

BIBLIOGRAFÍA

- Alverson, W.S., W. Kuhlmann & D.M. Waller (eds.). 1994. Wild Forests: Conservation Biology and Public Policy. Island Press, Washington, DC.
- Angenmeier, P.L. & J.R. Karr. 1994. Biological integrity versus biological diversity as policy directives. *BioScience*, 44(10): 690-696.
- Atauri, J.A. & De Lucio, J.V. 2000. Landscape evaluation of natural protected areas. En: Brandt, J.; Tress, B. & Tress, G. (eds.), Multifunctional landscapes. Interdisciplinary approaches to landscape research and management. Centre for Landscape Research. Roskilde. Dinamarca.
- Bennet, A.F. 1998. Linkages in landscape: The Role of Corridors and Connectivity in Wildlife Conservation. UICN, Gland, Switzerland and Cambridge.
- Bierregaard, R., T. Lovejoy, V. Kapos, A. Dos Santos and R. Hutchings. 1992. The biological dynamics of tropical rainforest fragments. *BioScience* 42: 859-866.
- Boitani, K.A., Merrill, M. D. & Chapman, K. A. 1999. Identifying conservation-priority areas in a fragmented Minnesota landscape based on the umbrella species concept and selection of large patches of natural vegetation. *Conservation Biology* 15(2):513-522.
- Caro, T. M. 2003. Umbrella species: critique and lessons from East Africa. *Animal Conservation* 6:171-181.
- Carr, A. 1999. Patch Analyst 2.0. 2005. <http://www.ai-geostats.org/software/Geostats_software/PATCH_ANALYST.htm>
- Clark, J., J. Dunn & K. Smith. 1993. A Multivariate Model of Female Black Bear Habitat Use for a Geographic Information System. *Journal of Wildlife Management*. 57(3):519-526.
- Collinge, S.K. 1996. Ecological consequences of habitat fragmentation: implication for landscape architecture and planning. *Landscape and Urban Planning* 42:157-168.
- Cuesta, F., M. Peralvo, y D. Sánchez. 2001. Métodos para investigar la disponibilidad del hábitat del oso andino: el caso de la cuenca del río Oyacachi, Ecuador. Serie Biorreserva del Cóndor No.1. EcoCiencia y Proyecto Biorreserva del Cóndor. Quito.
- Cuesta, F., M. Peralvo & F. Van Manen. 2003. Andean Bear Habitat Use in the Oyacachi River Basin, Ecuador. *Ursus* 14(2):198-209.
- D'Eon, R. G., S. M. Glenn, I. Parfitt, & M.-J. Fortin. 2002. Landscape connectivity as a function of scale and organism vagility in a real forested landscape. *Conservation Ecology* 6(2): 10. < <http://www.consecol.org/vol6/iss2/art10>>
- Diamond, J.D. 1975. The island dilemma. Lessons of modern biogeographic studies for the design of natural reserves. *Biological Conservation*, 7: 129-146.
- Dunning, J.B., B.J. Danielson, and H.R. Pulliam. 1992. Ecological processes that affect populations in complex landscapes. *Oikos*. 65: 169-175.

Eisenberg, J. F. 1980. The density and biomass of tropical mammals. Pages 35–55 in M. E. Soulé and B. A. Wilcox, editors. *Conservation biology: an evolutionary-ecological perspective*. Sinauer Associates, Sunderland, Massachusetts.

East, R. 1981. Species-area curves and populations of large mammals in African savanna reserves. *Biological Conservation* 21:111–126.

Fielder, P.L. & P.M. Kareiva (eds.). 1998. *Conservation Biology for the Coming Decade*. Chapman & Hall, New York.

Fleishman, E., D.D. Murphy, and P.F. Brussard. 2000. A new method for selection of umbrella species for conservation planning. *Ecological Applications* 10:569–579.

Fleishman, E., R.B. Blair, and D.D. Murphy. 2001. Empirical validation of a method for umbrella species selection. *Ecological Applications* 11:1489–1501.

Forman, R.T.T. 1990. Ecologically sustainable landscapes: the role of spatial configuration. En, Forman R.T.T. and I.S. Zonneveld (eds). *Changing landscapes, an ecological perspective*. Springer-Verlag.

Forman, R.T.T. 1995. *Land Mosaics*. Cambridge University Press.

Forman, R.T.T. and M. Godron. 1986. *Landscape ecology*. New York: John Wiley & Sons. 619 p.

Frankel, O. H. and M. E. Soulé. 1981. *Conservation and evolution*. Cambridge University Press, Cambridge, United Kingdom.

GEMA (Grupo de Exploración y Monitoreo Ambiental). 2003. *Manual de Métodos para el Desarrollo de Inventarios de Biodiversidad*. Instituto Humboldt. Bogotá.

Groves, R. 2003. *Drafting a conservation blueprint: a practitioner's guide to planning for biodiversity*. Pp: 1 – 447. The Nature Conservancy. Island Press. Washington.

Hanski, I. 1999. *Metapopulation Ecology*. Oxford Series in Ecology and Evolution, Oxford.

Harris, L.D. 1984. *The Fragmented Forest: Island Biogeographic Theory and the Preservation of Biotic Diversity*. University of Chicago Press, Chicago.

Hobbs, R.J. & A.M. Wilson. 1998. *Corridors: Theory, Practice and Achievement of Conservation Objectives*. En: Dover & Bunce (eds.), *Key Concepts in Landscape Ecology*, Preston (UK): 265-79

IGAC (Instituto Geográfico Agustín Codazzi). 1997. *Bases conceptuales y guía metodológica para la formulación del plan de ordenamiento territorial departamental*. Ministerio de Hacienda y Crédito Público. Santa Fé de Bogotá, Colombia.

Kerr, J.T. 1997. Species richness, endemism, and the choice of areas for conservation. *Conservation Biology* 11:1094–1100.

LARG, Landscape Analysis and Resource Management Research Group. s/f. Concepts.

<<http://www.geo.sbg.ac.at/larg/>>

Launer, A. E. and D. D. Murphy. 1994. Umbrella species and the conservation of habitat fragments: a case of a threatened butterfly and a vanishing grassland ecosystem. *Biological Conservation* 69:145–153.

Launer A. and D. Murphy. 1993. Umbrella Species and the Conservation of Habitat Fragments: A Case of a Threatened Butterfly and a Vanishing Grassland Ecosystem. *Biological Conservation* 69: 145 53.

Levins, R. 1969. Some demographic and genetic consequences of environmental heterogeneity or biological control. *Bulletin of the Entomological Society of America*. 15:237-240.

López, S. 2003. Curso: Modelamiento en Sistemas de Información Geográfica para estudios ambientales y de conservación. Programa de Capacitación para la Conservación de la Biodiversidad, EcoCiencia. San Rafael, Ecuador.

Marsh & Pearman 1997 citado en With K.A. and King A.W. 1999. Extinction thresholds for species in fractal landscapes. *Conserv. Biol.* 13: 314–326.

MacArthur, R.H. & E.D. Wilson. 1967. *The Theory of Island Biogeography*. Princeton University Press, Princeton, NJ.

McCullough, D.R. (ed.). 1996. *Metapopulations and Wildlife Conservation*. Island Press, Washington, DC.

Mealy, S. P. and J. R. Horn. 1981. Integrating wildlife habitat objectives into the forest plan. *Transactions of the North American Wildlife Conference* 46:488–500.

McGarigal and Marks 1995 *Spatial Pattern Analysis Program for quantifying landscape structure*.

Música de la Guerra M., J. Fernández, C. Martínez, P. Sastre, J. Atauri-Mezquida, C. Montes del Olmo, H. Castro, F. Molina y M. García. 2002. Integración territorial de espacios naturales protegidos y conectividad ecológica en paisajes mediterráneos. *Red de espacios naturales protegidos*. Andalucía.

Myers, N., R. A. Mittermeier, C. G. Mittermeier, G. A. B. da Fonseca, and J. Kent. 2000. Biodiversity hotspots for conservation priorities. *Nature*. 403: 853 – 858.

Noss, R. F. 1990. Indicators for monitoring biodiversity: a hierarchical approach. *Conservation Biology* 4: 355-364.

Noss, R.F. 1993. Wildlife corridors. En: D.S. Smith & P.C. Hellmund (eds.), *Ecology of Greenways*. Minesota University.

O'Neill, R.V., C.T. Hunsaker, S.P. Timmins, B.L. Jackson, K.B. Jones, K.H. Ritters, and J.D. Wickham. 1996. Scale problems in reporting landscape pattern at the regional scale. *Landscape Ecology*, 11 (3): 169-180.

Opdam, P. 1991. Metapopulation theory and habitat fragmentation: a review of holarctic breeding bird studies. *Landscape Ecology* vol. 5 no. 2 pp 93-106

Pérez Gómez U. s/f. Estudio de caracterización biofísica y socioeconómica de la taracoa y su área de influencia. Universidad del Tolima, Colombia. <<http://www.ut.edu.co/fif/proyectos/ecbseetai/metodologia.html>>

Peyton, B. 1999. Spectacled bear conservation action plan. Pp. 157-164 in Servheen, C., S. Herrero, and B. Peyton, compilers. Bears: status survey and conservation action plan. IUCN/SSC Bear and Polar Bear Specialist Groups. IUCN, Gland, Switzerland, and Cambridge, UK.

Pickett, S.T.A., R.S. Ostfeld, M. Shachak & G.E. Likens (eds.). 1997. The Ecological Basis of Conservation: Heterogeneity, ecosystem, and Biodiversity. Chapman & Hall, New York.

Poiani K.A., B.D. Richter, M.G. Anderson, and H.E. Richter. 2000. Biodiversity conservation at multiple scales: Functional sites, landscapes, and networks. *BioScience* 50: 133-146.

Primack, R.B. 1993. *Essentials of Conservation Biology*. Sinauer Associates, Inc. Massachusetts.

Remache, G., R. Cisneros y J. Camacho. 2004. Disponibilidad del hábitat del oso andino en corredor biológico Yacuambi-Podocarpus-Sabanilla. *EcoCiencia*, Fundación Arcoiris y Grupo de Trabajo en Páramo de Loja. Quito, Ecuador.

Roberge, J. and P. Angelstam. 2004. Usefulness of the umbrella species concept as a conservation toll. *Conservation Biology* 18:76-85.

Rodríguez, D., F. Cuesta, I. Goldstein, A.E. Bracho, L.G.Naranjo, y O.L. Hernández. 2003. Estrategia Ecorregional para la Conservación del Oso Andino en los Andes del Norte. WWF Colombia, Fundación Wii, Ecociencia, and Wildlife Conservation Society, Cali, Colombia.

Ryti, R. T. 1992. Effect of the focal taxon on the selection of nature reserves. *Ecological Applications* 2:404-410.

Sanderson, J., K. Alger, G.A.B. da Fonseca, C. Galindo-Leal, V-H Inchausty & K. Morrison. 2003. Biodiversity conservation corridors: Planning, Implementing and Monitoring Sustainable Landscapes. CABS Communications, Conservation International.

Santos, T., J.L. Tellería & R. Carbonell. 2002. Bird conservation in fragmented Mediterranean forests of Spain: effects of geographical location, habitat and landscape degradation, *Biological Conservation*, 105 (1): 113-125.

Sarmiento, R. 1991. Qué es un corredor biológico? MesoAmerican Library. <<http://wbln0018.worldbank.org/mesoam/malib.nsf/11ab7b3e4d19f4328525660c0077aefb/26e78c2a754c954d85256810004b6365>>

Saunders, D. & R. Hobbs (eds.). 1991. *Nature Conservation 2: The Role of Corridors*. Surrey Beatty, Chipping Norton, Australia.

Sayre, R., E. Roca, G. Sedaghatkish, B. Young, S. Keel, R. Roca y S. Shepard. 2000. Un enfoque en la naturaleza: Evaluaciones ecológicas rápidas. The Nature Conservancy, Arlington, Virginia, USA.

Shannon, C.; Weaver, W. 1949. *The mathematical theory of communication*. Urbana: University of Illinois Press. 117 p.

Taguchi & Jugulum citado en Dagmar Söndgerath 1 and Boris Schröder. 2002. Population dynamics and habitat connectivity affecting the spatial spread of populations – a simulation study. *Landscape Ecology*. 00: 1-14., 2002.

Taylor, P.D., L. Fahrig, K. Henein & G. Merriam. 1993. Connectivity is a vital element of landscape structure. *Oikos*, 68 (3): 571-573.

Tiede and Lang. 2005. V-Late 1.0 (for ArcGIS 8). Summary. ESRI Support Center. <<http://arcscripts.esri.com/details.asp?dbid=13116>>

Tinoco, R. s/f. Definición y algunas aplicaciones de los sistemas de información geográfica. Monografias.com. <<http://www.monografias.com/trabajos14/informageogra/informageogra.shtml>>

Tomlin, C.D. 1990. *Geographic Information Systems. An Introduction*. Englewood Cliffs, Prentice Hall, New Jersey.

Turner, M.G. 1989. Landscape ecology: the effect of pattern on process. *Annual Review of Ecological Systems*. 20: 171-197.

Turner, M.G., R.V. O'Neill, R.H. Gardner, and B.T. Milne. 1989. Effects of changing spatial scale on the analysis of landscape pattern. *Landscape Ecology*. 3: 153-162.

Turner, M.G., R.V. O'Neill, W. Conley, M.R. Conley, and H.C. Humphries. 1991. Pattern and scale: Statistics for landscape ecology. En: Turner, M.G. & R.H. Gardner (eds.). *Quantitative Methods in Landscape Ecology*. Springer-Verlag.

Yerena, E. 1992. Diseño de un sistema de áreas silvestres protegidas para la Cordillera de los Andes en Venezuela. Trabajo especial de grado Magíster en Ciencias Biológicas. Universidad Simon Bolivar, Caracas, Venezuela. 137 pp.

Yerena, E. 1994. Corredores ecológicos en los Andes venezolanos. *Parques Nacionales y Conservación Ambiental*, No. 4, Fundación Polar e Instituto Nacional de Parques (INPARQUES), Caracas, Venezuela, 87 pp.

Yerena, E. and D. Torres. 1994. Spectacled bear conservation and dispersal corridors in Venezuela. *International Bear Conference on Bear Research and Management*. 9(1):169-172.

Urban, D.L., R.V. O'Neill, and Jr.H.H. Shugart. 1987. Landscape ecology: a hierarchical perspective can help scientist understand spatial patterns. *BioScience*. 37: 119-127.

van Manen, F. T., J. D. Clark, S. E. Schlarbaum, K. Johnson, and G. Taylor. 2002. A model to predict the occurrence of surviving butternut trees in the southern Blue Ridge Mountains. Pages 491-497 in J. M. Scott, P. J. Heglund, and M. L. Morrison, (eds). *Symposium on predicting species occurrences: issues of scale and accuracy*. Island Press. Covelo.

Wiens, J.A. 1976. Population response to patchy environments. *Annual Review of Ecological Systems*. 7: 81-129.

Wiens, J.A. 1989. Spatial scaling in ecology. *Functional Ecology*. 3: 385-397.

Wiens, J.A. & B.T. Milne. 1989. Scaling of 'landscapes' in landscape ecology, or, landscape ecology from a beetle's perspective. *Landscape Ecology*, 3(2): 87-96.

Wiens, J.A., N.C. Stenseth; B. Van Horne, and R.A. Ims. 1993. Ecological mechanisms and landscape ecology. *Oikos*; 66: 369-380.

Wilcox, B. A. 1984. In situ conservation of genetic resources: determinants of minimum area requirements. Pages 639–647 in J. A. McNeely and K. R. Miller, editors. *National parks, conservation and development: the role of protected areas in sustaining society*. Smithsonian Institution Press, Washington, D.C.

Wilson, E.O. 1988. The current status of biological diversity. En: Wilson E.O. (ed.), *Biodiversity*. National Academic Press, Washington, DC.

With, K. A. 1997. The application of neutral landscape models in conservation biology. *Conservation Biology* 11:1069-1080.

Zacharias, M.A. and J.C. Roff. 2001. Use of focal species in marine conservation and management: a review and critique. *Aquatic Conservation: Marine and Freshwater Ecosystems* 11:59-76.