

## Vascular Plants of Williamson County

*Phlox drummondii* subsp. *drummondii* – DRUMMOND'S PHLOX, ANNUAL PHLOX  
[Polemoniaceae]

*Phlox drummondii* Hooker subsp. *drummondii*, DRUMMOND'S PHLOX, ANNUAL PHLOX. Annual, taprooted, 1–several-stemmed at base, not rosetted, erect, in range to 29 cm tall; shoots with only cauline leaves, glandular-hairy. **Stems:** cylindric, to 3 mm diameter, tough, green aging tannish. **Leaves:** helically alternate (opposite at the lowest node or nodes), simple and sessile, without stipules; blade lanceolate or elliptic to narrowly ovate or narrowly obovate, < 10–30 × 5–8+ mm, ± lobed to subtruncate at base (not clasping), entire, acute at tip, pinnately veined with midrib somewhat raised on lower surface, dull, glandular-hairy. **Inflorescence:** leafy cyme, terminal, several-flowered, bracteate, green structures glandular-hairy; bractlet subtending pedicel narrowly lanceolate, 7–8 × 1.1–1.4 mm, > pedicel; pedicel at anthesis 3–4 mm long not increasing in fruit, with radiating, long-stalked glandular hairs, the heads colorless to yellowish. **Flower:** bisexual, radial, 16–18 mm across, unscented; **calyx** 5-lobed, 6.3–6.8 mm long, conspicuously glandular-hairy with hairs to 1.6 mm long on exposed surfaces; tube narrowly bell-shaped, 3–3.5 × 1.5–1.8 mm, alternating green to lobes and with membranous panels, each 1-veined, membranous panels relaxed later stretched by developing fruit; lobes ascending-spreading from midpoint, acuminate with fine point at tip; **corolla** 5-lobed, with darker starlike pattern radiating on limbs from throat, variable color in population, persistent if not pollinated; tube + throat slender, to 18 mm long, 1 mm diameter at midpoint, ± striped rose-red to purple red, paler to white approaching limbs; lobes fan-shaped, 8–8.5 × 8–8.5 mm, light to dark rose or pink-purple, paler on lower surface, upper surface minutely papillate; **stamens** 5, fused to corolla throat at 4–5 different levels, included; filaments decurrent on corolla, free portion threadlike, < 1 mm long (sessile), white; anthers all above level of stigma, dorsifixed, dithecal, ca. 2 mm long, light yellow, longitudinally dehiscent; pollen yellow; nectary disc below ovary, 0.3–0.35 mm tall, dark green; pistil 1, ca. 3 mm long; ovary superior, ovoid, 1 × 0.4 mm, green, 1-chambered with 3 ovules; style 3-branched, lower portion ca. 0.8 mm long, green, the branches ascending, 1.2–1.3 mm long, > stalk, pale green, papillate. **Fruit:** capsule, dehiscent by 3 valves, 1(–3)-seeded, broadly ellipsoid, ca. 3.5 × 2.5 mm; tannish, calyx tube splitting along papery panels. **Seed:** hemi-ellipsoid with flat face, ca. 3 × 1.5 mm, brown, rough and wrinkled with finer cellular texture; not mucilaginous when wetted.

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