

take listeners for a trip from the Thames as he knew it forty years ago. Beside the master, there will be a bo'sun, the ship's boy, and a crew of sailors who will sing appropriate sea shanties.

At 2YA

AT 11.37 a.m. from 2YA, Miss Flora Cornack will give her weekly lecture on "Hollywood Affairs." At 7.40 p.m. Mr. T. M. Bateson, Sectional Secretary of the N.Z. Astronomical Association, will give a lecture on "Comets and Their History."

To-night the international programme will broadcast, the lecturer being Dr. Guy H. Scholefield, O.B.E.

Items from 3YA

The Edgware Road Methodist Church Choir Concert Party, who won the championship at the recent Christchurch competitions, assisted by the 3YA Studio Octet, will provide the programme for to-night.

The Studio Octet will present a bright programme, which will include "Fingal's Cave" overture, "La Boheme" selection, and "Henry VIII Dances."

Dunedin Notes

THE Roslyn Presbyterian Choir will present the main portion of to-night's programme.

Assisting the choir will be an instrumental trio of three ladies, Ethel Wallace, Sybil Baker, and V. Moffatt, while the accompaniste for the evening will be Miss E. Williamson, L.A.B. Humorous contributions by the choir will include "Old Mother Hubbard" and "Laughing Chorus." A male quartet—"The Orpheus Four"—will sing two very fine numbers, "Slumber Blest" and "Cornfield Melodies."

THURSDAY

Auckland Topics

The third concert of the 1931 season of the Aeolian Orchestra (under the baton of Gerald T. Lee) will be broadcast.

This orchestra, which is purely amateur, sets a high standard. Listeners are assured of a very fine programme.



BERT RAWLINSON.

Mr. Rawlinson will sing old Scottish airs from Dunedin on September 29. —Artliffe, photo.

Gleanings from 2YA

THE Waiata ladies' quartet, who have proved so popular in recent broadcasts, will again delight listeners in a budget of quartettes, duets and solos. A novelty quartet, The Neapolitans, new to 2YA, will be heard in some snappy, up-to-date melodies. The Salon Orchestra, under Mat Dixon, will be heard in several numbers

From 3YA

THE second of the series of talks by Mr. Geo. Lawn, M.A., on Russia To-day, will be included in the international programme.

FRIDAY

Notes from 1YA

THE 1YA Salon Orchestra, under the direction of Harold Baxter, will supply the instrumental portion of the evening's programme, playing many popular numbers, including "A Southern Wedding," "In a Persian Market," "Wai-anui Moon," and "Popular Songs." The vocalists will be Leslie Belcher (tenor) and Thelma Duffin, mezzo-soprano, who is contributing a group of ballads by English composers.

Items from 2YA

THE 2YA Orchestra, under Signor A. P. Truda, will play the overture "Zampa," "Geisha," the waltz "Wine, Women and Song," and the fantasia, "Faust Frivolities." Claude C. Moss, popular baritone, will sing two Mexican love songs by Woodforde-Finden, and two Maori songs. The new novelty instrumental and vocal duo—Collinson and Lees—will be heard in a number of up-to-date songs and melodies.

Christchurch Topics

MR. D. E. PARTON, late telegraph engineer, will talk on "Pioneers of Radio."

A studio concert by the Christchurch Club will be broadcast during the concert session.

Some very popular choruses will be sung and there will be quartets by the well-known male voice combination, the Beckenham Four. There will be banjo and trombone solos, and popular airs will be played by a trio of steel guitars and ukulele.

4YA Programme

A DIVERSIFIED programme will be presented to-night. Xylophone, banjo, clarinet solos, humorous items, tenor, contralto, and soprano solos, all of an exceptional quality, will figure on this evening's entertainment. The clarinet artist, T. Currier, is a very fine player, and Mrs. W. Carson, a brilliant contralto, is a new radio singer. Alex Snell (baritone), who has not been before the microphone for some considerable time, makes his reappearance with two Scottish ballads, "Bonnie Mary of Argyle" and "Standard on the Braes of Mar," and in the delightful swinging ballad, "Lackaday." Mr. W. N. Satterthwaite, one of the principal soloists of the Dunedin Returned Soldiers' Choir, will be heard in three numbers. Mrs. H. Stokes will delight listeners with banjo solos, including "Souvenir" (by Drella). Angus Gorrie will present humorous items, one of them being Max Adeler's "Mr. Barker's Picture," every line of which has a laugh in it.



BILLY HART.

This popular entertainer needs no introduction to Wellington listeners. He will be heard in several numbers at the piano on September 29. —S. P. Andrew, photo.

SATURDAY

Auckland Selections

THE Auckland Municipal Band, under the direction of George Buckley, is providing the evening programme.

Features from Wellington

UNDER the auspices of the W.E.A., Mr. W. E. Leicester, LL.B., will speak on "The English Comic Spirit."

A concert by the Wellington Apollo Singers, under the conductorship of Mr. H. Temple White, will be relayed from the Wellington Town Hall.

A very fine programme has been arranged, the features of which will be pianoforte solos by Ernest Jenner, A.R.A.M., bass solos by J. M. Caldwell and tenor solos by Eric Rishworth.

Christchurch Topics

COSTER songs by Mr. George Titchener, songs at the piano with banjo-tele by the Rose and Thistle Duo, popular airs by Elaine Moody's Hawaiian Trio (with ukulele and Spanish and steel guitars), entertaining items by the Two Rascals, and a bright programme by the Christchurch Salon Orchestra (under Mr. Francis Bate) will constitute 3YA's vaudeville entertainment, which will also be broadcast by 4YA.

An Electron Shower Broadcast

MR. H. CALDWELL, an ex-member of the U.S. Federal Radio Commission, startled listeners to W.E.A.F. recently when he broadcast the sound of an electron shower. To do this he held a battered radium dial watch to an instrument known as the Geiger counter. The electrons discharged from the radium-coated dial filtered through the counter and the sound of their striking, as transmitted through the microphone, resembled that of a fall of lead shot on a tin roof. The experiment was under the auspices of the National Research Council, thus guaranteeing, it seems, that genuine electrons were used and not lead shot.

Inventor of the Microphone

Centenary Last May

MAY 16, 1931, was the one-hundredth anniversary of the birth of Professor David Edward Hughes, whose original microphone, consisting of two nails with a third lying loosely across them, was the forerunner of the instruments now in almost universal use in the telephone systems and broadcasting studios of the world.

In the Science Museum, South Kensington, London, may be seen the microphone receiver—assembled in a simple glass specimen jar—by means of which Hughes was undoubtedly the first to detect, at a distance, the electro-magnetic waves from a crude spark transmitter actuated by a clockwork interrupted which also is accorded a place in the museum. His work between 1879 and 1886 actually made use of what we now term wireless waves, and, although the results he then obtained were wrongly attributed to electro-magnetic induction, there is no doubt that he was using the very waves which had been theoretically predicted by Clerk-Maxwell and which may be said to be responsible for the present vast organisation of broadcasting.



CHAS. MARTIN, Mus.Bac.

One of the best-known Dunedin musicians, Mr. Chas. Andrew Martin, is shortly leaving for Berlin and Vienna to continue his studies in music. Mr. Martin, whose clever and artistic accompaniments of vocalists and instrumentalists have been the subject of much commendation, has been heard often from 4YA. Almost every artist of note who has visited Dunedin has availed himself (or herself) of Mr. Martin's services, and all have stated that they have never been better served. He is the first Varsity student in Dunedin to take the degree of Mus.Bac. He is a gifted composer, and his setting of Keats's "Ode to a Grecian Urn" was given its first public rendering at a recent farewell concert to its author, earning the commendation of all critics.