A SUCCESSFUL CONCERT. The third concert of the 1926 season of many memories of former head masters of the South Australian Orchestra, whichSt. Peter's. The first was the Rev. note. The programme consisted for theind ministerial work in Adelaide. He most part of the works of modern com-sailed with the Bishop in the Derwent, posers, and were of distinctive character, which reached Port Adelaide on Decemand included a writing by the South Ausber 28, 1847. On the Bishop's arrival, he tralian composer, Mr. Keith Duffield found a grammar school established in W. H. Foote, A.R.C.M., and the whole it with the proposed college, so the Bishop regarding the economic importance of orchestra under the leadership of Miss bought 37 acres of land near Bailey's Gar various plant diseases and pests, and the Sylvia Whitington, A.M.U.A., that writ dens with part of the £2,000 granted investigations which are in progress. It ings demanding so much of all the instruction by the S.P.C.K. Contributions began is intended to give special attention to mentalists should be presented with a to flow in, chiefly through the energy of problems which affect the irrigation settle-finish and effect really remarkable after to flow in, chiefly through the mentalists and effect really remarkable after to flow in, chiefly through the mentalists and effect really remarkable after to flow in, chiefly through the mentalists and effect really remarkable after to flow in the mentalists. finish and effect really remarkable after Mr. G. W. Hawkes, secretary to the ments on the Murray River, and which are only four rehearsals.

writing were admirably brought out. Very Mr. Wilson resigned on, account of dif-called for immediately for the appointment ful moments strikingly achieved.

enchanted light and goblins-but in a different mood; The scene is sylvan, the fairles, waked by their queen, and the music, was in keeping with the restful forest scene, a waltz measure, graceful and melodious. Across this breaks the march of the gnomes and fauns of the forest-there is something most effective in the way the contrasting themes alternate, the strings conveying the fairy music with tiny bells as a high light, the woodwind and brass stressing to influence of the goblins which develops into a war dance. A whirl of arpeggios conveys the influence of the good fairy and the disorder of the gnomes and the music drifts back to a dreamy tranquility. The handling of the whole was distinctly successful, and the per formance brought out the quality of the pluase continued until Mr. Foote con SCIENCE sented to repeat a portion of the writ

Another descriptive composition was "Shepherd Fennel's dance," a characteris tic writing by Balfour Gardiner. Com posed in 1910, this depicts a dance from one of Thomas Hardy's stories. Three Strangers," a gathering in a dwell ing among the hills, with dances inter spersed with talk. It conveys the very spirit of English country life. The musicis supposed to be supplied by a fiddle and a "serpant," and wind and string play alternately, some of the effects being most unusual. The cor anglais gives it curiously rustic effect, and there is in diense movement in the dance. This was finely conveyed, and as striking was a brief change of mo.d. the strings convey Wing the tranquil character of the older Flolk in something that held the feeling Hot a plaintive song. Then the soboe and woodwinds generally came in gand the dancing was resumed.

The feature of the programme was Saint-Saens's famous "Symphong in (tminor." with which the concert conclu ded. In this the composer has employed a very full orchestra, including the co langlais, bass clarinet, and contra-sarrus stock, the first step is to make a compreh sophone, a piano played by four hands, and othe organ. Mr. George Gardner, Mus investigations are in progress in various Bac., was at the organ. Dedicated to the I memory of Franz Liszt, the symphony supposed to convey the remantic caree of the great planist. The orchestratio who the French composer is remarkabl fine, and the interpretation given by Mt a Foote and his orchestra was particular! hatriking in every way, the full beaut the two movements being admirabl conveyed, and the quality of each instru ment being made to tell right through even the great volume of tone of the slimax. The whole was most artistic Wr performed,

By a Correspondent. The death of Canon Girdlestone revives evening, marked an achievement of special gaged by Bishop Short for educational the northern parts of the country and the preliminary work. Lady Bridges was present, and there was Trinity schoolroom. Mr. Wilson was River Problems, a large and enthusiastic andience. It says placed in charge of this. The proprietors Similarly, enquiries are to be made by a very great deal for the conductor. Mr. Wilson was a very great deal for the conductor, Mr of this school were willing to incorporate competent authorities as to the position

governors, and on Queen's birthday, 1849 of so serious concern to many of the re-The concert opened with a symphonic the foundation stone of St. Peter's Col-turned soldiers who have settled in these poem, "Ultava," by the Czech composer lege was laid. In 1850, the school was areas. In connection with both animal Smetana. The descriptive qualities of the housed in its new building. In 1851, and plant pests, applications are to be

softly the opening movement is introduced ferences with the governors. He went to of an entomologist. by two fintes, then gradually the music St. John's, Halifax street, for a brief As regards liquid fuels, Senator Pearce widens and deepens, the stream has period, after which he held a living near said that an investigation is to be comreached a country of forests. There is a Shrewsbury. He died at Powanham, in menced at once to ascertain the yields vigorous hunting scene, followed by a village wedding, and a peasants' dance. Then lage wedding, and a peasants' dance. Then as the stream slides on the sounds of prize tale of some merit, the scene of produced from wood in America on a comparison factor. merrymaking fade away, giving place to prize tale of some merit, the scene of produced from wood in America on a coma moonlit glade and a dance of water which was laid in the colony. The second mercial scale, but it cannot yet be prothe transition of the river to wild rocky acting head master. The Rev. Edmund pete, under normal conditions, with other country, and then the music drifts away, Jenkins took Mr. Allom's place in 1853, liquid fuels. The matter is, however, of two short, powerful chords marking the Fifty boys answered the roll after the such great prospective importance to This was rendered with re-Christmas vacation, and £800 was sub-Australia that it warrants thorough inmarkable effect, the delicate passages on scribed for a college chapel. The pro-vestigation. No experimental work has the strings being delightfully given, and ceeds of a bazaar amounted to £120, aug-yet been carried out to ascertain the the full volume of tone in the more force-mented by £46 private subscriptions potentialities of Australian woods for This went towards the purchase of a bell this purpose.

Fruit Export Trade. Strongly Russian in feeling, vividly des- and clock. Mr. Jenkins held office till criptive in its quaint and characteristic the arrival of the Rev. G. H. Farr (1854) Another matter to which immediate atqualities, was the second composition by the Daylesford. Mr. (afterwards Arch-tention is to be given is the investigation selected:-Stravinsky's famous ballet, deason) Farr was much beloved by his of problems affecting the cold storage and "L'Oiseau de Feu." The music seems to pupils. Mrs. Farr was always to the transport of fruit. The Commonwealth set the scene-exotic, strongly coloured, fore in good works, and the initial meet-Government intends to avail itself of the fitting the story of "Once upon a time," ings of the Girls' Orphan Home (now atoffer made by Sir Frank Heath during his and to bring the characters upon Mitcham) were held in the college library recent visit to Australia and to co-opestage. Katchei, the evil magi- (1860). Their children were George andrate with the British Department of Princess, Lewis (now passed over) and Coleridge Scientific and Industrial Research, Efforts and Prince Ivan, her rescuerer. The (Professor of Physics at the Aucklandwill be made at once to obtain on loan curious introduction in which drum University, Mary (now the wife of Canonfrom England the services of a highly and double basses preponderate leads on Heytharp, of Sydney), Eleanor (wife of qualified officer to report on the whole to wilder and ever wilder orchestral E. G. Blackmore), both passed over, Juliaposition. As regards the freezing and effects, until the horns crash in with the (the first woman missionary to Melanesiachilling of beef, further investigations are challenge of the bird of fire, and wood- from South Australia), and Gertrude (now to be carried out in co-operation with the wind and strings convey a very which resident at Blackwood. In 1878, when aAustralian National Research Council, wind of movement. Unusual in treatment new head master was wanted, Bishopwhich has already obtained results of and rhythm, this writing was perform of Short had the selection. Among the large considerable value. Senator Pearce pointed with all the forceful vividness it demanded number of applicants was the Rev. Wil-out that, owing to the long voyage to and was followed by emphatic and con- had just vacated Taunton College School zen, whereas a great deal of the beef tinued appliance. From Czech to Russier and continued applause. From Czech to Russian The Bishop, however, chose the Rev. Il from the Argentine is chilled. When frowas a marked transition, from Russian Bedell Stanford. The Rev. Francis Wil-zen beef is thawed it exudes an objectionto Australian even more so. Mr. Kei'h liams began his long association with theable drip, and its value on the London's Duffield's "Ballet fantasque," which fol- college in 1861, as third master. Hemarket is therefore ordinarily about 1d. lowed, dealt also with fairles and moon successively became second master andper Ib. less than that of Argentine chilled bursar, then acting, and finally head mas beef.

ton Forbes Laurie, S.M., of Southcott send eight specially selected graduates Port Elliot. The Rev. P. E. Raynor wasabroad for training in research. Two of Mr. Girdlestone's immediate predecessor these men will undergo a course at the Canon Girdlestone married Miss HelenBritish Fuel Research Station at Green-Crawford. Her sister, Mrs. Tom Browne, wich, two at the Low Temperature Reis resident in this State. Another sistersearch Station at Cambridge, one in rewas the late Mrs. Herbert Hughes, of search in pottery and ceramics, two in Booyoolie, Gladstone, A third sister isforestry research, and one in plant dis-Miss J. Crawford, Canon and Mrs. Girdle eases. Senator Pearce said in conclusion stone had two children-Peter Crawfordthat the council at its first meeting had

able work. Necessarily it must take some

tion in cattle, mamitis, braxy and other sheep diseases, the blow-fly pest, the Kimberley horse disease, which is a serious impediment to the settlement of the Kimberley districts of Western Australia, and is also prevalent in parts of the Northern Territory, and the buffalo-fly. pest, which is also a very serious pest in Pearce said that he had authorized the part-time employment of a highly qualified veterinary pathologist to undertake

ter. He married a daughter of Mr. Bux. Immediate steps are also to be taken to Girdlestone, now at Oxford, and acraried out a very large amount of valudaughter.

time before many new investigations can be initiated. It is the intention of the Commonwealth Government to co-operate closely with existing scientific institutions and departments in the several States, and

REC. 3.4.26 THE BRITISH COMMONWEALTH.

Australia.

IV .- By A. L. Gordon MacKay.

The argument which has been put forward, with a certain diffidence, in these articles has been as follows:-That the old British Empire was, mainly, an economic unit held together by financial ties, and that its spiritual mission was the teaching of functional organization; the war threatened these financial ties, and, by implication, the continuance of the mission; in rallying to the defence if the Empire, we found that our governmental structure, though fitted to serve the needs of the nineteenth century, was obsolete in the light of our twentieth century experience; in 1918-19 by a flash of intuitional genius, tempered by common sense, we dissolved the old pre-war Empire and substituted for it the British Commonwealth, and the formula of the day was -"The British Empire is dead, long live the British Commonwealth." We are now faced with the prosaic and difficult task of giving governmental embodiment to our "flash of genius."

We have two tasks to accomplish. We have to carry forward with us all that was best in the old Empire, leaving behind the bad; and we have to incorporate in the British Commonwealth the new ideas which we have evolved, without, in any way, destroying or impairing the best tradition of the past. Such a consummation should not interfere with the individuality of the component parts of the old Empire, nor should it militate against the security of any other nations. This is the task of the Imperial Conferences within the next few years.

The New Synthesis.

In the meantime, as we have seen, Canada, politically British, has become a financial colony of the investors of the United States whose control is mobilized in New York; South Africa is under the financial direction of a small group of cosmopolitan financiers, beset with British, Dutch, and Labour political attachments, one of which, the Dutch, is in temporary control of the machinery of government, When Capadian and South African statesmen gather round the Imperial Conference table they will, if they are wise, have one eye on the financial weathercock in their own dominion, and the other on the British Commonwealth as represented by the Bank of England; it is in the clash of these possible conflicting interests that the new synthesis is to be found.

Our Financial Institutions.

What is the position of Australia? Our financial hub consists of 20 banks organized on an independent basis for the purpose of creating activitiy and associated for the purpose of defence with a general tendency to centre its ideas round the recreated Commonwealth Bank, which registers the necessary inter-relationships of the various units in our system as these relationships arise. Three of these banks have their headquarters in London, two are New immediate steps to that end are being Zealand in their organizations, one takes taken by the constitution of a representits rise in Japan, one in Paris, and the remaining 13 are Australian. These banks hold deposits which are mainly British in composition, though it would be difficult to say exactly what is the proportion of Australian to United Kingdom money.

Australian financial centres tend to group themselves round Sydney on the one hand and Melbourne and Adelaide on the other, and these two centres have their outposts in Queensland, Tasmania, and Western Australia respectively. In these two centres operate three financial organizations which we may conveniently call the eastern, the southern, and the overseas. The "eastern" is based on the natural products of New South Wales and Queensland, with one arm stretched out to Tasmania and associated with the raw products, along with coastal shipping and terries. The "southern" is largely a metal group, and is concerned with Broken Hill, Port Pirie, north-eastern Tasmania working in with the wheat and other primary products of the States concerned. The "overseas," with its headquarters in London, operates through all the banks trading in Australia; and wool, cattle, sheep, importing and exporting interests, as well as shipping in the deep seas connotations naturally attach themselves to this organization. These three organizations also operate in Western Australia, Queensland and Tasmania, though the two firstnamed States have set up their own institutions, so as not to overtax the strength of the bigger organizations, while the primary producers are tending to set up their own institutions, so as to relieve the pressure of fiekle seasons upon the already very heavily committed older organizations.

It is desirable, in the public interest, to state emphatically that all these organizations are directed by men of the highest ability and integrity, and that they operate in the interests of the general

economic welfare against a background itish Commonwealth advancement. In

REG. 5.7.26 AND

Important Investigations.

Work for the Council.

MELBOURNE, Saturday.

The Vice-President of the Executive Council (Senator the Hon. G. F. Pearce) stated to-day that the Council for Scientific and Industrial Research had submitted to him recommendations for the immediate development of its work. The recommendations, which have now been approved by the Government, include several investigations of great importance to Australian industries.

As regards pests and diseases affecting hensive survey to ascertain exactly what parts of the Commonwealth, how far these investigations have been successful, in what way, if any, the Commonwealth Council can best assist and co-operate, and what facilities are already available for carrying on new investigations. When this information is available, the council will be in a position to determine what new work should be undertaken, where and by whom it should be carried out, and what assistance it is desirable to render to investigators who are already carrying on work on various problems. Some of the matters regarding which special enquiries will be made are contagious abor-