

Family Fabaceae *Pisum sativum*

I have many varieties of *Pisum sativum* growing in my yard. I planted them for food use, so I decided to steal a few for this dissection (1.) *P sativum* is an herbaceous plant, with even pinnately compound leaves with leaflets that are sessile, entire, and oval (1,4.) The plant has stipules (3,2) and at the end of each rachis are tendrils to help the plants climb (1.)

P sativum has single flowers arising from the pedicle (5) that have 5 fused sepals (6) and 5 fused petals (7,8) with bilateral symmetry. The flowers are perfect and contain multiple stamen (9) and a single pistil (10.) The single carpel (9, 10, 11) has 10 seeds (13,15) and is dehiscent along along 2 longitudinal lines.