## International Journal of Wildland Fire

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Contents	Volume 18	Issue 2	2009	
Ecological thresholds and the status of fire-sensitive vege in western Arnhem Land, northern Australia: implication for management Andrew C. Edwards and Jeremy Russell-Smith International Journal of Wildland Fire 18, 127–146	ns three in m year prind are	sholds to fire man nonsoonal norther fire history and cipally from Lan shown to substa	agement of fire-ser rn Australia. Based I vegetation struct dsat-scale imagery	fire regime ecological native vegetation types on validated sixteentural mapping derived y, current fire regimes cologically sustainable types.
Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape succession models  Geoffrey J. Cary, Mike D. Flannigan, Robert E. Keane Ross A. Bradstock, Ian D. Davies, James M. Lenihan, Chao Li, Kimberley A. Logan and Russell A. Parsons International Journal of Wildland Fire 18, 147–156	e-fire- fuel, year com and over	different levels -to-year variation puter models of ignition manage	of effort in manag in in weather were fires in landscapes ment were found	pproaches to managing ging fire ignitions, and determined using five s. Variation in weather to consistently prevail a range of fire-prone
Public perspectives of fire, fuels and the Forest Service in the Great Lakes Region: a survey of citizen–agency communication and trust <b>Bruce A. Shindler, Eric Toman and Sarah M. McCaffr</b> International Journal of Wildland Fire <b>18</b> , 157–164	fuel in th ey Wiso deno	reduction praction ne Great Lakes Reconsin). The mail ce in the Forest Se	ces and related risk degion of the US ( survey data also a	pectives of citizens on ks on National Forests Michigan, Minnesota, ddressed public confi- rimplement treatments actions.
Effectiveness of prescribed fire as a fuel treatment in Calif coniferous forests  Nicole M. Vaillant, Jo Ann Fites-Kaufman and Scott L. Stephens International Journal of Wildland Fire 18, 165–175	stand the expe treat	ds on eight Nati effectiveness of trerienced less seve ement conditions,	onal Forests in C eatments. After proper fire behavior. H	were modeled for nine alifornia to determine escribed fire, all stands lowever, based on prenat are at elevated risk resources.
Predicting mortality of ponderosa pine regeneration after prescribed fire in the Black Hills, South Dakota, USA <i>Mike Battaglia, Frederick W. Smith and Wayne D. Shepperd</i> International Journal of Wildland Fire 18, 176–190	dero anal root: thres light	sa pine seedlings ysis indicated the s, and cambium all sholds between pot t their susceptibility	s and saplings on at tree size and of all caused mortality. onderosa pine seedle ity to different dam	o the mortality of pon- prescribed burns. The damage to the crown, Differences in damage ings and saplings high- tage pathways and give ag burn prescriptions.
Environmental and climatic variables as potential drivers of post-fire cover of cheatgrass ( <i>Bromus tectorum</i> ) in seeded and unseeded semiarid ecosystems <b>Douglas J. Shinneman and William L. Baker</b> International Journal of Wildland Fire <b>18</b> , 191–202	gras ecos time itatic cal s	s dominance after systems. Cheatgra e since fire, pre-fir on; negatively con soil crust cover, sp	r wildfire in piñon- ass cover was pos re annual forb cover related with pre-fi	edict non-native cheat- juniper and sagebrush itively correlated with er, and post-fire precip- re measures of biologi- d precipitation; and not reding.
The influence of leaf water content and isoprenoids on flammability of some Mediterranean woody species <i>Manuela De Lillis, Pietro Massimiliano Bianco and Francesco Loreto</i> International Journal of Wildland Fire 18, 203–212	cont Med temp may	ent and emission literranean tree s perature of flame	n on leaf flammal pecies. The two vappearance in oppo perature of flame ap	content and isoprenoid bility was assessed in variables influence the osite ways. Isoprenoids opearance considerably

ii Int. J. Wildland Fire Contents

Litter burning does not equally affect seedling emergence of native and alien species of the Mediterranean-type Chilean matorral

Susana Gómez-González and Lohengrin A. Cavieres International Journal of Wildland Fire 18, 213–221

Soil responses to fire in Mediterranean forest landscapes in relation to the previous stage of land abandonment *Joan Llovet, Manuel Ruiz-Valera, Ramon Josa and V. Ramon Vallejo* 

International Journal of Wildland Fire 18, 222–232

This paper reports differential seedling emergence from the soil seedbank of alien  $\nu$ . native species in the Chilean matorral after experimental fires. Implications for post-fire alien invasion are discussed in relation to other Mediterranean-type ecosystems.

The abandonment of old agricultural terraces is a widespread phenomenon in the NW Mediterranean basin. We studied the interaction between age of abandonment and soil response to fire. Long-abandoned terraces colonised by pine forest were seen as vulnerable to fire and highly dependent on post-fire rain to recover.



Photo:  $\ensuremath{\mathbb{C}}$  Bushfire CRC photo archive