. Ewart, Tasmania.—The University of Tasmania, Professor Brigden and Major L. F. Giblin; Tasmanian Field Naturalists' Club, Messrs. Clive E. Lord and L. Rodway; Royal Society of Tasmania; Messrs. L. Rodway and Clive E. Lord.

Western Australia.—Astronomical Society of Western Australia, Professor A. D. Ross; Australian Chemical Institute (Western Australian branch), Mr. J. M. Limb; Australian Natives' Association (Western Australian board of directors), Mr. F. C. Lee-Smith; Chemical Society of Western Australia, Mr. J. N. A. Grace; Federal Institute of Accountants (western Australian branch), Mr. Reginald R. Long; Institution of Surveyors, Western Australia, Incorporated, Mr. Athol J. Bennett; Pastoralists' Association of Western Australia, Incorporated, Mr. Ernest Lee Steere; Perth Chamber of Commerce, Messrs. W. B. Garner and H. W. D. Shallard; Pharmaceutical Society of Western Australia, Messrs. F. P. Gully, H. O. Howling and Edward Mayhew; Public Secondary School Association of Western Australia, Rev. Brother W. I. Power; Royal Society of Western Australia, Messrs. A. Gibb Maitland, F. E. Allum, and W. Catton Grasby; State School Teachers' Union of Western Australia Inc., Miss Mabel Yewers, Messrs. T. J. Milligan and N. E. Sampson; Western Australian Chamber of Manufacturers, W. M. Gray and T. Nisbet; University of Western Australia, Hon. Dr. A. J. H. Saw, Professor J. W. Patterson, and Professor Whitfield; Royal Institute of Architects of Western Australia, Incorporated, Mr. Eustace G. Cohen; Royal Agricultural Society of Western Australia, Mr. M. T. Padbury and Lieut.-Col. E. A. Le Souer; Western Australian Naturalists' Club, Lieut.-Col. B. T. Goadby; Western Australian Optical Association, Messrs. A. Knapp and C. A. Owen; Chamber of Mines of Western Australia, Mr. G. M. Roberts, New Zealand.—New Zealand Astronomical Society, Mr. R. D. Thompson (Perth); New Zealand Institute of Surveyors, Mr. W. E. C. Moss (Perth); Pharmacy Board of New Zealand, Mr. A. J. Blomfield.

Provisional Programme. The provisional programme is given below. Monday, August 23.—Civic reception by the Mayor of Perth in the town hall. General Council—First meeting. Professor A. C. D. Rivett, on "The reorganized Council of Scientific and Industrial Research." President's inaugural address in the Perth Town Hall, by Professor Edward H. Rennie, on "The chemical exploitation, past, present, and future, of Australian plants." Tuesday, August 24.—Presidential address on "Atomic transmutation," by Professor Kerr Grant. Presidential address on "Forestry and land settlement," by Mr. C. E. Lane Poole. Presidential address on "The claims of the Australian aboriginal," by Professor Wood Jones. Presidential address on "Federation and finance—an examination of the financial relations of States to a Federal Commonwealth," by Major L. F. Giblin. Presi-

dential address on "Some aspects of the problem of molecular structure," by Professor James Kenner. Discussion on "The atom and valency." Discussions on "Catalysis and enzyme action" and on "Hydrogen-ion concentration." Discussion on "The teaching of hygiene in schools." Public Lecture—"The road to ruin—with a moral for Western Australia and Tasmania," by Major L. F. Giblin. Discussion on "Soil classification and survey," Public Lecture—"The duration of life," by Professor T. Brailsford Robertson.

Wednesday, August 25.—Presidential address on "The composition and origins of the Australian fauna, with special reference to the Wegener hypothesis," by Professor Launcelet Harrison. Presidential address on "The discoveries of the Western Australian coast, with especial reference to Dampier and D'Entrecasteaux," by Professor Ernest Scott. Discussion on "Biological, geological, and physical evidences regarding the relationships of Australia to other lands, with special reference to the Continental drift theory." General Council—Second meeting. Discussion on "Adult education and the Workers' Educational Association."

Thursday, August 26.—Presidential address on "The igneous rocks of South Australia—a brief survey of present knowledge relating thereto," by Professor Sir Douglas Mawson. Presidential address on "Past and future development of botanical science," by Professor A. J. Ewart. Discussion on "Poison plants." Discussion on "Water supplies—domestic, agricultural, and pastoral." Garden party by the University at Crawley. Public lecture, "The biological control of pests," by Professor T. Harvey Johnston. Public lecture, "Blondes and brunettes in antiquity," by Professor H. Darnley Naylor. Presidential address on "Nation building," by Sir Charles Rosenthal. Presidential address on "The study of the reflex," by Professor W. A. Osborne.

Friday, August 27.—Presidential address on "The relationship of veterinary science to the prosperity of the State," by Professor J. Douglas Stewart. Discussion on "Treatment of low-grade ores." Discussion on "The biological control of pests." Discussion on "Timber preservation." Presidential address on "Social and economic values in education," by Mr. P. Board. Donovan lecture on astronomy for 1926 on "Stellar evolution," by Professor A. D. Ross. Presidential address on "Notification and its relation to the prevention of disease," by Dr. Frank S. Hone.

Saturday, August 28.—Meetings of the recommendations committee. General Council, third meeting.

THE ADVANCEMENT OF SCIENCE.

THE ASSOCIATION MEETING IN PERTH.

The meeting of the Australasian Association for the Advancement of Science, which will open at Perth on Monday, is expected to be highly successful, according to the acting secretary (Dr. A. B. Walkom), who arrived in Adelaide during the week-end from Sydney. He will continue his journey this evening. The conferences are held every two years. The last was in Adelaide, and the next will be at Hobart in January, 1928.

Dr. Walkom, who is also secretary of the Linnean Society of New South Wales, said that excellent arrangements had been made by the Western Australian branch of the association. It was the first time that the meeting had been held in Perth, although the question had been mooted several times during the last 20 years. The idea was not taken up owing to the distance Perth was from the other centres. When the decision to hold the meeting in Western Australia was made it was thought that possibly about 80 members would be able to make the trip, but as a matter of fact nearly 200 were going. That included over 70 from Adelaide, 50 to 60 from Sydney, 50 from Melbourne, six or seven from Tasmania, six from Queensland, and two from New Zealand. The main party, consisting of 115, would leave Adelaide on Thursday by special train, and arrive at Perth on Sunday. The address of the president (Professor E. H. Rennie) would be delivered on Monday evening. About 30 or 40 members of the pharmacy section left on Sunday evening to hold a preliminary conference in connection with the Pharmaceutical Society. The meeting would last from Monday until Saturday, after which excursions would be taken to the south-west of Western Australia, the Irwin River, and to Kalgoorlie. Among those going from Adelaide were Professors Rennie, J. B. Cleland, T. G. B. Osborn, Kerr Grant, T. Brailsford Robertson, T. Harvey Johnston, H. Darnley Naylor, Sir Douglas Mawson, Drs. C. Fenner (Director of Technical Education), W. T. Cook, F. S. Hone, W. T. Hayward, the Government Geologist (Mr. L. Keith Ward), and Mr. L. Jack, of the Survey Department. Private hospitality was being provided at Perth for about 80 visitors.

At noon on Monday there will be a civic reception in the Perth Town Hall, and in the afternoon the council will meet, after which an address will be delivered by Professor A. D. C. Rivett on "The reorganized council of scientific and industrial research." In the evening Professor Rennie will speak on "The Chemical Exploitation of Australian Plants." On Tuesday addresses will be delivered on "Atomic Transmutation," by Professor Kerr Grant, "Forestry and Land Settlement," by Mr. C. E. Lane Poole, "The Claims of the Australian Aboriginal," by Professor Wood Jones, "Federation and Finance, an examination of the financial relations of States to a Federal Commonwealth," by Major L. F. Giblin, "Some aspects of the problem of molecular structure," by Professor J. Kenner, discussions on "The atom and valency," "Catalysis and enzyme action," "The teaching of hygiene in schools," "Soil classification and survey," and public lectures on "The road to ruin, with a moral for Western Australia and Tasmania," by Major Giblin, and on "The duration of life," by Professor Brailsford Robertson. On Wednesday, August 25, addresses will be delivered by Professor Launcelet Harrison on "The compositions and origins of the Australian fauna, with special reference to the Wegener hypothesis"; by Professor Ernest Scott on "The discoveries of the Western Australian coast with special reference to Dampier and D'Entrecasteaux," and discussions held on "Biological, geological, and physical evidences regarding the relationships of Australia to other lands, with special reference to the Continental drift theory," and on "Adult education and the Workers' Educational Association." The second meeting of the council will be held in the afternoon. On Thursday, August 26, addresses will be delivered on "The igneous rocks of South Australia; a brief survey of present knowledge relating thereto," by Sir Douglas Mawson, "Past and future development of botanical science," by Professor A. J. Ewart, "Nation building," by Sir Charles Rosenthal, "The study of the reflex," by Professor W. A. Osborne; discussions held on "Poison plants," "Water supplies, domestic, agricultural and pastoral," and public lectures on "The biological control of pests," by Professor Harvey Johnston, and "Blondes and brunettes in antiquity," by Professor Darnley Naylor. On Friday, August 27, addresses will be delivered on "The relationship of veterinary science to the prosperity of the State," by Professor J. Douglas Stewart, on "Social and economic values in education," by Mr. P. Board, on "Notification and its relation to the prevention of disease," by Dr. F. S. Hone, and discussions held on "Treatment of lower grade ores," "The biological control of pests," "Timber preservation," and a lecture on "Stellar evolution," by Professor A. D. Ross. On Saturday, August 28, the recommendations committee will meet and the third meeting of the council will be held.

News 16.8.26.

SCIENCE AND INDUSTRY

State Committee Chairman

It was announced today that although the members of the Advisory Committee of the Council of Scientific and Industrial Research which will work in conjunction with the Federal body had not



Prof. T. Brailsford Robertson

who will preside over the new Advisory Committee of the Council of Scientific and Industrial Research.

yet been appointed, Prof. T. Brailsford Robertson would be appointed.

Prof. Robertson, who is one of the leading scientists of the Adelaide University, is expected to make an excellent chairman. He has had a wealth of experience.

Other members of the committee, it is expected, will be announced shortly.