BROADCASTING SONGS OF BRITAIN'S BIRDS

Broadcasting the songs of some of the wonderful singing birds of Britain has been tried with considerable success. The warblings of the Nightingale have been heard in many countries with the Broadcast by direct wire from the bird in its native bush, sent out by the 2LO station, London.

The cello was the instrument used to bring Mr. Nightingale up to concert pitch.

We suppose it would be a drum-stick that would be used to prod Mr. (or is it Mrs.?) Rattlesnake to give such a rattling good performance on a broadcasting station down south recently.

Psychic Developments: A "Wireless" Lecture

As Delivered by Sir Arthur Conan Doyle Through the British Broadcasting Station on May 20th, 1924.

(NOTE:—Sir Arthur Conan Doyle visited Vancouver last year, and showed photographs, taken under test conditions, of ectoplasmic images, (sometimes rather loosely spoken of as spirit photographs).

In this "wireless" lecture by Sir Arthur he describes ectoplasm as the basis of psychic phenomena. Because of the increasing interest manifested in the subject, we gladly give space to this lecture, to which our attention has been specially called.) (Editor B. C. M.)

"It is a very pleasant thing to talk about a subject in such a way that no one can contradict you. However, I do not intend to abuse my opportunity, but I will confine myself to what may be fairly called the scientific side of the subject. If there should be any demand for it I will on some later occasion touch on more vital matters.

I will talk tonight about that strange substance known as Ectoplasm, and I will venture upon a prophecy. It is that if the last fifty years have been largely devoted to protoplasm, the basis of animal life, the next fifty will be largely devoted to ectoplasm, the basis of psychic phenomena.

Many who have not experimented with it will even now deny its existence. As I have repeatedly seen it, and on one occasion had it in my hand, I am as sure of it as I am of anything. But the name ectoplasm was given to it by Charles Richet, the Professor of Physiology at the University of Paris, and one of the great thinkers of the world. Such a godfather does not give a name unless he is quite sure that there is a baby. I admit that the facts seem quite incredible, but they are not more incredible than this very wireless which we are now using would have seemed a few short years ago.

There are certain people in the world who have the power under proper conditions of throwing out from their bodies a whitish vapour which is capable of solidifying into a solid substance. That substance, whether vapour or solid, is ectoplasm.

We know now, after exhaustive experiments, certain definite facts about this substance.

The first serious experiments were carried out by a French lady, Madame Bisson, the widow of the well-known journalist, Adolph Bisson. Her subject, or medium, was called Eva Carriere, or Eva C. Madame Bisson took Eva C. completely under her charge, so that she could control her and safeguard herself against fraud. In the experiments which followed she was helped by a German man of science. Dr. Schrenck-Notzing, of Munich. These two worked together for five years, and their results are destined, I think, to be the basis, not of one, but of several new sciences.

Their method was to make Eva C. change all her garments under supervision. She was then taken into the experimental room, to which she had access at no other time. At one end of this room was a small space shut in by curtains at the back and sides and top, but open in front. This is called the cabinet, and the object of it is to concentrate the ectoplasmic vapour in one place and prevent it from diffusing itself all over the room. Eva was placed in a chair, where she went into a trance. The lights were then turned down, save for a small red light. The reason of this was that experience has

shown that white light dissolves ectoplasm. It is a purely chemical reason, like that which prevents a photograph from being developed in white light. Several photographic cameras were then trained upon the cabinet, and pictures were taken by flashlight without warning so as to show what was going on. A large number of scientific men were admitted to the experiments, that they might confirm the fact that all possible precautions were taken.

The results are shown in Madame Bisson's wonderful book which contains some two hundred photographs. First you see fleecy clouds of vapour. Then you see, incredible as it may sound, that these clouds take shape, that they form faces or limbs, sometimes very crude, sometimes perfectly formed. Finally that a whole body may be built up from the ectoplasm, and that this body may resemble someone who is dead—Mr. Bisson in one instance—and may have the power to move, to walk and even to speak. In my recent book I have told in detail how I have myself spoken with ectoplasmic images.

The fact is beyond dispute. It has been confirmed since by Schrenck-Notzing in the case of the medium Stanislawa, the medium Willy S., and several others. Dr. Geley, of Paris,

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