

COOKING BY RADIO WAVES

(Written for "The Listener" by RONALD McINTOSH)

THE time does not seem far distant when the housewife will be able to do all her cooking by radio. An Austrian scientist recently placed a steak in cold water and subjected it to ultra-short radio waves. The result was a grilled steak. Then a fish was fried at freezing point in the same way. The ultra-short waves, pass-

ised heat in the body, and can be used for the production of artificial fevers in the treatment of pneumonia and other diseases.

Perhaps some day whole cities may be lit by radio beams. An Australian research worker, Professor V. A. Bailey, has discovered that if a huge electrical discharge were directed towards the ionised air some 60 miles above the earth, a glowing pink cloud, some ten times the size of the moon, would appear in the sky. Ordinary road lighting would be unnecessary, for an area of 5000 square miles would be lit with the intensity of the full moon's light. To achieve this artificial aurora, Professor Bailey estimates that a 1,000,000 kw. transmitter and a special aerial system about a mile square would be needed. This would require only 2,000 times the power used in the large American and Russian broadcasting stations, and even with their power, a noticeable effect could be produced if the radiations were directed vertically upward in a narrow beam.

Aldous Huxley Turns To Films

Aldous Huxley, English writer, has become a partner in a newly-formed American film production company called Film Associates, Inc., which will operate in New York and Hollywood. Huxley will put both money and artistic effort into the venture, which plans to make shorts, documentaries and feature films. Their first production will probably be based on a script by Joseph Krumboltz on a historical theme.

In his new venture, Huxley will have a high standard of film-making to live up to—his own, which he set when he wrote, in his book "On the Margin":

"To the interminable democracies of the world, a million cinemas bring the same stale balderdash. . . . Countless audiences soak passively in the tepid bath of nonsense. No mental effort is demanded of them, no participation; they need only sit and keep their eyes open."

ing through the water, set up warming currents in the food. This is but one of the many new uses to which radio is being put.

It is claimed that workers in a factory which is equipped with loud-speakers, work faster and better than do those who are not able to work to the strains of music, but it is more surprising to find that animals, like humans, also react to wireless programmes. The milkmaid who sang at her task always got the best results from her cows, but nowadays, the scientific farmer has loud-speakers installed in the milking shed.

With hens, also greater productivity is possible, provided care is used in selecting the radio programmes. They react favourably to organ music, but speech, it has been discovered, disturbs them, and causes a falling-off in egg-production.

Kill or Cure

Radio waves can kill or cure. The wheat beetle lays its eggs in hay stooks, and with the natural development of heat in the stook, those eggs mature. Short-wave radiations passed through the stook render the eggs sterile without harming the wheat. Medical men have found that radio waves produced local-

"CANNED" AS WELL AS IN THE FLESH

Celebrities For Napier

A MORE than usually intimate interest in an item to be broadcast by 2YH on Sunday will be given Hawke's Bay listeners when they find next week's programmes announcing a celebrity concert for the following Thursday.

On Thursday, July 18, the touring celebrity artists will give a concert in Napier. It is to be broadcast. On Sunday next, July 14, 2YH will broadcast "Serenade to Music," a Vaughan Williams composition in which two of the visiting artists, Heddle Nash and Isobel Baillie, are particularly interested.

It was written specially for the Henry Wood Jubilee Concert on October 5, 1938, when it was performed by 16 leading British singers and the pick of London's orchestral talent.

Two of these singers were Miss Baillie and Mr. Nash, who have been touring New Zealand with the Centennial Festival Orchestra.

The "Serenade" is a setting of the well-known passage from "Merchant of Venice" beginning:

"How sweet the moonlight sleeps upon this mossy bank," and continuing to the lines,

"Soft stillness and the night Become the touches of sweet harmony."

The record which 2YH will use for the performance carries the BBC Orchestra, which is conducted by Sir Henry Wood himself, with the sixteen outstanding vocalists. Hawke's Bay listeners will therefore be able to hear Miss Baillie and Mr. Nash "canned" on Sunday and in the flesh on Thursday.

With them will be the Centennial String Quartet and the pianist Clifford Huntsman.

The concert is to be given in the Napier Municipal Theatre.



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