NON-NATIVE SPECIES NEW TO THE FLORA OF ALABAMA

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ABSTRACT

Four non-native vascular plants are reported as new to the flora of Alabama: *Hemerocallis lilioasphodelus*, *Hyacinthoides ×massartiana*, *Deutzia scabra*, and *Iris sibirica*.

New records were discovered during floristic surveys conducted in Alabama during 2019–2021. State records were determined using the Alabama Plant Atlas (Keener et al. 2021), SERNEC (2021), Weakley (2020), and the Floristic Synthesis of North America (Kartesz 2020).

**HEMEROCALLIS LILIOASPHEDELUS** L.  (Hemerocallidaceae) – Yellow Day-Lily; Lemon Day-Lily.


Yellow Day-Lily (Fig. 1) is an East Asian native that is uncommon in cultivation and rarely escapes (Straley & Utech 2002). This perennial produces fragrant flowers and can bloom for an extended period, up to 50 hours (Zomlefer 1998).

**HYACINTHOIDES ×MASSARTIANA** Geerinck.  (Hyacinthaceae) – Hybrid-Bluebell; Garden-Bluebell.


Hybrid-Bluebell (Fig. 2) is a bulbous perennial that shows a range of intermediacy between parents (English-Bluebell, *Hyacinthoides non-scripta* and Spanish-Bluebell, *H. hispanica*) (McNeill 2002). Very rare in northern Alabama.

Figure 2. *Hyacinthoides ×massartiana*, Cleburne Co., Alabama, 21 March 2020. Photos by Melanie Spaulding.

**DEUTZIA SCABRA** Thunb. (Hydrangeaceae) – Deutzia; Fuzzy Pride-of-Rochester.

Deutzia (Fig. 3) is a self-seeding deciduous shrub introduced into much of the eastern USA. This species is found around old homesites, waste sites, and disturbed roadsides, and it occasionally escapes to adjacent woodlands (Weakley 2020).

Kral identified his collection of *Deutzia scabra* from Chilton County as *D. gracilis* Sieb. & Zucc. (Keener et al. 2020). The specimen was annotated by Dan Spaulding while confirming the identification of the Cleburne County collection.

![Figure 3. *Deutzia scabra*, Cleburne Co., Alabama, 13 May 2020. Photos by Melanie Spaulding.](image)

![Figure 4. *Iris sanguinea*, Cleburne Co., Alabama, 21 April 2021. Photos by Melanie Spaulding.](image)
IRIS SANGUINEA Hornem. ex Donn. (Iridaceae) – Japanese Iris; Blood Iris

Alabama. Cleburne Co.: Disturbed roadside in western Cleburne County, Piedmont province, 21 Apr 2021, M.T. Spaulding s.n. (JSU).

_Iris sanguinea_ (Fig. 4) is native to south Siberia, Japan, Korea, and north China. It rarely escapes cultivation but has become naturalized in Oklahoma and North Carolina (Weakley 2020). The Cleburne County specimen was identified by Derrick Poindexter (UNC-Chapel Hill). A morphological and DNA study (Boltenkov et al. 2020) concluded that _I. sanguinea _and _I. typhifolia_ are conspecific with _I. sibirica_.

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LITERATURE CITED


