required to do. He must keep note- possess. hooks, make drawings, plans, and teacher's disciplinary functions to a if I may have an opinion on such mat ters, seems to me by far the best, osychologically considered. Manualtraining methods, fortunately, are being slowly, but surely, introduced into all our large cities; but there is still an immense distance to traverse before they shall have gained the extension upon the biological conception.

only a small part of what the pupil is which they are destined ultimately to

No impression without expression, maps, take measurements, onter the then, that is the first pedagogic fruit laboratory and perform experiments, of our evolutionary conception of the consult authorities, and write essays, mind as something instrumental to He must do in his fashion what is adaptive behavior. But a word may often laughed at by outsiders when it be said in continuation. The expresappears in prospectuses under the title sion itself comes back to us, as I inof "original work," but what is really timated a moment ago, in the form of the only possible training for the doing a still further impression—the impresof original work thereafter. The most sion, namely, of what we have done. colossal improvement which recent We thus receive sensible news of our years have seen in secondary educa, behavior and its results. We hear the tion lies in the introduction of the words we have spoken, feel our own manual training schools; not because blow as we give it, or read the success they will give us a people more handy or failure of our reactions in the byand practical for domestic life and bet stander's eyes. Now, this return wave ter skilled in trades, but because they of impression pertains to the comwill give us citizens with an entirely pleteness of the whole experience, and different intellectual fibre. Labora ory, a word about its importance in the work and shop work engender a habit school-room may not be out of place. of observation, a knowledge of the It would seem only natural to say that difference between accuracy and vague-since after acting we normally get ness, and an insight into nature's com some return impression of result, it plexity and into the inadequacy of all must be well to let the pupil get such abstract verbal accounts of real return impression in every possible phenomena which, once wrought into case. Nevertheless, in schools where the mind, remain there as lifelong pos examination marks and "standing" sessions. They confer precision; be and other returns of result are concause, if you are doing a thing, you cealed, the pupil is frustrated of this must do it definitely right or definitely natural termination of the cycle of his wrong. They give honesty, for when activities, and often suffers from the you express yourself by making things, sense of incompleteness and uncerand not by using words, it becomes tainty, and there are persons who deimpossible to dissimulate your vague fend this system as encouraging the ness or ignorance by imbiguity. They pupil to work for the work's sake, and beget a habit of self reliance; they not for extraneous reward. Of course, keep the interest and at ention always here as elsewhere, concrete experience cheerfully engaged, and reduce the must prevail over psychological deduction. But, as far as our psychological minimum. Of the various systems of deduction goes, it would suggest that manual training, so far as woodwork is the purit's eagerness to know how well concerned, the Swedish sloyd system, he does is in the line of his normal completeness of function, and should never be balked except for very definite reasons indeed.

> NATIVE REACTIONS AND ACQUIRED RE-ACTIONS.

We are by this time fully launched