

3YA Selections

UNDER W.E.A. auspices, Mr. M. J. Barnett, superintendent of Christchurch City Reserves, will give his second lecture at 3YA on "Horticulture."

Features from Dunedin

"A GUIDE through the depression—the agricultural problem" will be the subject of the W.E.A. lecture by Mr. Lloyd Ross at 4YA.

The Select Four at 4YA will sing excerpts from several of the most popular musical plays, and solos will be broadcast by well-known artists, and the Premier Mouth-organ Band, playing popular airs, should add novelty to the programme.

SATURDAY

1YA Items

ON to-night's programme, which will be of the week-end variety type, will be Miss Reta MacCullay, Scottish soprano, and Mr. Fred Baker, baritone, both singing well-known songs. The Mati Trio will entertain with Hawaiian and other airs. A miscellaneous programme will be presented by the 1YA Chamber Orchestra. At 9 o'clock "Lee Fore Brace" will tell a sea story, "Yorkie," whilst at 10 o'clock there will be the sporting summary, followed by dance music till 11 p.m.

Features from Wellington

THE W.E.A. talks on "The Earth and Man—Our Shrinking World," will be continued at 2YA by Mr. R. J. Waghorn, M.A.

3YA and 4YA

FROM 11.30, 4YA will be broadcasting trotting results from Forbury Park (second day).

4YA's Studio Concert will be broadcast also by 3YA.

How to Listen to the Carillon

(Continued from page 7.)

trill brilliantly on the smaller bells, and give us cascades of scales and arpeggios which makes the tower itself seem to be vibrating to the sound of its own music.

This capacity for brilliancy of effect is the more astonishing as practically all these effects are produced, not as at the piano, with ten fingers, but with two firmly closed fists.

At this point I want to stress again these two points, the limited resonance of the bell due to the position of the clapper and to the harmonics, which at first are bewildering to an unprepared ear, those over-tones which are ever present and must be accepted as inevitable. And from these two points I move on to the next: How and where to listen to the carillon. I am not going to name any street or actual location for the listener, for it depends on various conditions—weather, when you will huddle under the few verandas to be found in that locality (if "weather" means "rain"!); "Wind," when naturally we leave the windward side of the tower and listen on the leeward side—though if it's only a Beaufort No. 1 wind, we will not be at all disturbed!

Don't stand so that a building comes between you and the tower, for a building casts what are called "sound shadows." Keep to positions in which is the least traffic. Again, take up your position where the melody stands out from the harmonics. Concentrate on the melody and you will find that gradually the ear becomes accustomed to that ever-present mist of sound, till at last these very harmonics will reveal themselves as one of the chief beauties of bell music.

These first recitals will bring again to you, clothed with an unfamiliar but beautiful rope of sound, the old melodies which have grown out of the very souls of a great nation. They will bring, too, the songs and choruses our men sang, those men in whose honour the bells will for ever sing.

Landmark Disappears.

A FAMILIAR sight to all Melbournites is the wireless mast that crowns the little hill in the Domain, and genuine regret will be felt by many to hear that its demolition has been ordered. This mast has been a landmark for 21 years and was part of the equipment of the first commercial station in Australia, originally known as P.O.M. and later as V.I.M. I should think that 2YA's announcer had worked this station many times.

Mr. Noel Ashbridge on Empire Broadcasting.

THE B.B.C. is not yet in a position to say very much about the two new Empire stations, as the building has only just commenced. Nevertheless some interesting information was given by Mr. Noel Ashbridge, the B.B.C. chief engineer, in a talk to the Royal Empire Society. He explained how Empire broadcasting would be possible by means of short waves in the light of experience gained since the establishment of G5SW.

That station had not been able to give a satisfactory service over the whole territory which should normally be covered because it had only worked on one wavelength. The question of planning an Empire station had been explored along the lines of making use of directional effects, and for this purpose the Empire would be divided into five zones.

Starting on this basis, the technical equipment would be designed to give the best possible reception facilities for each of these zones, particular stress be-

ing laid upon good reception between 6 p.m. and midnight, local times. At the same time it is hoped to provide facilities for satisfactory reception at other times of the day by the provision of "omni-directional" aerials.

The aerial arrangements would permit of modification in order to allow advantage to be taken of experience as the service developed.

Some months of careful testing will be necessary on completion of the station before it is possible to settle down to a fixed routine method of working. It will be necessary to gain experience from these tests before a definite programme schedule could be completed. The Empire broadcasting station should be ready to radiate its initial programme before the end of this year.

AN excellent short-wave tuning tip is to mount the dial so that its edge projects slightly from the panel edge, thus producing a slight "hump" by means of which the condenser can be tuned very accurately indeed when the hand rests on the panel edge as well.

RADIO GOODS What to Buy and Where

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