



## REFEREED RESEARCH

- Storage time, light exposure, and physical scarification effects on *Artemisia cana* seed germination 4  
**Autumn D Watkinson, M Anne Naeth, and Shelley Pruss**

- Fertilizer and container requirements of *Balsamorhiza sagittata* and *Phacelia hastata* var. *hastata* under greenhouse production 15  
**Charissa M Bujak and Tracy A O Dougher**

- Development of a vegetative propagation protocol for *Asclepias tuberosa* 27  
**Mary Lewis, Matthew Chappell, Paul A Thomas, Donglin Zhang, and Ockert Greyvenstein**

- Population dynamics of *Viola pedata* on deep sandy soils in a fragmented and degraded landscape 35  
**Janet L Gehring, Caitlin Foster, and Alan Yepsen**

## GERMPLASM RELEASE

- Notice of release of seven little bluestem populations selected for canopy morphology: selected classes of germplasm 45  
**Tim L Springer**

- Notice of release of Guadalupe Germplasm white tridens: a selected class of natural germplasm 54  
**Anthony Falk, Forrest S Smith, Colin S Shackelford, John R Bow, Keith A Pawelek, John Lloyd-Reilly, Shelly D Maher, and Brandon Carr**

## PROPAGATION PROTOCOL

- Propagation protocol for blowout penstemon (*Penstemon haydenii*), a federal endangered species of the Nebraska Sandhills and Wyoming 65  
**Richard Gilbert, Tara Luna, and Greg Wright**

- Seed propagation protocol for endangered Shivwits milk-vetch 70  
**Laura Schrage and Kathleen Dilley**

## GENERAL TECHNICAL

- An assessment of the native and invasive horticultural plants sold in the mid-Atlantic region 74  
**George Coombs, Denise Gilchrist, and Patricia Watson**

- Fifth summary of the native seed germination studies of Norman C Deno: species with names beginning with letters P and Q 83  
**Prepared by Stephen L Love and Candace J Akins**

- AUTHOR GUIDELINES** 112

**Photo credits:** (top) Blowout penstemon seedlings (*Penstemon haydenii* S. Watson [Plantaginaceae]), photo by Richard Gilbert; (middle) root plug of an arrowleaf balsamroot and roots of the same species grown in a square container (*Balsamorhiza sagittata* (Pursh) Nutt. [Asteraceae]), photos by Charissa M Bujak; (bottom) Shivwits milk-vetch seedlings (*Astragalus ampullarioides* Welsh [Fabaceae]), photo courtesy of Zion National Park.