

## **Selected Publications**

Brinda, J. C., **L. R. Stark**, T. A. Clark, and J. L. Greenwood. 2015. *Embryos of a moss can be hardened to desiccation tolerance: effects of rate of drying on the timeline of hardening and dehardening in Aloina ambigua (Pottiaceae)*. Annals of Botany, in press. DOI: 10.1093/aob/mcv136

**Stark L. R.** and J. C. Brinda. 2015. *Developing sporophytes transition from an inducible to a constitutive ecological strategy of desiccation tolerance in the moss Aloina ambigua: effects of desiccation on fitness*. Annals of Botany 115: 593-603, DOI: 10.1093/aob/mcu252

Raudenbush, Z., S. J. Keeley, and **L. R. Stark**. 2015. *A review: establishment, dispersal, and management of silvery-thread moss (Bryum argenteum Hedw.) in putting greens*. Crop, Forage & Turfgrass Management, DOI: 10.2134/cftm2014.0094

Paasch, A. E., B. D. Mishler, S. Nosratinia, **L. R. Stark**, and K. M. Fisher. 2015. *Decoupling of sexual reproduction and genetic diversity in the female-biased Mojave Desert moss Syntrichia caninervis (Pottiaceae)*. International Journal of Plant Sciences 176, in press.

**Stark, L. R.**, J. L. Greenwood, J. C. Brinda, and M. J. Oliver. 2014. *Physiological history may mask the inducible desiccation tolerance strategy of the desert moss Crossidium crassinerve*. Plant Biology 16: 935-946. DOI: 10.1111/plb.12140

**Stark, L. R.** 2014. *Leptodontaceae Schimper*. in *Flora North America*, Vol. 28, Oxford University Press, New York. pp. 623-626.

Brinda, J. C., **L. R. Stark**, J. R. Shevock, and J. R. Spence. 2014. *Contributions toward a bryoflora of Nevada: Bryophytes new for the Silver State. Part III*. Madrono 61: 253-258.

Greenwood, J. L. and **L. R. Stark**. 2014. *The rate of drying determines the extent of desiccation tolerance in Physcomitrella patens*. Functional Plant Biology 41: 460-467. DOI: 10.1071/FP13257

Smith, R. J. and **L. R. Stark**. 2014. *Habitat vs. dispersal constraints on bryophyte diversity in the Mojave Desert, USA*. Journal of Arid Environments 102: 76-81.

Smith, R. J., S. R. Abella, and **L. R. Stark**. 2014. *Post-fire recovery of desert bryophyte communities: effects of fires and propagula soil banks*. Journal of Vegetation Science 25: 447-456. DOI 10.1111/jvs.12094

**Stark, L. R.** and J. C. Brinda. 2013. *An experimental demonstration of rhizautoicy, self-incompatibility, and reproductive investment in Aloina bifrons (Pottiaceae)*. Bryologist 116: 43-52.

**Stark, L. R.**, J. L. Greenwood, J. C. Brinda, and M. J. Oliver. 2013. *The desert moss Pterygoneurum lamellatum exhibits inducible desiccation tolerance: effects of rate of drying on*

*shoot damage and regeneration. American Journal of Botany* 100: 1522-1531.

**Stark, L. R.**, J. C. Brinda, D. N. McLetchie, and M. J. Oliver. 2012. *Extended periods of hydration do not elicit dehardening to desiccation tolerance in regeneration trials of the moss *Syntrichia caninervis**. *International Journal of Plant Sciences* 173: 333-343.

Tuba, Z., N. Slack, and **L. R. Stark** (editors). 2011. *Bryophyte Ecology and Climate Change*. Cambridge University Press, Cambridge.

Proctor, M. C. F., M. J. Oliver, A. J. Wood, P. Alpert, **L. R. Stark**, N. L. Cleavitt, and B. D. Mishler. 2007. Desiccation-tolerance in bryophytes: a review. *Bryologist* 110: 595-621.