

less she remembered the *contents* of books she had previously read in French—showing a deep connection between these two states. In the case of Mary Reynolds, she retained a "dim, dreamy idea of a shadowy past." In his work on *Double Consciousness*, M. Binet says: ". . . to sum up: from the foregoing we perceive that the separation of the two consciousnesses does not interrupt all communications between them. . . ." In the Norma case, again, studied by Dr. Henry Goddard (*Two Souls in One Body?*) Louise played Fan Tan, which game she did not know, using Norma's knowledge of it in so doing. He elsewhere speaks of the "overlapping of personalities, of which there is considerable evidence in Norma's history, and which Janet always recognizes when she says that, in these cases, there is always a fundamental stock of knowledge that is common to all the different personalities." Much additional evidence of a like nature might easily be given, showing a certain amount of inter-connection between these various personalities, no matter how great and apparently complete the degree of amnesia between them.

Finally, it should be pointed out that the psychotherapeutic treatment of such cases consists in a great degree in welding together the various personalities into one composite Whole, and this would assuredly be impossible were there not some deep bond of connection between them, rendering such merging process practicable. Two totally separate mental entities could not thus be welded together into one composite being; but, inasmuch as this has been repeatedly done, in multiple personality cases, it indicates very clearly the ultimate underlying bond between them—upon which the whole therapeutic process is in fact based.

More fundamental than these memory connections, however, are *emotional* experiences which have become buried in the subconscious. An individual may have some emotional experience in one state, which leaves a deep impress upon him. Stimulus words bearing upon this experience elicit a strong galvanic reflex. In another state the individual may have completely forgotten (consciously) this experience; nevertheless stimulus words bearing upon this experience will immediately evoke stronger galvanic reflexes than indifferent words. This was shown by Prince and Peterson in a series of experiments on the "A.C.B." case ("Journal of Abnormal Psychology," June, 1908, pp. 114-31). The emotional complex remained latent, but, quite beyond the subject's knowledge, manifested its presence by a series of galvanic reactions, which were easily detected.

Very little work has been devoted in the past to galvanometer reactions in multiple personality cases, and hence comparisons are difficult to make. Dr. Walter F. Prince (*Bulletin XI*, p. 95, Boston S.P.R.) enumerated 36 cases of dual or multiple personality which have been reported in more or less detail; but in only one or two of these have experiments of the sort been tried. The A.C.B. case (quoted) is one of these. A vast amount of work will have to be undertaken in this field before adequate comparisons are possible, but for this

work we shall have to look to the psychiatrists—since psychical researchers can hardly be expected to supply these data, which to a certain extent lie outside their special field.

In the words of Whately Smith, then, the argument thus far may be summarized as follows:

"... Repressed material . . . gives rise to reactions when it is stimulated, although it cannot come directly into consciousness. The fact that a mass of experience being 'dissociated' and inaccessible to consciousness does not mean that it cannot be reached by stimuli or that it cannot influence reactions. . . . We should, by analogy, expect that these dissociated experiences would none the less influence the reactions of the normal personality, and conversely. . . . All the available evidence suggests, therefore, that if the 'Control' of mediumistic trance is no more than a secondary personality of the medium, we ought to obtain substantially identical series of reactions, no matter whether the stimuli are applied to the normal or to the Control personality."

#### MRS. GARRETT AND "UVANI"

Now, in the case of Mrs. Garrett and her control 'Uvani,' what do we find? That the emotional reactions are extremely dissimilar in the two cases. This is shown by the galvanic deflections on the one hand, and the reaction times on the other. Bear in mind that these galvanic reactions are not under the voluntary control of the medium, and hence cannot be "faked." The medium might hesitate for some considerable time, before giving a reaction word, and this might be accounted for by assuming that the medium was taking that time to think out some word suitable to the occasion; this would be quite intelligible even on the basis of consciously fraudulent mediumship. But, in the meantime, and quite beyond her control, the galvanometer would register her emotional disturbances, which were aroused by the stimulus word, and these would tell their own story. If some fundamental memory-connection existed between 'Uvani' and Mrs. Garrett, similar to that shown to exist in cases of dual and multiple personality, we should certainly expect to find some degree of connection between the reactions noted; as a matter of fact this was shown not to have been the case! The conclusion to which we seem driven, therefore, as the result of the argument thus far, is that 'Uvani' is really some sort of independent entity, with no emotional or memory connections with the normal Mrs. Garrett, or with any get-atable portion of her subconsciousness.

This tentative conclusion was further borne out by a series of experiments in our fourth sitting (A. Series). Mrs. Garrett was given a crystal ball and asked to give a regular "reading" to Mrs. Warner, who sat opposite her. This she did, while in her normal condition, keeping up a more or less constant flow of talk throughout. A considerable quantity of supernormal information was seemingly given during the reading, as to the sitter's circumstances, environment, etc.—given elsewhere in this Report. While this was going on I, sitting close to Mrs. Garrett, whispered into her ear a number of stimulus words which had formerly elicited strong emotional reactions in 'Uvani.' None