

rings is the hadrome, which consists of a few lignified vessels, the only lignified elements of the root. The rings which we thus observe in the beet are not to be compared with the annual of a stem, since they are developed in one season and since they are developed independently of each other, while in the stem the annual rings depend upon the cell-divisions of the same cambium.

Brookland, D.C., January, 1906.

A MAY MORNING WITH THE BIRDS IN NEW BRUNSWICK.

By W. H. MOORE.

The morning was truly delightful. The pulse of Nature was throbbing in ecstasy under the genial rays of old Sol, who had seemingly neglected his charges here upon the earth for some days before. The northward sway of bird migration had been at a standstill for a few days, but upon this morning of May (1905) the wave was fast advancing.

A walk of about a mile was taken through woods and along a highway a short distance across clearings. Birds were plentiful in all places. In trees about the lawn near the house was a number of self-naming birds, namely, Tom-Peabody, known to the scientific world as *Zonotrichia albicollis*. In a thickly grown spruce by the side of the path, a pair of robins were building a nest, and just as I walked past, one came with a great mouthful of grass. In some hazel shrubbery, nearby, were a few song-sparrows, and one Mrs. Peabody, busily engaged searching among the stranded leaves. Among the young foliage of a small yellow birch beside a brook was a redstart flitting and tumbling after various insects, and now and then stopping to sing his song of thanksgiving for being permitted to be alive this beautiful Sunday morning. Among a growth of young conifers, was a Magnolia warbler singing to his mate, who was no doubt thinking what a good locality that would be in which to breed. A black-and-white warbler was a short distance farther along among a mixed growth