

## Review Paper

231 *R Aly* Trafficking of molecules between parasitic plants and their hosts

## Methods

242 *J Rasmussen, J Nielsen, F Garcia-Ruiz, S Christensen & J C Streibig* Potential uses of small unmanned aircraft systems (UAS) in weed research

## Research Papers

249 *A M Rask, S U Larsen, C Andreassen & P Kristoffersen* Determining treatment frequency for controlling weeds on traffic islands using chemical and non-chemical weed control

259 *C S Sheppard* How does selection of climate variables affect predictions of species distributions? A case study of three new weeds in New Zealand

269 *J Izquierdo, F Bastida, J M Lezaún, M J Sánchez Del Arco & J L Gonzalez-Andujar* Development and evaluation of a model for predicting *Lolium rigidum* emergence in winter cereal crops in the Mediterranean area

279 *R Pineda-Martos, L Velasco, J Fernández-Escobar, J M Fernández-Martínez & B Pérez-Vich* Genetic diversity of *Orobanche cumana* populations from Spain assessed using SSR markers

290 *T Imaizumi, Y Kataoka, S Ogata & A Uchino* Genetic diversity within and between sulfonylurea-resistant and susceptible populations of *Schoenoplectus juncooides* in Japan