December 27



LEHMANN (soprano), who LOTTE was in New Zealand during last winter, will be heard from 4YA on December 25 in a short recital of Schubert sonés

INVERCARGILL 680 k.c. 441 m.

7. 0-9.0 a.m. Breakfast session

Recordings 11. 0

12. 0-2.0 p.m. Luncheon session

Light music

Children's session: "Coral Cave: into the Cave"

Tunes of the day

"The Birth of the British Nation: Agricola" 6. 0

Reserved 8.15 "One Good Deed a Day"

6.45 After dinner music 7. 0

Station announcements 7.80

Who's who among the tenors 8. 0

"Soldier of Fortune" 8.15

In holiday mood 8.42

9. 0 Reserved

Soft lights and sweet music 9.30

Close down 40. 0

ZR GREYMOUTH 940k.c. 319 m.

7. 0 a.m. Breakfast session

9. 0 Morning programme

Weather report 10. 0

10.10-10.30 Devotional service

12. 0-2.0 p.m. Luncheon music

12.30 Reserved

1. 0 Weather report

Afternoon programme 3. 0

Classical music 3.80

Reserved 4. 0

Weather report, variety programme 4.30

B. 0 Children's session

" Westward Ho!" **5.4**0

Dinner music 6. 0

Reserved 6.15

Silas Marner

Let's all join in the party, with Tommy Handley and his Pals

Here's the latest (new release dance hits)

The Fourth Form at St. Percy's

R 42 Musical all-sorts

9. 0 Reserved

"Night Club": Presenting music by Henry King and his Orchestra Meditation music 9.20

9.50

2YH NAPIER 760 k.c. 395 m.

7. 0-9.0 a.m. Breakfast session

Light music

12. 0-2.0 p.m. Lunch session

5. 0 Light music

For the children: "Mother Ganga," an account of strange things seen and heard on the banks of the

"The Japanese Houseboy"

Light music 6.15

Weather report and forecast for Hawke's Bay 6.45

After dinner music 7. 0

Light music

Recorded talk in the series, "The Bay of Islands:" No. 4; "Henry Williams Comes to Paihia" Speaker; Douglas Cresswell

Night Club:" A special programme presenting music by Ted Weems and his Orchestra

9. 0 Reserved

Reserved
Symphonic and operatic excerpts:
Leopoid Stokowski and the Philadelphia Orchestra,
"Symphony No. 9 in D Minor"
(Recthoven) (second movement)
State Opera Chorus and Orchestra,
"Benediction of the Poignards"
("Les Huguenots")
Parts Symphony Orchestra,
"Finale, Dream of the Witches'
Sabbath" from "Fantastic Symphony" (Berlioz)
Close down

Close down

NELSON 920 k.c. 327 m.

7. 0 p.m. "John Halifax, Gentleman" (19)

Light music

Concert programme: "Did You Know?"—Items of interest about world-famous songs Know:

Band programme, with interludes by Peter Dawson (bass-baritone)

9.30 Eb and Zeb

9,40 Light music

2YD WELLINGTON 990 k.c. 303 m.

7.35 Here's a Queer Thing

7.45 The Kingsmen

7.57 Musical digest

The Woman in White 8.15 Solo artists' spotlight

8.45 Stars of the musical firmament

Out of the Silence

Night Club; "The Cabaret on Relay" 9.30

10. 0 Close down

AUCKLAND 1250 k.c. 240 m.

Light orchestral and popular 5, 0 p.m. recordings Orchestral and instrumental selec-

tions
"Search for a Playwright" 7.45

Dance music Close down

A CENSUS OF THE BIRDS

Holiday Suggestion From Dunedin

A Dunedin nature-lover, Mrs. M. I. Marples, has been telling Otago folk how to enjoy their holidays.

Here is one of her suggestions. taken from a recent talk from 4YA.

THE study of animal communities doesn't require specialised knowledge. You don't need to be able to identify many species. If you can recognise the common birds when you see them you can study the bird community. Again, you can spend as much or as little time as you want, and if you are looking for common forms you've no difficulty in finding them. And if your results are reliable, that is if your studies have been done to your best ability, and you have noted your errors, then you can make a real contribution to knowledge, which will be of value to workers both in New Zealand and in all parts of the world. That is the beauty of the study of natural life. You don't need any apparatus, to speak of, and you don't need special training, all you need is a real interest in the subject, a little patience, and the ability to complete what you have begun. Let me describe to you a piece of work I took part in in England, so that you can see the sort of thing I mean.

Rules of the Game

My husband and I were staying in the country, and we decided to make a census of birds. We chose a definite area which we could survey thoroughly in about an hour. It consisted of a strip of woodland or bush about 50 yards wide on the edge of a river and also the two paddocks adjoining the bush and a strip of lane beyond. Our aim was to find out the number of birds living on this area. Now I know you're saying, "Well, how do you know that the birds aren't just flying over or that they'll be the same to-morrow?" Just wait a bit and I'll tell you. There are certain rules to be observed in this game and there is of course a big margin of error, but not half as much as you think! The way we made the census was this. We walked slowly along, each carrying a paper on which was already written the names of all the common species which we felt sure would be there. This made it easier to note the birds, because each time we saw one of these species we only had to put a tick by its name. As we came across a bird we shouted out its name and number and the direction it was going in. For example, "Two blackbirds, gone back. One chaffinch, gone forward." In this way we checked up on each other's lists and we didn't count the bird until it had flown behind us. Now this method of counting birds would be impossible if it were not for one thing. Most birds as a rule don't move about very much, particularly during the summer when they are nest-ing and bringing up their families. They have a definite area and they stay put on that. This is not a hard and fast rule of course, but it is true enough to make a census possible. The disturbance you make walking along and counting the birds is not sufficient usually to drive

them off their own area and therefore the danger of counting the same birds twice is greatly reduced.

The Second Attempt

Well, we walked very carefully over the area we had chosen, not very fast, but not too slowly, and we counted all the birds we saw. We kept separate the numbers of each species in each part of the area, that is, on one page we noted the birds in the stretch of bush and on another the birds in each hedge of the paddocks. The whole thing took under two hours to do.

The next day at the same time we did exactly the same thing again, and the interesting and hopeful thing about this second attempt was that the results were amazingly like those of the first day. For instance, we found three pairs of chaffinches in the bush stretch on the first day and three pairs turned up on the second day in approximately the same places. Of course, the results were not identical on the two days; an owl flew out of a hollow tree on the first day and we didn't see it on the second, and there were other variations of the same sort. But it was awfully entertaining on the second day to think, "Now there ought to be a pair of Yellowhammers in this piece of hedge," and to find them at the place where you had expected them.



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