

A NOTE ON *PASSIFLORA LUTEA* L.

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The native Yellow Passion Flower, *Passiflora lutea* L., is found only in a few localities in the southern counties of Indiana, according to Coulter's catalogue; counties mentioned are Monroe, Fayette and Jefferson. It is a vine that according to the books reaches a height of three to ten feet.

A few years ago I found several seedlings partly shaded by a beech tree on the western edge of Marion County, near Clermont. Two were transplanted into my garden; one died, the other had a struggle for existence. For the first few years there was little development; besides one main shoot there were at times small shoots which did not survive. This year (1931) there were at first three vigorous shoots, and later on three more, which, however, did not survive. The underground movement varied from six to ten inches.

Stakes six feet long were supplied, and when two of the vines reached the top they were pinched off, the result being only a few flowers. The third stake was extended to twelve feet, and by midsummer the upright vine was eleven and one-half feet long, with about one hundred flowers, followed in time by many seed pods. I have the data and figures among my garden notes. Twice, a teaspoonful of old bacteriologic peptone was applied. (This may account for this being a "Giant Plant.")

On October 2, when the thirty seed pods were ripe, I cut and dried the upper five and one-half feet. The seed have been distributed and I put up the rest in packages. Those interested in rare native plants, or who care to experiment, are welcome to them.

