

*Species Conservation - 3rd year option* **REFERENCE LIST LECTURE 7/16**

- Bowman (2012) *Bring elephants to Australia?* Nature **482** p30 - using elephants and small fires to restore Australia flora & fauna. In 2011 5% of Australia burned.
- Choat et al (2012) *Global convergence in the vulnerability of forests to drought* Nature **491** p752 - investigations of different tree species shows that all forests, including wet forests, are equally at risk from drought conditions
- Erskine et al. (2012) *Sustaining metal loving plants in mining regions* Science **337** p1172 - metallophytes are needed for restorations projects on mining sites but the species are being neglected
- Kappelmann, D. *The Louis Kappelmann farm on Bouef Creek in Franklin & Gasconade Co. Missouri* (website <http://boeufcreeknature.com>)
- Kirkham, F.W. et al. (2009) *Impacts of fertilisers and lime on plants in hay meadows* Biological Conservation **141** p1411
- Koenig, R. (2009) *Unleashing an army to repair alien-ravaged ecosystems* Science **325** p562
- Malakoff (2012) *Researchers hail new restoration program funds* Science **337** p22 following the Gulf of Mexico BP oil spill at least \$5B is being put into habitat restoration research
- Merryweather, J. (2007) *Planting trees or woodlands? An ecologist's perspective* British Wildlife **18(4)** p250
- Mossman et al (2012) *Does managed coastline realignment create salt-marshes with "equivalent biological characteristics" to natural reference sites* J of Applied Ecology **49** p1446-1456 - in a word no. Some habitats are more easy to restore than others
- Nijhuis (2012) *Burnout* Nature **489** p352 - Forests in Western America are suffering form climate change, mega fires and insects - they may never recover
- Normile, D. (2010) *Saving forests to save biodiversity* Science **329** p1278
- O'Mara FP (2012) *The role of grasslands* Annals of Botany **110** p1263-1270 - the area of agricultural land has not increased since 1991 so current land has to yield more to feed the world in the future. Grasslands are a vital part of the global agricultural system covering 69% of that land.
- Roberts, L. et al. *The rise of restoration ecology* Science **325** p555
- Stone, R. (2009) *Nursing China ailing forests back to health* Science **325** p556
- Stone (2012) *For China & Kazakhstan, no meeting of the minds on water* Science **337** p405 - an early dispute on water supplies - water flow to Kazakhstan has fallen by 80%
- Wildlife Trusts (2012) *Nature Improvement Areas* [www.wildlifetrusts.org/nia](http://www.wildlifetrusts.org/nia) - see also the Ray River Flood Plain project RSPB & BBOWT working together
- Yang et al (2013) *Sustaining China's water resources* Science **339** p141 - China's fresh water crisis depends on the behaviour of the local people
- All-Ireland species action plan - Killarney Fern* (2008) [www.ehsni.gov.uk](http://www.ehsni.gov.uk). Also see JNCC website & National Botanic Garden Glasnevin website for more information on this iconic species
- Fry, C. (2011) *How to make a meadow* Kew Magazine **Autumn 2011** p42 Available as a download from [http://www.kew.org/ucm/groups/public/documents/document/kppcont\\_044574.pdf](http://www.kew.org/ucm/groups/public/documents/document/kppcont_044574.pdf)
- Cable, S. et al. (2011) *On the road to recovery* **Autumn 2011** p26 (difficult to get hold of)
- Carbon-capture role for England's vanishing meadowland* [www.grasslands-trust.org](http://www.grasslands-trust.org)