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**KEY TO OHIO WALNUTS BASED ON TWIG CHARACTERS.**

JOHN H. SCHAFFNER.

*Juglans* L. Trees with valuable often very dark-colored wood, spreading branches, and fragrant bark; twigs with terminal buds and superposed axillary buds and with dark brown bark; leaf scars alternate, large, heart-shaped, not 2-ranked; bundle scars 3 or in 3 areas; stipular scars none; end of twig often showing a self-pruning scar caused by the falling away of the carpellate peduncle; pith diaphragmed, with cavities.

1. Bark of twigs very pubescent. 2.
  1. Bark of twigs glabrous; terminal bud and most of the lateral buds hemispheric or very short-pointed, but some may be cone-shaped; cultivated. *J. regia* L. English Walnut
  2. Axil of leaf scar with a hairy cushion below the buds; terminal bud light-colored, usually truncate, with long scales; lateral buds usually spher.cal. *J. cinerea* L. Butternut
  2. Axil of leaf scar without a hairy cushion; terminal bud dark-colored, usually pointed, with short scales; lateral buds ovoid-conic. *J. nigra* L. Black Walnut
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The Nature Study Review, published in New York under the editorship of Prof. M. E. Bigelow of Columbia and with a very distinguished list of associates is undertaking to develop the nature study movement along lines which will doubtless command the support of the better class of naturalists.

There has been of late years so much of a tendency to run the nature study idea into such extremely popular and superficial lines that the real purpose and intent of the originators has been endangered. That there is abundant place for every agency that will tend to extend the knowledge of nature while at the

same time avoiding the running of nature study into a mere fad of nature romance, will doubtless be agreed by all true naturalists.

Readers of the NATURALIST will find much of interest in the numbers of the Review so far published and doubtless future numbers will be of equal interest and value.

H. O.

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