

pare the results with Ontario, we find that Ontario excels very materially the very best agricultural States of Union, and I believe no small part of

this result is due to the Experimental Department of the O. A. C. and to the Experimental Union.

THOMAS H. MASON.

NATURE STUDY No. II.

Some Things I Learned About the Dandelion.

By R. E. GUNN.

Everybody is familiar with the gold-headed herald of spring that makes the city lawn and rural lane bright



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with yellow sunbeams. As children we used these flowers for crowns or for money, and became familiar with their brightness; but as we grew older our familiarity turned to contempt

when we tried to drive these intruders from our lawns. Now we see that our efforts were fruitless, so once more, as when children, we greet the first dandelion of spring with joy, for we know winter is past. Having seen some peculiar traits in this little plant's method of life I grew energetic one day and decided to find out more about our friend (?) than appears on first sight.

With a spade in hand I made an excursion to find a good healthy specimen that would yield a large fund of information. Large yellow flowers beckoned me, and sure enough after digging nearly three feet I found the end of the long tap root that furnished the plant with food.

If we examine this long brown root we see it is cylindrical in shape (Fig A). Botanists call it a tap root to distinguish it from branching or fibrous forms. If we look closely we see little rootlets coming out in two lines which twist about the root from top to bottom. These rootlets take the nourishment from the soil and pump it up to the leaves and flowers. But what is this I see at the end where I have broken off a portion? A milky substance is coming out, the root is bleeding. Cutting it through I find