

CURRICULUM VITAE + Publications

Born 1953, St. Louis, Missouri USA

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PRESENT POSITIONS

Co-founder, Steering Committee member, Ecological Health Network

(www.ecohealthglobal.org).

Emeritus senior scientist, Missouri Botanical Garden (www.mobot.org/staff/james-aronson).

ADDITIONAL POSITIONS

2005 – present: Co-director, [ASSET Research](http://www.assetresearch.org)– Africa’s Search for Sound Economic Trajectories. A platform for capacity building based in South Africa.

2015 – present: *BioScience* Editorial board member for manuscripts on Ecological Restoration.

2013-2017. Co-founder, Restoring Natural Capital, now part of the Ecological Health Network.

2002 – 2020: Editor in chief, SER - Island Press book series, *Science and Practice of Ecological Restoration*.

2014- present: Co-founder, co-curator of blog called *Natural History of Ecological Restoration* (see <https://bgecologicalrestoration.wordpress.com/>)

PREVIOUS POSITIONS and WORK EXPERIENCE

1992-2016. Cofounder, Restoration Ecology Group, *Centre d'Ecologie Fonctionnelle et Evolutive, Centre National de la Recherche Scientifique*, Montpellier, France.

2014 – 2020. Senior Scientist, Center for Conservation and Sustainable Development, Missouri Botanical Garden, St. Louis, Missouri.

2012-2020. Board member, Society for Ecological Restoration (<http://www.ser.org/>).

2008-2010. Instructor, MSc/PhD Program in Biodiversity Conservation & Management in the Tropics. Univ. Menendez Pelayo, Madrid, and Universidad Indo-Andina, Quito, Ecuador.

1985-1986. Interim Director, Desert Run-off Farms Unit, Sde Boqer, Israel,

1980-1987. Plant Genetic Resources Officer, Boyko Institute, Beer Sheva, Israel.

1977-1980. Field work co-coordinator, Flora of Peru project. Missouri Botanical Garden.

1975-1977. Research assistant, Herbarium & Ecological Services, Missouri Botanical Garden.

1974-1975. Orchard and field crop worker, Kibbutz Nahshon, Israel.

1973-1974: Kibbutz Hazorea. Studied fruit tree micro-propagation techniques with John Maurice.

UNIVERSITY STUDIES and DIPLOMAS

1971-1973 Columbia University, New York; Anthropology, biology

1975-1977 University of California, Davis; Botany, Palaeobotany, Plant sciences

1978 B.Sc., Washington University in St. Louis, St. Louis, Missouri; Biology

1990 Ph.D., Hebrew Univ. of Jerusalem, Israel; Plant ecology, Biogeography

2002 *Habilitation de Diriger des Recherches (HDR)* Université de Toulouse, France

LANGUAGES

English, French, Spanish, Hebrew. Competent in Brazilian Portuguese.

RECENT & CURRENT INVOLVEMENT IN INTERDISCIPLINARY PROGRAMS

International Scientific Advisory Board, MERCES (Marine Ecosystem Restoration in Changing European Seas), EC-funded project. 2016-2020.

The Economics of Ecosystems and Biodiversity (TEEB), an initiative of the G8, UNEP, and the European Commission (www.teebweb.org) (2009-2013).

DRIVER, Ecological Restoration of fish nurseries in coastal Mediterranean ecosystems. An initiative of Université de Perpignan, and Ecocéan, LLD (2012-2016).

Interdisciplinary Oversight Committee, GEMCADD, Pôle Mer PACA, France (2011 – 2013).

EU Action FA0901: Putting Halophytes to Work - From Genes to Ecosystems (2009-2013).

FIELD EXPERIENCE and ENGAGEMENT

Botanical exploration, horticulture, applied ecology practice and consulting on land management, ecological restoration and rehabilitation these last 44 years.

PUBLICATIONS

Google Scholar Citations : 35, 022, since 2019 – 16, 071.
H-Index: 79, since 2019 – 54; i10 index 200, since 2019 – 132.

AUTHORED BOOKS

9. L'Enfant, P., A. Gudefin, J. Aronson, P. Boissery, S. Fonbonne & G. Lecaillon 2016. Ecological Restoration of Fish Nurseries in Shallow Coastal Areas of the Mediterranean Basin. Guidelines and Principles. CREM-IEEM Editions. Perpignan, France.
8. L'Enfant, P., A. Gudefin, S. Fonbonne, G. Lecaillon, E. Blin, S.M. Lourie, J. Aronson, P. Boissery, J.L. Loeuillard, A. Palmaro, G. Herrouin & J. Person 2015. *Restauration écologique des petits fonds côtiers de Méditerranée. Le cas des nurseries. Orientations et principes*. CREM-IEEM Editions, Perpignan (In French).
7. Le Floc'h, E. & J. Aronson 2013. *Les Arbres des Déserts. Enjeux et promesses*. Actes Sud, Arles, France.

6. Clewell, A. F. & J. Aronson 2013. *Ecological Restoration : Principles, Values, and Structure of an Emerging Profession*. 2nd Ed. Island Press, Washington, D.C.
5. Blondel, J., J. Aronson, J.-Y. Bodiou & G. Bœuf 2010. *The Mediterranean Basin - biological diversity in space and time*. Oxford University Press, Oxford, UK.
4. Clewell, A. F. & J. Aronson. 2010. *La Restauration Ecologique: Principes, Valeurs, et Structure d'une Profession Emergente*. Actes Sud. Arles, France.
3. Clewell, A. F. & J. Aronson 2007. *Ecological Restoration: Principles, Values, and Structure of an Emerging Profession*. Island Press, Washington, DC.
2. Blondel, J. & J. Aronson 1999. *Biology and Wildlife of the Mediterranean region*. Oxford University Press, Oxford, U.K.
1. Aronson, J. 1989. *HALOPH: Salt Tolerant Plants of the World*. University of Arizona Press: Tucson, AZ, USA. (From which was created eHALOPH, an interactive on-line version; See <https://www.sussex.ac.uk/affiliates/halophytes/index.php?content=news>)

EDITED VOLUMES

6. Van Andel, J. & J. Aronson, Eds. 2012. *Restoration Ecology: The New Frontier*. 2nd Edition Blackwell, Oxford, UK.
5. Bautista, S., J. Aronson & R. Vallejo, Eds. 2010. *Land Restoration to Combat Desertification: Innovative Approaches, Quality Control and Project Evaluation*. Fundación CEAM, Zaragoza, Spain.
4. Aronson, J., J.S. Pereira & J. Pausas, Eds. 2009. *Cork Oak Woodlands on the Edge: Ecology, Biogeography, and Restoration of an Ancient Mediterranean Ecosystem*. Island Press, Washington, DC.
3. Aronson, J., S.J. Milton & J. Blignaut, Eds. 2007. *Restoring Natural Capital: Science, Business and Practice*. Island Press, Washington, DC.
2. Pontanier, R., A. M'Hiri, N. Akrimi, J. Aronson & E. Le Floch, Eds. 1995. *L'Homme peut-il refaire ce qu'il a défait ?* John Libby Eurotext, Paris.
1. Roy, J., J. Aronson & F. di Castri, Eds. 1995. *Time Scales in the Response to Water Stress: The case of the Mediterranean biota*. SPB Academic Publishers, Amsterdam.

Guest editorships

6. *Frontiers in Ecology & Evolution*. 2023. Research topic “Plant-Soil-Microbe Interactions and Drivers in Ecosystem Development and Ecological Restoration”. Guest editors: Adam T. Cross and J. Aronson. <https://www.frontiersin.org/research-topics/20072>
5. *Annals of the Missouri Botanical Garden*. 2017. Ecological Restoration in a Changing Biosphere. 102:185-265. Guest editors: J. Leighton Reid & J. Aronson.
4. *Ecology & Society*. 2015-2016. [Special Feature](#) on *Ecological Restoration, Ecosystem Services and Land Use*. Guest editors: Anne Tolvanen & J. Aronson.
3. *Ecological Restoration*. 2010. Special theme: Education and Outreach in Ecological Restoration (12 papers) Vol. 28 (2). Guest editor: J. Aronson.
2. *Journal of Nature Conservation*. 2006. Special issue on Restoration Ecology (10 papers) Vol. 14(2-3). Guest editors: J. Aronson & A. F. Clewell.

1. *Arid Soil Research and Rehabilitation*, 1999. Vol.13(4). Dryland Restoration and Rehabilitation. Guest editors: J. Aronson, S. Dhillon & E. Le Floc'h.

PEER-REVIEWED ARTICLES AND BOOK CHAPTERS

1. Aronson, J. & M. Forti 1983. The Development of New Crops for the Negev Desert. *Genetika*, Suppl. 3: 265-277.
2. Pasternak, D., A. Danon & J. Aronson 1985. Developing the Seawater Agriculture Concept. *Plant and Soil* 89: 337-348.
3. Aronson, J. 1985. Economic Halophytes - A Global Review. In: G.E. Wickens, J.R. Goodin & D.V. Field (eds.) *Plants for Arid Lands*. George Allen & Unwin. London. Pp. 177-188.
4. Shmida, A. & J. Aronson 1986. Sudanian Elements in the Flora of Israel. *Annals Missouri Botanical Garden* 73: 1-28.
5. Pasternak, D., J. Aronson, J. Ben-Dov, A. Danon, M. Forti, S. Mendlinger, A. Nerd & D. Sitton 1986. Development of New Arid Zone Crops for the Negev Desert of Israel. *Journal of Arid Environments* 11: 37-59.
6. Aronson, J., H. Lovenstein & Y. Zohar 1987. Arid zone fuelwood plantations as a third world energy source. *Water & Irrigation Review* 7: 18-21.
7. Zohar, Y., H. Lovenstein & J. Aronson 1988. Cultivation of Multipurpose Trees in Rainwater Harvesting Systems in the arid region of Israel. *Commonwealth Forestry Review* 67: 339-349.
8. Aronson, J., D. Pasternak & A. Danon 1988. Introduction and first evaluation of 120 halophytes under seawater irrigation. In: E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann & R.G. Varady (eds.) *Arid Lands: Today and Tomorrow*. Westview, Boulder, Colorado. Pp.737-746.
9. Yagil, R., C. Van Creveld, T. Oren, A. Rogel & J. Aronson 1988. Responses of Awassi sheep and black goats to grazing in summer. *Internat. J. Animal Science* 3: 181-189.
10. Aronson J., & R. J. Nash 1989. Infrequent cyanogenesis in *Acacia caven* and general notes on cyanogenic glycoside data in subgenus *Acacia*. *Bulletin International Group for the Study of Mimosoideae* 17: 97-110.
11. Aronson J. & C. Ovalle 1989. Report on a study of the natural variability, biogeography and potential for genetic improvement of *Acacia caven*. *Bulletin of the International Group for the Study of Mimosoideae* 17: 111-121.
12. Nerd, A., J. Aronson & Y. Mizrahi. 1990. Introduction and domestication of rare and wild fruit and nut trees for desert areas. In: Janick, J. and J.E. Simon (eds.) *Advances in New Crops*. Timber Press, Portland, Oregon. Pp. 355-363.
13. Aronson J., J. Kigel, & A. Shmida 1990. Comparative variability in desert and Mediterranean populations of annual plants in Israel. *Israel Journal of Botany* 39: 413-430.
14. Ovalle C., J. Aronson, A. Del Pozo, & J. Avendaño 1990. The Espinal: Agroforestry systems in the Mediterranean-Type climate region of Chile. *Agroforestry Systems* 10: 213-239.
15. Aronson J. 1991. Description and distribution of *Acacia macracantha* Humb. & Bonpl. ex Willd. (Leguminosae, Mimosoideae) in northern Chile. *Gayana, Bot.* 48: 81-87.
16. Aronson J., G.E. Wickens & E. Birnbaum 1991. An Experimental Technique for Long-Distance Transport of Cuttings under Tropical Conditions. *FAO/IBGPR Plant Genetic Resources Newsletter* 81/82: 47-48.
17. Aronson J. 1991. The present and future roles of salt-tolerant trees and their associated microsymbionts in arid lands. In: R. Choukr-Allah (Ed.) *Plant Salinity Research: New Challenges*. Institut Agronomique et Vétérinaire Hassan II, Agadir, Morocco. Pp. 363-376.

18. Aronson J. 1992. Evolutionary Biology of *Acacia caven* (Leguminosae, Mimosoideae). Intraspecific variation in fruits and seeds *Annals of the Missouri Botanical Garden* 79:558-569.
19. Aronson J., J. Kigel, A. Shmida & J. Klein 1992. Adaptive phenology of desert and Mediterranean populations of annual plants grown with and without water stress. *Oecologia* 89: 17-28.
20. Aronson, J., C. Ovalle & J. Avendaño 1992. Early growth rate and nitrogen fixation potential in 44 multipurpose legumes grown in an acid and a neutral soil in central Chile. *Forest Ecology and Management* 47: 225-244.
21. Aronson, J. & C. Saravia Toledo 1992. *Caesalpinia paraguariensis*: forage tree for all seasons. *Economic Botany* 46: 121-132.
22. Aronson J. & A. Shmida 1992. Diversity along a Mediterranean-desert gradient in response to interannual fluctuations in rainfall. *Journal of Arid Environments* 23: 235-247.
23. Aronson J., C. Floret, E. Le Floc'h, C. Ovalle & R. Pontanier 1993a. Restoration and rehabilitation of degraded ecosystems. I. A view from the South. *Restoration Ecology* 1: 8-17.
24. Aronson J, C. Floret, E. Le Floc'h, C. Ovalle & R. Pontanier 1993b. Restoration and rehabilitation of degraded ecosystems. II. Case studies in Chile, Tunisia and Cameroon. *Restoration Ecology* 1: 168-187.
25. Aronson J., J. Kigel & A. Shmida 1993. Reproductive allocation strategies of desert and Mediterranean populations of annual plants grown with and without water stress. *Oecologia* 93: 336-342.
26. Aronson J., C. Ovalle & J. Avendaño 1993. Ecological & economic rehabilitation of degraded "Espinales" in the subhumid mediterranean-climate region of central Chile. *Landscape and Urban Planning* 24: 15-21.
27. Ovalle C., J. Aronson, J. Avendaño & H. Alvarez 1993. Tagasaste (*Chamaecytisus proliferus* subsp. *palmensis*), un árbol forrajero leguminoso con potencial para sistemas agrosilvopastorales en Chile mediterráneo. *Agricultura Técnica (Chile)* 53: 264-271.
28. Ovalle C., J. Aronson, J. Avendaño, R. Meneses & R. Moreno 1993. Rehabilitation of degraded 'Espinales' in subhumid central Chile and its relevance for the arid 'norte chico'. *Revista Chilena de Historia Natural* 66: 291-303.
29. Aronson J., C. Ovalle, P. León & L. Aguilera 1994. Phenology of the cold-deciduous *Acacia caven* in the mediterranean climate zone of Chile. *Journal of Arid Environments* 27: 55-70.
30. Blondel J. & J. Aronson 1995. Biodiversity and ecosystem function in the Mediterranean Basin. Non-human and human determinants. In: Davis, G. and D.M. Richardson, editors, *Biodiversity and ecosystem function in mediterranean-type ecosystems*. Springer Verlag, Berlin. Pp. 43-119.
31. Aronson J., S. Dhillon & E. Le Floc'h 1995. On the need to select an ecosystem of reference, however imperfect: A reply to Pickett & Parker. *Restoration Ecology* 3: 1-3.
32. Ovalle C., J. Aronson, J. Avendaño & A. Del Pozo 1995. Amélioration de l'espinal: système agro-sylvo-pastoral du Chili central. *Cahiers Options méditerranéennes* 12: 169-171.
33. Aronson, J. & E. Le Floc'h 1995. Restoration ecology of salt-affected arid and semi-arid lands. In R. Choukr-Allah, C. V. Malcolm and A. Hamdy, editors. *Halophytes and Biosaline Agriculture*. Marcel Dekker, New York. Pp. 55-71.
34. Aronson, J., C. Floret, E. Le Floc'h, C. Ovalle & R. Pontanier 1995. Restauration et réhabilitation des écosystèmes dégradés en zones arides et semi-arides. Le vocabulaire et les concepts. In : R. Pontanier, A. M'Hiri, N. Akrimi, J. Aronson & E. Le Floc'h, editors. *L'Homme peut-il refaire ce qu'il a défait?* John Libby, Paris. Pp. 11-30.

35. Ovalle, C., A. Del Pozo, J. Avendaño, J. Aronson 1995. Restauration et réhabilitation d'agroécosystèmes du *secano interior* au Chili central. In : R. Pontanier, A. M'Hiri, N. Akrimi, J. Aronson & E. Le Floch, editors. *L'Homme peut-il refaire ce qu'il a défait?* John Libby, Paris. Pp. 211-230.
36. Roy, J., J. Aronson & F. di Castri 1995. Water constraints and mediterranean biota response: towards an integrated multi-scale understanding. In: Roy, J., J. Aronson, F. & F. di Castri, editors. *Time Scales in the Response to Water Stress: the case of the mediterranean biota*. SPB Academic Publishers, Amsterdam. Pp. 1-4.
37. Le Floch, E. & J. Aronson 1995. L'Ecologie de la restauration. Définition de quelques concepts de base. *Natures, Sciences, Sociétés* 3, *Hors série*, 29-35.
38. Ovalle C., L. Longeri, J. Aronson, A. Herrera, J. Avendaño. 1996. N₂-fixation, nodule efficiency and biomass accumulation after two years in three Chilean legume trees and *Tagasaste* (*Chamaecytisus proliferus* subsp. *palmensis*). *Plant and Soil* 179: 131-140.
39. Aronson J. & E. Le Floch 1996a. Que faire de tant de notions du paysage? *Natures, Sciences, Sociétés* 4: 264-266.
40. Aronson J. & E. Le Floch 1996b. Vital landscape attributes: missing tools for restoration ecology. *Restoration Ecology* 4: 377-387.
41. Aronson J. & E. Le Floch 1996c. Hierarchies and landscape history: dialoging with Hobbs and Norton. *Restoration Ecology* 4: 327-333.
42. Ovalle C., J. Avendaño, A. Del Pozo & J. Aronson 1996. Land occupation patterns and vegetation structure in the anthropogenic savannas (espinales) in the subhumid region of central Chile. *Forest Ecology & Management* 86: 129-139.
43. Etienne, M., J. Aronson & E. Le Floch 1998. Abandoned lands and land use conflicts in southern France. Piloting ecosystem trajectories and redesigning outmoded landscapes in the 21st century. In: P. W. Rundel, G. Montenegro & F. Jaksic, editors. *Landscape degradation and biodiversity in mediterranean-type ecosystems*. Ecological Studies Series N°. 136. Springer, Berlin. Pp. 127-140.
44. Aronson, J., A. Del Pozo, C. Ovalle, J. Avendaño, A. Lavin & M. Etienne 1998. Land use changes and conflicts in central Chile. In: P. W. Rundel, G. Montenegro & F. Jaksic, editors. *Landscape degradation and biodiversity in mediterranean-type ecosystems*. Ecological Studies Series N°. 136. Springer, Berlin. Pp. 155-168.
45. Aronson J., E. Le Floch, J.F. David, S. Dhillion, M. Abrams, J.L., Guillermin & A. Grossmann 1998. Restoration ecology studies at Cazarils (southern France). *Landscape & Urban Planning* 41: 273-283.
46. Garnier E. & J. Aronson 1998. Nitrogen use efficiency from leaf to stand level: clarifying the concept. In: H. Lambers, H. Poorter, H. & M.M.I. van Vuuren, editors. *Inherent variation in plant growth. Physiological mechanisms and ecological consequences*. Backhuys Publishers, Leiden. Pp. 515-538.
47. Arredondo S., J. Aronson, C. Ovalle, A. del Pozo & J. Avendaño 1998. Screening multipurpose legume trees in central Chile. Sixth-year results. *Forest Ecology and Management* 109: 221-230.
48. Le Floch E., J. Aronson, S.S. Dhillion, J.L. Guillermin, A. Grossmann & E. Cunge 1998. Biodiversity and ecosystem trajectories: first results from a new LTER in southern France. *Acta Oecologica* 19: 283-293.
49. Ovalle C., A. Del Pozo, J. Avendaño & J. Aronson 1998. Características fenológicas y productivas de 34 accesiones de hualputra (*Medicago polymorpha*) colectadas en la zona mediterránea de Chile. *Agricultura Técnica (Chile)* 57: 261-271.

50. Aronson, J., S. Dhillon & E. Le Floch 1999. Dryland restoration and rehabilitation. *Arid Land Research and Management* 13: 315-318.
51. Ovalle C., J. Aronson, A. Del Pozo & J. Avendaño 1999. Restoration and rehabilitation of mixed espinales in central Chile: 10-year report and appraisal. *Arid Land Research and Management* 13: 369-381.
52. Del Pozo A., E. Garnier & J. Aronson 2000. Contrasted nitrogen utilization in annual C₃ grasses and legume crops: physiological explorations and ecological consequences. *Acta Oecologica* 21: 79-89.
53. Del Pozo, A., J. Aronson, C. Ovalle & J. Avendaño 2000. Ecotypic differentiation in *Medicago polymorpha* L. along an environmental gradient in central Chile. Developmental responses to temperature and photoperiod. *Annals of Botany* 85: 809-814.
54. Aronson, J. & E. Le Floch 2000. Restoration of Natural Capital: Pros and Problems. *Restoration Ecology* 8: 214-216.
55. Aronson, J., R.J. Hobbs, E. Le Floch & D. Tongway 2000. Is Ecological Restoration a journal for North American readers only? *Ecological Restoration* 18: 146-147.
56. Vallauri, D., J. Aronson & C. Chauvin 2000. A 120 year-old forest restoration program on badlands in the southwestern Alps (France). *Journal of Forestry* 98: 1-2.
57. Gondard, H., J. Aronson, M. Grandjanny, E. Le Floch, A. Renaux, F. Romane & Z. Shater 2000. Plant species richness responses to management practises in chestnut (*Castanea sativa* Miller) forests and coppice stands in the Cévennes Mountains (southern France). *Ecologia mediterranea* 26:143-154.
58. Aronson, J., H. Gondard, M. Grandjanny & F. Romane 2000. Indicators and constraints for autogenic return to original forest vegetation in the Cévennes. In: White P.S., Mučina L. & J. Lepš, editors. *Vegetation science in retrospective and perspective*. Proc. 41st IAVS Symposium in Uppsala, 26.7-1.8. 1988 (ISBN 918871650-3). Opulus Press, Uppsala. Pp. 51-54.
59. Aronson, J., J. Li, E. Le Floch, F. Romane & D. Vallauri 2000. Combining Conservation, Management and Ecological Restoration: a new approach for the Arid and Semiarid Lands of China. In: J. Jianming, editor. *The Conservation and Utilization of Biodiversity*. CBHT, Beijing. Pp. 279-301.
60. Gondard, H., F. Romane, M. Grandjanny, J. Li & J. Aronson 2001. Plant species diversity changes in abandoned chestnut (*Castanea sativa* Miller) groves in southern France. *Biodiversity and Conservation* 10: 189-207.
61. Vallauri D., J. Aronson & M. Barbéro 2002. An analysis of forest restoration 120 years after reforestation on badlands in the southwestern Alps. *Restoration Ecology* 10: 16-26.
62. Del Pozo, A., C. Ovalle, J. Aronson & J. Avendaño 2002. Ecotypic differentiation in *Medicago polymorpha* L. along an environmental gradient in central Chile. I. Phenology, reproductive patterns and winter vigour. *Plant Ecology* 159: 119-130.
63. Del Pozo, A., C. Ovalle, J. Aronson & J. Avendaño 2002. Ecotypic differentiation in *Medicago polymorpha* L. along an environmental gradient in central Chile. II. Winter growth as related to phenology and temperature regime. *Plant Ecology* 160: 53-59.
64. Paredes, M., V. Becerra, C. Rojo, A. Del Pozo & C. Ovalle & J. Aronson 2002. Ecotypic differentiation in *Medicago polymorpha* L. along an environmental gradient in central Chile. IV. RAPDs studies show little genetic variation. *Euphytica* 123: 431-439.
65. Aronson, J., E. Le Floch, & C. Ovalle 2002. Semi-arid woodlands and desert fringes. In: M.R. Perrow and A.J. Davy, editors. *Handbook of Ecological Restoration*. Vol. 2. Cambridge University Press, Cambridge, U.K. Pp. 466-485.

66. Aronson, J., C. Ovalle, J. Avendaño, L. Longeri & A. Del Pozo 2002. Agroforestry tree selection in central Chile: biological nitrogen fixation and plant growth in six dryland species. *Agroforestry Systems* 56:155-166.
67. Aronson J., E. Le Floch, H. Gondard & F. Romane 2002. Gestion environnementale en région méditerranéenne : références et indicateurs liés à la biodiversité végétale. *Revue d'Ecologie (Terre et Vie). Supplément* 9: 225-240.
68. Aronson, J. 2003. What is effective in restoration ecology and how to measure it. In: G. Ausenda, editor. *On Effectiveness*. The Boydell Press, Woodbridge, U.K. Pp. 59-75.
69. Gondard, H., F. Romane, J. Aronson & Z. Shater 2003. Impact of soil surface disturbances on functional group diversity after clear-cutting in Aleppo pine (*Pinus halepensis*) forests in southern France. *Forest Ecology & Management* 180: 165-174.
70. Gondard, H., S. Jauffret, J. Aronson & S. Lavorel 2003. Plant functional types: A promising tool for management and restoration of degraded lands. *Applied Vegetation Science* 6: 223- 234.
71. Winterhalder K., A. Clewell & J. Aronson 2004. Values and Science in Ecological Restoration - a Response to Davis and Slobodkin. *Restoration Ecology* 12:4-7.
72. Chepstow-Lusty, A., M.R. Frogley, M.B. Bush & J. Aronson 2005. 80,000 yr of vegetation and climate change on the Bolivian Altiplano prior to the Last Glacial Maximum. *Quaternary Research* 63:90-98.
73. Chepstow-Lusty, A., M.B. Bush, M. R. Frogley, P.A. Baker, S.C. Fritz, & J. Aronson 2005. Vegetation and climate change on the Bolivian Altiplano between 108,000 and 18,000 years ago. *Papers in the Earth and Atmospheric Sciences*. 30. <https://digitalcommons.unl.edu/geosciencefacpub/30>
74. Aronson, J., D. Vallauri, T. Jaffré & P.P. Lowry II 2005. Restoring Dry Tropical Forests. In: S. Mansourian, D. Vallauri & N. Dudley, editors. (in cooperation with WWF International). *Forest Restoration in Landscapes: Beyond Planting Trees*. Springer, New York. Pp. 285–290.
75. Vallauri, D., J. Aronson, N. Dudley & R. Vallejo 2005. Monitoring and evaluating forest restoration success. In: S. Mansourian, D. Vallauri and N. Dudley, editors (in cooperation with WWF International). *Forest Restoration in Landscapes: Beyond Planting Trees*. Springer, New York. Pp. 150-159.
76. Vallauri, D., J. Aronson J. & N. Dudley 2005. An attempt to develop a framework for restoration planning. In: S. Mansourian, D. Vallauri & N. Dudley, editors (in cooperation with WWF International). 2005. *Forest Restoration in Landscapes: Beyond Planting Trees*. Springer, New York. Pp. 65-72.
77. Dudley, N., J. Morrison, J. Aronson & S. Mansourian 2005. Why do we need to consider restoration in a landscape context? In: S. Mansourian, D. Vallauri and N. Dudley, editors (in cooperation with WWF International). 2005. *Forest Restoration in Landscapes: Beyond Planting Trees*. Springer, New York. Pp. 51-58.
78. Milton, S.J., J. Aronson & J.N. Blignaut. 2005. Restoring Natural Capital – shared visions for ecology and economy. *Quest* (South African Academy of Science) 2: 39-41.
79. Abourouh M., M. Taleb, M. Makhloufi, M. Boulmane & J. Aronson 2005. Biodiversité et dynamique de la végétation dans la Subéraie de la Maâmora (Maroc): Effet de la durée de clôture. *Forêt Méditerranée* 26: 275-285.
80. Romane, F., J. Aronson, H. Gondard, M. Grandjanny, A. Grossmann, E. Le Floch, A. Renaux & Z. Shater. 2005. Dynamique actuelle des châtaigneraies cévenoles et conséquences sur la diversité végétale. *Acta Botanica Gallica* 152:431-442.

81. Hobbs, R.J., S. Arico, J. Aronson, J. S. Baron, P. Bridgewater, V. A. Cramer, P. R. Epstein, J. J. Ewel, C. A. Klink, A. E. Lugo, D. Norton, D. Ojima, D. M. Richardson, E. W. Sanderson, F. Valladares, M. Vilà, R. Zamora, & M. Zobel 2006. Novel ecosystems: theoretical and management aspects of the new ecological world order. *Global Ecology & Biogeography* 15: 1-7.
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