



## An Outline of the Course of Botany For the State Normal School Westfield, Mass

By Charles Branch Wilson

General Books. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1903. Excerpt: . . . GROUP I. SPERMATOPHYTES OR SEED PLANTS. THE SEED AND ITS GERMINATION. PREPARATION. Select several good specimens of squash, bean and Eggplant, and soak them in tepid water for twelve hours. Soak some large kernels of corn in the same way thirty-six hours. Place a few seeds of corn, beans, wheat and oats on moist blotting paper, under a bell-jar, and leave for a few days. (Read K. and O., vol. II., part 1, pp. 420-427; Bergen, chap. I.; Gray, S., chap. II., p. 305.) THE STRUCTURE OF A SEED. I. The Bean, Pea or Squash. A. External Structure. 1. Note the shape and kind of surface. 2. Find the scar or hilum. What caused it? What is its shape? 3. Examine with a lens and find a minute orifice, the micropyle, near the hilum. 4. Find a...



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