

***DROSERA BREVIFOLIA* (DROSERACEAE), NEW TO THE FLORA OF MARYLAND**

CHASE HOWARD

9963 Weldon Nelson Lane
Westover, Maryland 21871
chasehoward.botany@yahoo.com

ABSTRACT

Drosera brevifolia is reported here as a new addition to the flora of Maryland and a northern range extension from southeast Virginia.

The diminutive *Drosera brevifolia* Pursh (dwarf sundew, red sundew) was previously known on the Atlantic Coastal Plain from southern Florida to southeastern Virginia (Weakley 2015) — it is now known to occur further north on the Eastern Shore of Maryland in Worcester County. I discovered the Maryland population of *D. brevifolia* in 2016 and the site was revisited in 2019 by a group of interested botanists, who collected the voucher.

The population consists of small, scattered colonies on bare, poorly drained sandy/peaty soil in open areas of a Nature Conservancy-owned site that was formerly an industrial pine plantation. The site has been clear-cut to restore and improve habitat conditions and it experiences periodic mowing and controlled fires. Several other state-rare plants occur at this site and *D. intermedia* is a common associate of the *D. brevifolia* colonies. The core of the *D. brevifolia* population is within the restoration site, but several plants were found along an adjacent roadside with the same soil and moisture conditions. One hundred to 200 individuals are currently estimated to occur here.

Voucher. **Maryland.** Worcester Co.: Nature Conservancy Nassawango Preserve habitat restoration site (details withheld because of rare plants at the site), clear-cut in the past, dwarf sundews rare overall but frequent in scattered patches on moist bare ground in full sun, acidic/sandy/peaty soil, with *Drosera intermedia*, 8 May 2019, McAvoy 7843 with J. Harrison, C. Howard and R. Wilson (DOV).

ACKNOWLEDGEMENTS

I am grateful to the following individuals who gave their time to help with this report: William A. McAvoy, Jason Harrison, and Ron Wilson. Many thanks to Ron Wilson for his expertise and for contacting William A. McAvoy and Jason Harrison.

LITERATURE CITED

Weakley, A.S. 2015. Flora of the Southern and Mid-Atlantic States (working draft, 21 May 2015). UNC Herbarium (NCU), North Carolina Botanical Gardens, Univ. North Carolina, Chapel Hill. <http://www.herbarium.unc.edu/FloraArchives/WeakleyFlora_2015-05-29.pdf> Accessed 10 June 2019.