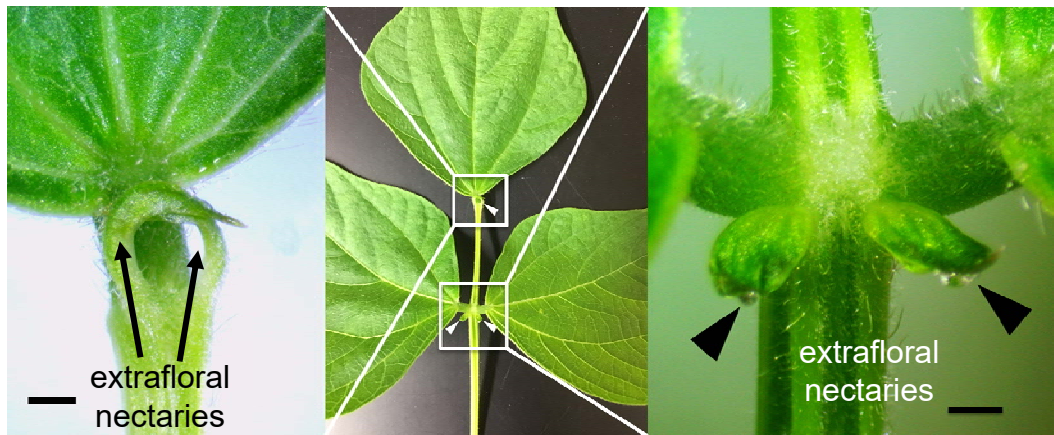
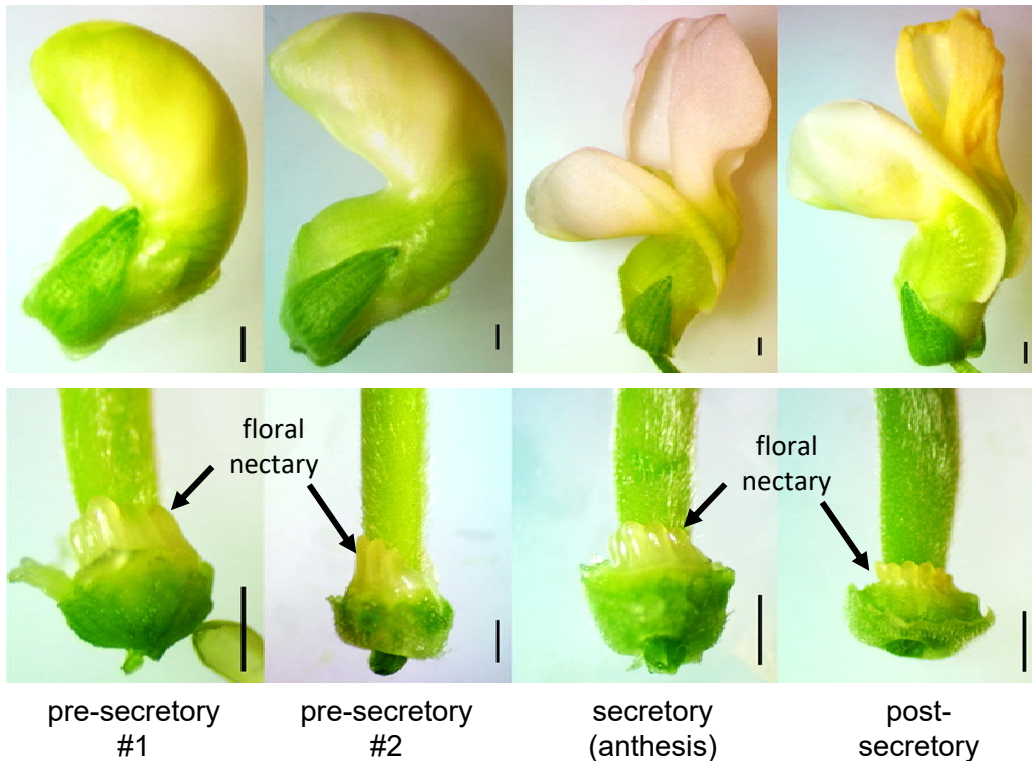


## *Phaseolus vulgaris* (common bean)



Developmental stages of bean flowers used for nectary collection and extrafloral nectar/ies. RNA has been isolated from each nectary type/stage in biological triplicate and submitted for RNA-seq.

Pre-secretory #1: 24 hours prior to anthesis. Banner petals pale yellow/green in color. Flower not open, nectar not present.

Pre-secretory #2: 12 hours prior to anthesis. Banner petals begin to turn white in color at tips. Flower not open, nectar not present.

Secretory: Full anthesis, 4 hours after dawn. Flower fully open, anthers dehisced, nectar secreted. Nectar for metabolomic and proteomic analyses were collected at this stage.

Post-secretory: 24 hours post anthesis, all petals begin yellowing in color, no nectar present, abscission beginning.

Extrafloral nectaries: Extrafloral nectaries (stipules) form at the base of the petiole of each trifoliate leaf. Nectar secretion appears to be constitutive. These have been collected for 'omic analyses