

**REFEREED RESEARCH**

- A growth stage and heat-unit model for *Hedysarum boreale* 4
Michael D Peel, Blair L Waldron, Ivan W Mott, and Scott Walker

REFEREED RESEARCH

- Improved germination of two *Sphaeralcea* A. St.-Hil. (Malvaceae) species with scarification plus stratification treatments 13
Bruce Dunn

- Scalping improves early growth of longleaf pine seedlings 18
David B South

- Making a smoker to produce cellulose-based smoke for treating forest tree seeds 27
Ken Roeder, James West, and Bobby Smith

REFEREED RESEARCH

- Tolerance of native wildflower species to postemergence herbicides 31
Jessica L Wiese, Elai N Keren, and Fabian D Menalled

- Propagating shrub yellowroot (*Xanthorhiza simplicissima* Marsh.) 37
Kate Pawling

- Perigynium removal improves seed germination in awl-fruit sedge (*Carex stipata*) 41
Nate Hough-Snee and Derrick D Cooper

REFEREED RESEARCH

- Patterns of adaptation in three native grasses in northern California 45
Jay H Kitzmiller and Linnea Hanson

REFEREED RESEARCH

- Prospects for conservation of an endemic woody species native to Florida, *Chionanthus pygmaeus* (pygmy fringetree), through seed and vegetative propagation 62
Amanda L Bayer and J Ryan Stewart

GERMPLASM RELEASE

- Notice of release of Bonita Germplasm plains lovegrass: selected class of certified seed 70
Mary E Hershdorfer, Heather Dial, and Manuel Rosales

BOOK REVIEWS

- Baboquivari Mountain Plants: Identification, Ecology, and Ethnobotany* 74
Nursery Manual for Native Plants: A Guide for Tribal Nurseries, Volume One, Nursery Management 75