

*Fallopia convolvulus* (L.) A. Love (*Polygonaceae*)

One seeded achene with or without perianth

**General shape:** trigonal with slightly concave sides, framed by curved, sharp ridges

**Normal size:** 3.0-4.5 L x 2.5-3.0 W x 2.5-3.0 D mm

**Color:** black

**Texture:** finely punctate, lustreless, the ridges are shiny. Often covered (entirely or partially) by the desiccated, smooth perianth.

**Distinguishing features:** the seed is widest in the middle.

**Embryo:** Embryo lies underneath one ridge and follows its curve. The nutritive storage tissue fills in the remaining interior space of the seed.



Normal seeds of *Fallopia convolvulus*



Seeds under magnification

Species of similar seeds of the genus (normal size seeds)



*Fallopia convolvulus*



*Polygonum aviculare*



*Persicaria maculosa*



*Persicaria lapathifolia*