

## KEY TO THE SEEDS OF THE WILD AND CULTIVATED GENERA OF PEAS AND BEANS IN OHIO.

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1. With a prominent beak-like micropylar point; seeds angular. *Cicer*.
1. Not with a beak like point. 2.
2. Seeds lenticular, flat, biconvex, with a groove beyond the hilum. *Ervum*.
2. Seeds not true lens shaped. 3.
3. With a prominent curved white pith-like raphe between the micropyle and the hilum. *Dolichos*.
3. Not with a prominent pithy white raphe. 4.
4. Hilum broad at one end and tapering to a point at the other, surrounded by a groove of darker color; short, kidney-shaped, more or less angular or irregular. *Vigna*.
4. Hilum, regularly oval or linear. Not broad at one end and narrow at the other. 5.
5. Seeds truncate at both ends. 6.
5. Seeds not truncate at both ends. 7.
6. A narrow white line or ridge along almost the entire hilum; testa scurfy. *Strophostyles*.
6. Hilum of the same color as the seed; testa smooth. *Glycine*.
7. Two point-like or lip-like projections beyond the hilum separated by a groove. *Phaseolus*.
7. Not having point-like projections beyond the hilum. 8.
8. Spherical, or ellipsoidal, the sides not flattened. 9.
8. Flattened on the sides, rounded at the ends. 10.
9. Veining of the testa prominent unless dark colored, often more or less bean-shaped or elongated, usually more than  $\frac{1}{4}$  in. long. *Soja*.
9. Veining not prominent, generally spherical. 11.
10. Hilum one-fifth of the circumference. *Vicia*.
10. Hilum much less than one-fifth of the circumference. *Falcata*.
11. Color white, yellow, green or gray; hilum the color of the testa; usually over  $\frac{1}{4}$  in. in diameter. *Pisum*.
11. Brown to black; hilum having a conspicuous ridge, or indentation. *Vicia* and *Phaseolus*.

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