

Dr W.M. (Mark) Lonsdale

Personal Information

- Nationality: Australian/British
- Date of Birth: 19 April 1957
- I divide my time between Australia and France in order to fulfil my international commitments to biodiversity science

Professional experience

2014 – present Canberra

Professorial Fellow at Charles Darwin University

Adjunct Senior Research Fellow at Monash University

- Member of Multidisciplinary Expert Panel of [IPBES](#) (2015-2018)
- Chair, Independent Technical Reference Group, Kosciuszko National Park Wild Horse Management Plan
- I am working to put excellent science at the service of policy makers

2013 - 2014 CSIRO Canberra

Biodiversity Portfolio Director

- Oversee CSIRO's \$28M p.a. biodiversity research portfolio.
- Build collaborations across CSIRO and with external agencies, industries and universities.
- Co-edited the [CSIRO Biodiversity Book](#) – available as hard copy or as a free eBook, and describing for the public the latest scientific knowledge on Australia's biodiversity.

2010 - 2013 CSIRO Ecosystem Sciences Canberra

Chief of Division

- Merged CSIRO's Sustainable Ecosystems and Entomology Divisions to form a new integrated division of sustainability research.
- Managed the Division's \$60M budget, 500 staff, and 16 sites across Australia and the globe.
- Led a significant improvement in science productivity metrics across the merged division.

2007 - 2010 CSIRO Entomology Canberra

Chief of Division

- Managed the Division's \$35M budget, 300 staff, and seven laboratories across Australia and the globe
- Provided strategic leadership for CSIRO Entomology
- In addition, in 07-08, supervised CSIRO's demerger from Ensis forest science joint venture with NZ and led reintegration of Forest Biosciences into CSIRO

2003 - 2007 CSIRO Entomology Canberra

Assistant Chief (2003- 2005); Deputy Chief (from 2005).

- Represented the Chief in external fora
- Assisted Chief to manage the Division's \$35M budget, 250 staff, and seven

laboratories across Australia and the globe

2001 - 2003 CSIRO Entomology Canberra

Strategy Director - Environment

- As part of the senior management team, provided strategic direction for CSIRO Entomology's environmental research.
- Drove implementation of the Division's Strategic Plan for 2002-2007.
- Led research into risk analysis, biosecurity, complex systems, ecological implications of GMOs, and plant invasions.

1999-2001 CSIRO Entomology Canberra

Program Leader, Weed Management Program

- Managed financial, capital and human resources and intellectual property of the Program (50 staff in four Australian and three overseas locations)
- Carried out research into integrated management of temperate weeds and into plant invasions.

1995 - 1998 CSIRO European Laboratory Montpellier, France

Officer in Charge

- Managed financial, capital and human resources and intellectual property of the Laboratory.
- Carried out research into biological control of Mediterranean weeds and into plant invasions.

1984 – 1995 CSIRO Entomology TERC, Darwin, NT

Weed ecologist and Deputy Officer in Charge

- Studied ecology and impact of tropical weeds including *Mimosa pigra*, and monitored impact of biocontrol agents

1981 – 1983 Federal University of Technology Bauchi, Nigeria

Lecturer (2 year contract)

- Taught ecology, biology and biogeography.

Additional professional/ leadership activities

- 2013 – 2014: coordinator of Australian regional node bid for the Future Earth secretariat.
- 2013 - present: Member of the Editorial Board of The Conversation. (Chair, 2013 – 2014).
- 2013 - 2015: Co-Chair of the interim Multidisciplinary Expert Panel of [IPBES](#).
- 2005 – present: [faculty member](#), F1000, Conservation and Restoration Ecology
- 2010 - 2014: Member of CSIRO Publishing Advisory Committee and Co-Chair of CSIRO journals' Board of Standards.
- 2010: Chair of the Local Organizing Committee for the Ecological Society of Australia 50th anniversary conference, Canberra.
- 2007- 2014: Invited member of the Diversitas Science Committee; delivered new Strategic Plan 2011

- 2006 – present: member, Australian Dept of Agriculture’s Eminent Scientists’ Group on biosecurity (reappointed 2010 and 2013).
- 2005: led the development of research priorities for the Australian Federal Government’s Defeating the Weeds Menace R&D program
- 2005 – 2011: member, Board of the CRC for Invasive Animals
- 2004 – 2010: Invited board member, Global Invasive Species Program (Chair from 2004-2006).
- 1998 – 2000 Wrote and supervised the successful bid for a new Australian national Weeds CRC (2001 – 2008, A\$2.8M pa)
- 1996 – 2002: Member, Editorial Board of Journal of Applied Ecology
- 1996-2000: member, Editorial Board, Australian Journal of Ecology
- 1998 – 2009: Member, Editorial Board of Biological Invasions

Invited participation in outside forums (a selection only)

- Keynote speaker on biological invasions, INTECOL Conference London 2013
- Invited speaker at US NRC Symposium “Twenty-First Century Ecosystems”, Washington, February 2009.
- Invited to participate in joint paper on invasions at University of Arizona September 2007
- Invited speaker on invasions, Diversitas Conference, Mexico, 2005
- Invited as keynote speaker on biosecurity risk to the Society for Risk Analysis, Melbourne August 2006
- Invited keynote speaker reviewing Australia’s weed strategies at Australian Weeds Conference Perth, November 2002.
- Invited as keynote to speak on science and invasions, CABI Conference, Beijing, 2004.
- Invited speaker at International Biodiversity Observation Year meeting, Maryland USA June 2001
- Keynote speaker at invasions meeting at University of Minnesota May 2002
- Keynote speaker reviewing Australia’s weed strategies at Australian Weeds Conference Perth November 2002
- Keynote speaker on strategy for managing invasive species for IPINAMS conference, Florida 2003
- Expert witness on GMOs at New Zealand Royal Commission into Biotechnology, March 2001 (by invitation of NZ parliamentary Commissioner for the Environment)
- Speaker on the environment and GMOs at Biotechnology Australia’s GM forum Launceston 2001

- Speaker on GMOs and Risk at SA Academy of Science 2001
- Chaired session on environmental risks of GMOs at OECD meeting in December 2001, Raleigh, NC.

Education

1978 - 1981 University of East Anglia Norwich, England

Ph.D.

- Thesis topic – “Studies on thinning in pure and mixed populations of plants” (density-dependent mortality in plants).
- Supervisor – Dr A.R. Watkinson

1975 - 1978 University of Manchester Manchester, England

B.Sc. (Hons) Degree in Biology

Professional Development

- Graduate of the Australian Institute of Company Directors: April 2004.
- Undertook a three week residential course (Leading the Research Enterprise) in research management run by CSIRO in 2004-05.
- Have undertaken regular Executive coaching with Colin Pitson, Veritas Alliance, Canberra (<http://www.veritasalliance.com.au/>).

Professional memberships

Ecological Society of America

Referees

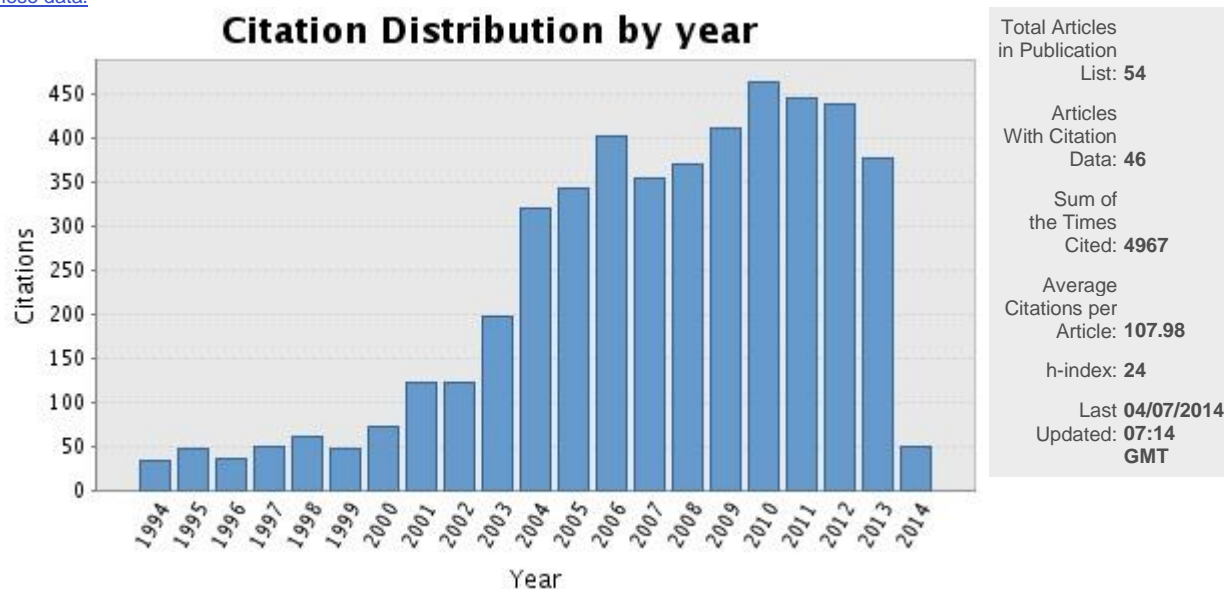
On application

W.M. Lonsdale - Publication list

Citation metrics in 2014 (Researcher ID no: C-1403-2008; [Google Scholar](#)).

This graph shows the number of times the articles on the publication list have been cited in each of the last 20 years.

Note: Only articles from Web of Science Core Collection with citation data are included in the calculations. [More information about these data.](#)



Refereed scientific publications

*Papers cited 10 or more times in the ISI Web of Science; **papers cited 30 or more times;

papers cited 100 or more times; *papers cited 300 or more times.

1. Díaz S, Demissew, S, Carabias, J, Joly, C, Lonsdale, M, *et al.* (2015) The IPBES Conceptual Framework — connecting nature and people. *Current Opinion in Environmental Sustainability* 14, 1–16.
2. Díaz S, Demissew, S, Carabias, J, Joly, C, Lonsdale, M, and Larigauderie, A. (2015): A Rosetta Stone for Nature's Benefits to People. *PLoS Biol.* 13(1): e1002040. Published online 2015 Jan 13. doi: [10.1371/journal.pbio.1002040](https://doi.org/10.1371/journal.pbio.1002040)
3. Cook, DC; Fraser RW; Paini, DR, Warden AC, Lonsdale WM, De Barro PJ (2011) Biosecurity and yield improvement technologies are strategic complements in the fight against food insecurity. *PLOS ONE*, **6**: 10.1371/journal.pone.0026084
4. Lonsdale WM & FitzGibbon F (2011) The known unknowns – managing the invasion risk from biofuels. *Current Opinion in Environmental Sustainability*, **3**, 31 - 35.
5. Cook, DC; Liu, SG; Murphy, B; Lonsdale, W.M. (2010) Adaptive approaches to biosecurity governance. *Risk Analysis*, **30**, 1303-1314.
6. Lonsdale, M. (2010) Pest risk assessment and invasion pathways: invasive weeds. *New Zealand Journal Of Forestry Science*, **40** (Supplement): 73-76.
7. Perrings, C.; Burgiel, S.; Lonsdale, M.; Mooney, H.; Williamson, M. (2010) International cooperation in the solution to trade-related invasive species risks. *Annals Of The New*

York Academy Of Sciences, **1195**, 198-212.

8. *Morton, S.R.; Hoegh-Guldberg, O.; Lindenmayer, D.B.; et al. (2009) The big ecological questions inhibiting effective environmental management in Australia. *Austral Ecology*, **34**, 1-9.
9. Mason, T.J.; French, K.; Lonsdale, W.M. (2009) Do graminoid and woody invaders have different effects on native plant functional groups? *Journal Of Applied Ecology*, **46**, 426-433
10. *Caley, P., Lonsdale, W.M. & Pheloung, P.C. (2006) Quantifying Uncertainty in Predictions of Invasiveness. *Biological Invasions*, **8**, 277-286.
11. *Firbank, L., Lonsdale, M. & Poppy, G. (2005) Reassessing the Environmental Risks of GM Crops. *Nature Biotechnology*, **23**, 1475-1476.
12. *Huyer, R.K., Briese, D.T., Dowling, P.M., Kemp, D.R., Lonsdale, W.M., Michalk, D.L., Neave, M.J., Sheppard, A.W. & Woodburn, T.L. (2005) Can an Integrated Management Approach Provide a Basis for Long-Term Prevention of Weed Dominance in Australian Pasture Systems? *Weed Research*, **45**, 175-192.
13. *Godfree, R.C., Young, A.G., Lonsdale, W.M., Woods, M.J. & Burdon, J.J. (2004) Ecological Risk Assessment of Transgenic Pasture Plants: a Community Gradient Modelling Approach. *Ecology Letters*, **7**, 1077-1089.
14. **Buckley Y.M., Rees, M. Paynter, Q. & Lonsdale, M. (2004) Modelling integrated weed management of an invasive shrub in tropical Australia. *Journal of Applied Ecology*, **41**, 547-560.
15. *Vila, M., Williamson, M. & Lonsdale, W. (2004) Competition experiments on alien weeds with crops: lessons for measuring plant invasion impact? *Biological Invasions*, **6**, 59-69.
16. *Islam, N., Lonsdale, M., Upadhyaya, N. M., Higgins, T. J., Hirano, H., and Akhurst, R. Protein extraction from mature rice leaves for two dimensional gel electrophoresis and its application in proteome analysis. *Proteomics* **4**, 1903-1908. 2004.
17. Hayes, KR, Gregg, PC, Gupta, V. V. S. R., Jessop, R., Lonsdale, W. M., Sindel, B., Stanley, J., and Williams, C. K. (2004). Identifying hazards in complex ecological systems. Part 3: Hierarchical Holographic Model for herbicide tolerant oilseed rape. *Environmental Biosafety Research* **3**, 109-128.
18. *Paynter Q, Csurhes SM, Heard TA, Ireson J, Julien MH, Lloyd J, Lonsdale WM, Palmer WA, Sheppard AW & van Klinken RD (2003) Worth the risk? Introduction of legumes can cause more harm than good: an Australian perspective. *Australian Systematic Botany*, **16** (1), 81-88.
19. *Williamson, M., Gaston, K.J. & Lonsdale, W.M. (2002) An asymptote is an asymptote and not found in species-area relationships. *Journal of Biogeography*, **29**, 1713.
20. ***Byers, J.E., Reichard, S., Randall, J.M., Parker, I.M., Smith, C.S., Lonsdale, W.M., Atkinson, I.A.E., Seastedt, T.R., Williamson, M., Chornesky, E. & Hayes, D. (2002) Directing research to reduce the impacts of non-indigenous species. *Conservation Biology*, **16**, 630-640.
21. **Williamson, M., Gaston, K.J. & Lonsdale, W.M. (2001) The species-area relationship does not have an asymptote! *Journal of Biogeography*, **28**, 827-830.
22. **Mack, R.N. & Lonsdale, W.M. (2001) Humans as global plant dispersers: getting more than we bargained for. *Bioscience*, **51**, 95-102.

23. Lonsdale, W.M. (2000) Swapping space for time and unfair tests of ecological models: a reply to Tyre et al. *Austral Ecology*, **25**, 332.
24. ****Mack, R.N., Simberloff, D., Lonsdale, W.M., Evans, H., Clout, M. & Bazzaz, F.A. (2000) Biotic invasions: causes, epidemiology, global consequences, and control. *Ecological Applications*, **10**, 689-710.
25. Walker, B. and Lonsdale, W. M. 2000. Genetically modified organisms at the crossroads: Comments on "Genetically Modified Crops: Risks and Promise" by Gordon Conway. *Conservation Ecology Online* 4(1), 12.
26. ****Lonsdale, W.M. (1999) Global patterns of plant invasions and the concept of invasibility. *Ecology*, **80**, 1522-1536.
27. Smith, C.S., Lonsdale, W.M. & Fortune, J. (1999) When to ignore advice: invasion predictions and decision theory. *Biological Invasions*, **1**, 89-96.
28. Parker, I.M., Simberloff, D., Lonsdale, W.M., Goodell, K., Wonham, M., Kareiva, P.M., Williamson, M.H., Von Holle, B., Moyle, P.B., Byers, J.E. & Goldwasser, L. (1999) Impact: toward a framework for understanding the ecological effects of invaders. *Biological Invasions*, **1**, 3-19.
29. *Lonsdale, W.M. & Farrell, G.S. (1998) Testing the effects on *Mimosa pigra* of a biological control agent *Neurostrota gunniella* (Lepidoptera : Gracillariidae), plant competition and fungi under field conditions. *Biocontrol Science and Technology*, **8**, 485-500.
30. Lonsdale, W.M., Braithwaite, R.W., Lane, A.M. & Farmer, J. (1998) Modelling the recovery of an annual savanna grass following a fire-induced crash. *Australian Journal of Ecology* , **23**, 509-513.
31. Lane, A.M., Williams, R.J., Muller, W.J. & Lonsdale, W.M. (1997) The effects of the herbicide tebuthiuron on seedlings of *Mimosa pigra* and native floodplain vegetation in northern Australia. *Australian Journal of Ecology*, **22**, 439-447.
32. *Lonsdale, W.M., Farrell, G. & Wilson, C.G. (1995) Biological control of a tropical weed - a population-model and experiment for *Sida acuta*. *Journal of Applied Ecology*, **32**, 391-399.
33. ***Lonsdale, W.M. (1994) Inviting trouble - introduced pasture species in northern Australia. *Australian Journal of Ecology*, **19**, 345-354.
34. **Lonsdale, W.M. & Lane, A.M. (1994) Tourist vehicles as vectors of weed seeds in Kakadu National Park, northern Australia. *Biological Conservation*, **69**, 277-283.
35. **Lonsdale, W.M. (1993) Rates of spread of an invading species – *Mimosa pigra* in northern Australia. *Journal of Ecology*, **81**, 513-521.
36. *Lonsdale, W. M. and Miller, I. L. 1993. Fire as a management tool for a tropical woody weed: *Mimosa pigra* in northern Australia. *Journal of Environmental Management* **39**, 77-87.
37. **Lonsdale, W. M. 1993. Losses from the seed-bank of *Mimosa pigra*: soil micro-organisms vs. temperature fluctuations. *Journal of Applied Ecology* **30**, 654-660.
38. Lonsdale, W.M. & Braithwaite, R.W. (1992) *Fiddling while Rome burns - Nero much misunderstood - reply*. *Australian Journal of Ecology*, **17**, 106-108.
39. **Lonsdale, W. M. and Braithwaite, R. W. 1991. Assessing the effects of fire on vegetation in tropical savannas. *Australian Journal of Ecology* **16**, 363-374.

40. **Lonsdale, W. M. 1990. The self-thinning rule: dead or alive? *Ecology* **71**, 1373-1388.
41. **Andersen, A. N. and Lonsdale, W. M. 1990. Herbivory by insects in Australian tropical savannas: A review. *Journal of Biogeography* **17**, 433-444.
42. **Watkinson, A. R., Lonsdale, W. M., and Andrew, M. H. 1989. Modelling the population dynamics of an annual plant: *Sorghum intrans* in the wet-dry tropics. *Journal of Ecology* **77**, 162-181.
43. *Lonsdale, W. M., Miller, I. L., and Forno, I. W. 1989. The Biology of Australian Weeds 20. *Mimosa pigra* L. *Plant Protection Quarterly* **4**, 119-131.
44. **Lonsdale, W. M. and Abrecht, D. G. 1989. Seeding mortality in *Mimosa pigra*, an invasive tropical shrub. *Journal of Ecology* **77**, 371-385.
45. **Braithwaite, R. W., Lonsdale, W. M., and Estbergs, J. A. 1989. Alien vegetation and native biota in tropical Australia: the impact of *Mimosa pigra*. *Biological Conservation* **48**, 189-210.
46. **Lonsdale, W. M., Harley, K. L. S., and Gillett, J. D. 1988. Seed bank dynamics in *Mimosa pigra*, an invasive tropical shrub. *Journal of Applied Ecology* **25**, 963-976.
47. *Lonsdale, W.M. (1988) Predicting the amount of litterfall in forests of the world. *Annals of Botany*, **61**, 319-324.
48. Lonsdale, W. M. 1988. The ordered development of plants: a critical analysis. *Annals of Botany* **55**, 903-908.
49. *Lonsdale, W. M. 1988. Litterfall in an Australian population of *Mimosa pigra*, an invasive tropical shrub. *Journal of Tropical Ecology* **4**, 381-392.
50. *Lonsdale, W. M. 1988. Interpreting seed survivorship curves. *Oikos* **52**, 361-364.
51. Miller, I. L. and Lonsdale, W. M. 1987. Early records of *Mimosa pigra* in the Northern Territory. *Plant Protection Quarterly* **2**, 140-142.
52. Braithwaite, R. W. and Lonsdale, W. M. 1987. The rarity of *Sminthopsis virginiae* in relationship to natural and unnatural habitats. *Conservation Biology* **1**, 341-343.
53. **Watkinson, A. R., Lonsdale, W. M., and Firbank, L. G. 1983. A neighbourhood approach to self-thinning. *Oecologia* **56**, 381-384.
54. Lonsdale, W. M. and Watkinson, A. R. 1983. Tiller dynamics and self-thinning in grassland habitats. *Oecologia* **60**, 390-395.
55. **Lonsdale, W. M. and Watkinson, A. R. 1983. Plant geometry and self-thinning. *Journal of Ecology* **71**, 285-297.
56. **Lonsdale, W. M. and Watkinson, A. R. Light and self-thinning. 1982. *The New Phytologist* **90**, 431-445.

Books

57. Morton SR, Sheppard A, and Lonsdale WM (eds.) 2014. Biodiversity. CSIRO Publishing, Melbourne.

Book Chapters

58. Lonsdale WM 2011. Risk assessment and prioritization. Pp. 604-608 In: Encyclopaedia of

Biological Invasions (Simberloff D and Rejmanek M eds), University of California Press, Berkeley, USA.

59. Lonsdale, W.M. & Smith, C.S. 2001 Evaluating pest screening systems - insights from epidemiology and ecology. *Weed Risk Assessment* (Groves, R. H., Panetta, F. D., and Virtue, J. G), pp. 52-60. CSIRO Publishing, Melbourne.
60. Lonsdale, W.M., Briese, D.T. & Cullen, J.M. 2001 Risk analysis and weed biocontrol. In : *Indirect effects in biological control* (Wajnberg, E., Scott, J. K., and Quimby, P. C., eds), pp. 185-210. CABI, London.
61. Lonsdale, W.M. 2001 Biological Invasions. In: *Encyclopaedia of Global Change* Vol. 2. (Ed. Munn, T), Wiley, Chichester.
62. Farrell, G. S. and Lonsdale, W. M. 1997. Measuring the impact of biological control agents on weeds. Julien, M. C. and White, G. *Handbook on Weed Biocontrol*. Canberra, ACIAR.
63. Lonsdale, W. M. 1996. The balance of weed populations. In: Floyd, R. B., Sheppard, A. W., and De Barro, P. A. *Frontiers of Population Ecology*. 573-588. Melbourne, CSIRO Publishing.
64. Lonsdale, W. M., Miller, I. L., and Forno, I. W. 1995. *Mimosa pigra* L. Groves, R. H., Shepherd, R. C. H., and Richardson, R. G. *The Biology of Australian Weeds*. 169-188. Melbourne, R.G. and R.J. Richardson
65. Lonsdale, W. M. and Forno, I. W. 1994. *Mimosa pigra* L. Labrada, R., Caseley, J. C., and Parker, C. *Weed Management for Developing Countries*. 107-111. Rome, Food and Agriculture Organization.
66. Lonsdale, W. M. 1992. The biology of *Mimosa pigra*. Harley, K. L. S. *A Guide to the Management of Mimosa pigra*. 8-32. Canberra, CSIRO.
67. Miller, I. L. and Lonsdale, W. M. 1992. Ecological management of *Mimosa pigra*: use of fire and competitive pastures. Harley, K. L. S. *A Guide to the Management of Mimosa pigra*. 104-106. Canberra, CSIRO.

Edited proceedings

68. Lonsdale WM. A scientific framework for assessing transgenic organisms in the environment. Roseland CR. *LMOs and the Environment: Proceedings of an International Conference*. Pp. 185-194. 2002. Paris, OECD.
69. Lonsdale WM. GMOs: Risk, environment and perception. *Biotechnology of Bacillus thuringiensis and its environmental impact: proceedings of the 4th Pacific Rim Conference*. 239-243. 2002. Canberra, CSIRO.
70. Mack, R. N. and W. M. Lonsdale. 2002. Eradicating invasive plants: hard-won lessons for islands. In: "Turning the Tide: the Eradication of Invasive Species" (D. Veitch and M. Clout, editors) *Invasive Species Specialist Group of the World Conservation Union (IUCN)*: Auckland, New Zealand, pp. 164-172.
71. Lonsdale, W.M. & Milton, S.J. 2002 People and plant invasions of the rangelands. Pp 101-115 In *Global Rangelands: Progress and Prospects*. Grice A. and Hodgkinson, K.C.), CABI, London.
72. Paynter, Q., Flanagan, G.J., Lonsdale, W.M., Schatz, T. and Steinbauer, M.J. (2000) Ecological studies to optimise the integrated management of the wetland weed, *Mimosa pigra*. Pp. 389-395 in Spencer, N. ed. *Proceedings of the X Conference on Biological Control of Weeds*. Montana State University, Bozeman, Montana, USA.

73. Smith, C. S., Lonsdale, W. M., and Fortune, J. 1998. Predicting weediness in a quarantine context. In Maillet, J. and Navas, M.-L. Proceedings of the 6th EWRS Mediterranean Symposium. 33-40. European Weed Research Society
74. Lonsdale, W. M., Vitou, J., Espiau, C., and Dowling, P. M. 1998. The potential for biological control of *Vulpia*. In Maillet, J. and Navas, M.-L. Proceedings of the 6th EWRS Mediterranean Symposium. 00-00. European Weed Research Society
75. Böttcher, S. and Lonsdale, W. M. 1998. Prospects for predictions in biological control of weeds. In Maillet, J. and Navas, M.-L. Proceedings of the 6th EWRS Mediterranean Symposium. 105-110. European Weed Research Society.
76. Breton, F., Cheylan, M., Lonsdale, W. M., Maillet, J., Pascal, M., and Vernon, P. 1997. Les invasions biologiques. *Courrier de l'environnement de l'INRA* 32, 11-28.
77. Lonsdale, W. M. 1996 Plant population processes and weed control. In Moran, V. C. and Hoffmann, J. H. *Proceedings of the IX International Symposium on Biological Control of Weeds*. 33-37. Cape Town, University of Cape Town.
78. Storrs, M. J., Kenyon, A., and Lonsdale, W. M. 1996. Strategic weed management for the Aboriginal lands of the Top End. Richardson, R. G. and Richardson, F. J. *Eleventh Australian Weeds Conference Proceedings*. 402-407. Frankston, Victoria, Weed Science Society of Victoria, Inc.
79. Storrs, M. J. and Lonsdale, W. M. 1995 Developing a weed management strategy for a conservation area. In Finlayson, C. M. ed. *Wetlands Research in the Wet-dry Tropics of Australia*. 182-189.. Barton ACT, Supervising Scientist.
80. Lonsdale, W. M. 1992 The impact of weeds in national parks. In Combellack, J. H., Levick, K. J., Parsons, J., and Richardson, R. G. *Proceedings of the International Weed Control Congress, Vol. 1*. 145-149.. Melbourne, Weed Science Society of Victoria.
81. Lonsdale, W. M. 1990. Weeds and conservation in the Australian tropics. Keong, Y. S. and Win, L. S. Proceedings of the International Conference on Tropical Biodiversity: "In Harmony with Nature". 187-192. Kuala Lumpur, Malayan Nature Society.
82. Wilson, C. G. and Lonsdale, W. M. 1987. Recent advances in weed biocontrol in northern Australia. Proceedings of the Eighth Australian Weeds Conference. 89-92. Sydney, Council of Australian Weed Science Societies.
83. Lonsdale, W. M. and Segura, R. (1987) A demographic comparison of native and introduced populations of *Mimosa pigra*. Lemerle, D. and Leys, A. R. Proceedings of the Eighth Australian Weeds Conference.. Sydney, Council of Australian Weed Science Societies.
84. Lonsdale, W. M., Harley, K. L. S., and Miller, I. L. 1985. The biology of *Mimosa pigra* L. Proceedings of the Tenth Asian-Pacific Weed Science Society Conference. 484-490. Bangkok, Asian-Pacific Weed Science Society, Dept of Agriculture.

Non-refereed scientific publications

85. Lonsdale, WM. 1999. Weeding out the enemy. *Ecos* 100, 32-33. Canberra, CSIRO.
86. Braithwaite, R. W. and Lonsdale, W. M. 1994. *Just add water - the ecology of Australia's northern wetlands* . Issues 27, 31-40.
87. Lonsdale, W. M. and Braithwaite, R. W. 1988. The shrub that conquered the bush. *New Scientist* **120 (1634)**, 52-55.

Key reports

88. Groves, R. H., Boden, R., and Lonsdale, W. M. *Jumping the Garden Fence: Invasive Garden Plants in Australia and their environmental and agricultural impacts*. 2005. WWF Australia, Sydney.
89. CRC for Australian Weed Management (Lonsdale et al.). *Defeating the Weed Menace R&D Strategy*. 2005. Canberra, CRC for Australian Weed Management.
90. Lonsdale, W.M., Floyd, R., Vickers, R., De Barro, P., Chakraborty, S., Groves, R.H. and Clarke G. (2001). *Implications of incursion ecology for managing Incursions in the Plant Industries*. Plant Health Australia, Canberra, Australia
91. Panetta, D., Pheloung, P., Lonsdale, W. M., Jacobs, S., Mulvaney, M., and Wright, W. 1994. *Screening plants for weediness: A procedure for assessing species proposed for importation to Australia*. A report commissioned by the Australian Weeds Committee.