

A REPLY TO PROFESSOR COLE

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I cannot permit Professor L. W. Cole's recent article in the Mar.—Apr. number of this Journal, entitled "The Chicago experiments with raccoons" to stand unprotected. Abstracting from the deplorable tone of the publication, I should like to draw attention to one or two points only. (1) Professor Cole interprets my position as a desertion of the sensory-motor hypothesis in favor of some vague imageless thought construct. I tried strenuously in the monograph on Delayed Reactions to make clear that the ideational function ascribed to raccoons and to the child F was of a strictly sensory content. This content in any case need not be visual. It is not necessary that mental content copy the stimulus in order to represent it. In the Delayed Reaction experiments the content could not be visual because a visual *sensation* cannot be revived or reproduced. The content of the representative factor was very probably kinaesthetic (Delayed Reaction, p. 75) and was associated with the light. These kinaesthetic sensations could be revived and used as cues to differential responses. This is mentioned in many places in the monograph and is summarized finally in the classes of animal learning on page 79. I can see no grounds for so odd a misinterpretation of my attitude. (2) Professor Cole is aghast at the use of the term "steeple" for "staple" on page 18 of my monograph. This error was probably due to a slip in the proof reading. Had Professor Cole read a few lines further down the same page, he would have found the perfectly proper usage. (3) On page 167 of his article, by quoting a portion only of a sentence which in its turn was in a vital context, Professor Cole grossly misrepresents my statements concerning odor controls. It is to be noted that a very different criticism is involved to that offered elsewhere by Professor Watson. (4) The only confirmation that my work offers of Professor Cole's is, I still believe, the agreement indicated on page 20 of my monograph.

I see no need for further comments either upon the Delayed Reaction or upon the work by Gregg and McPheeters.