

7. Bibliografía

7. BIBLIOGRAFÍA

VII. Referencias no incluidas en las fuentes bibliográficas sobre Doñana

- Adamus, P.R. 1987. **Wetland Evaluation Technique (WET)**. Volume II. Methodology. Vicksburg. U.S. Army Corps of Engineers. Waterways Experiment Station.
- Allen, T.F.M. & Starr, T.B. 1982. **Hierarchy: Perspectives for ecological complexity**. Chicago Univ. Press. Chicago.
- Allen, T.F.M. & Hoekstra, T.W. 1990. The confusion between scale-defined level and conventional levels of organization in ecology. *Journal of Vegetation Science*, 1:5-12.
- Allen, T.F.M. & Hoekstra, T.W. 1992. **Toward a unified Ecology**. Columbia University Press. New York.
- Arrow, K., Bolin, B., Costanza, R., Dasgupta, Folke, C., Holling, C.S., Jansson, B., Levin, S., Mäler, K., Perring, C. & Pimentel, D., 1995. Economic Growth, Carrying capacity and the environment. *Science*, 268:520-521.
- Austin, M. & Margules, C. 1986. Assesing representativeness. In: M. B. Usher (ed.). **Wildlife conservation evaluation**: 46-67. Chapman and Hall. London.
- Bailey, R.G. 1981. Integrated approaches to classifying land as ecosystems. In: P. Laban (ed) *Proceedings of the workshop on land evaluation for forestry*: 95-109. International Institute for Land Reclamation and Improvement. Wageningen.
- Bailey, R.G. 1987. Suggested hierarchy of criteria for multi-scale ecosystem mapping. *Landscape and Urban Planning*, 14:313-319.
- Bailey, R.G. 1995. **Description of the Ecoregions of the United States**. 2nd ed. Miscell. Publication n° 1391. United States Department of Agriculture. Washington, DC.
- Bailey, R.G. 1996. **Ecosystem Geography**. Springer. New York.
- Bailey, R.G., Zoltai, S. & Wiken, E.B. 1985. Ecological regionalization in Canada and the United States. *Geoforum*, 16:265-275.
- Barbier, E.B., Burges, J. & Folke, C. 1994. **Paradise lost? The ecological economics of biodiversity**. Earthscan. London.
- Barragan, J.A. & Moreira, J.M. 1990. **Sistema de información ambiental de Andalucía**. La aplicación del ecodesarrollo. Agencia de Medio Ambiente. Junta de Andalucía.
- Baskin, I. (ed) 1997. **The work of nature: How the diversity of Life sustains us**. Island. Washington D.C.

Bejarano, R. 1997. **Vegetación y paisaje en la costa atlántica de Andalucía.** Publicaciones Universidad de Sevilla.

Bennett, G (ed). 1991. **Toward a european ecological network.** Institute for European Conservation. Arhem.

Beroutchachvili, N & Bertrand, G. 1978. Le Géosystème ou Systeme territorial naturel. *RGPO*,49(2):167-180.

Bertalanffy, L. Von. 1951. General system theory: A new approach to unity of science: 302-311. In: **Problems of General Systems Theory.** Symposium of the American Philosophical Society. Toronto.

Bertalanffy, L. Von. 1968. **General System Theory: Foundations, Development, Applications.** Braziller. New York.

Bertrand, G. 1968. Paysage et Géographie physique global. Esquisse méthodologique. *Revue Géographique des Pyrénées et du Sud-Ouest*, 35(3):249-272.

Bertrand, G. 1986. Le système et l'élément. *Revue G.P. et S-O:*

Bertrand, G. 1972a. Les estructuras naturales de l'espace géographique. L'exemple des montagnes Cantabriques centrales. *Revue Géogr. des Pyrénées et du Sud-Ouest*, 42(2):175-206.

Bertrand, G. 1972b. Ecologie d'un espace géographique: Les geosystemes du Valle de Prioro (Espagne du Nord-Ouest). *L'Espace géographique*, 2:113-128.

Bertrand, Cl. & Bertrand, G. 1986. La vegetation dans le géosystème. Phytogéographie des montagnes cantabriques centrales (Espagne) *RGPO*, 57(3):291-312.

Bifani, P. 1997a. **Medio Ambiente y Desarrollo.** 3^a ed. Universidad de Guadalajara.

Bifani, P., 1997b. El desafío ambiental como un reto a los valores de la sociedad contemporánea. En: M. Novo & R. Lara (eds). **La interpretación de la problemática ambiental I:**101-150. UNED, FUE, UNESCO, UNEP. Madrid.

Blandin, P. & Lamotte, M. 1988. Recherche d'une entité écologique correspondant à l'étude des paysages. La notion d'écocomplexe. *Bull.Ecol.*, 19(4): 547-555.

Bolos, M. (ed). **Manual de Ciencia del Paisaje. Teoría, métodos y Aplicaciones.** Masson. Barcelona.

Bolos, M. 1992. El geosistema, modelo teórico del paisaje. En: M. Bolos (ed). **Manual de Ciencia del Paisaje. Teoría, métodos y Aplicaciones:** 31-46. Masson. Barcelona.

Bond, W.J. 1993. Keystone species. In In: E.D. Schulze & H.A. Mooney (eds) 1993. **Biodiversity and ecosystem function:**237-253. Springer-Verlag. New York.

Borja, F. 1997. Dunas litorales de Huelva (SW de España). Tipología y secuencia Pleistoceno superior-Holoceno. En: J. Rodriguez Vidal (ed). **Cuaternario Ibérico:** 84-97. AEQUA. Huelva.

Borja, F. y Díaz del Olmo, F. 1994. El Acantilado de El Asperillo: Cuaternario reciente y fases históricas en el litoral de Huelva. **Geogaceta**, 21: 79-82.

Borja, F. y Díaz del Olmo, F. 1996. Manto Eólico Litoral (*MEL*) de El Abalario (Huelva, España): Episodios morfogenéticos posteriores al 22.000 BP. En A. Pérez Alberti, P. Martini, W. Chesworth & A. Martínez Cortizas (eds.). **Dinámica y evolución de medios cuaternarios:** 375-390. Xunta de Galicia

Borja, F.; Gutiérrez, J.M. y Díaz del Olmo, F. 1997. Fases de dunas durante el Holoceno reciente en el litoral del Puerto de Santa María (Cádiz). *Geogaceta*, 21:79-82.

Borja, F.; Montes, C. Morón, M.C. y Barral, M.A. (1997). Humedales litorales de la provincia de Huelva. Aportación a su clasificación genética. Actas XV Congreso de Geógrafos Españoles. Santiago de Compostela.

Bowman, D.M. 1993. Biodiversity: much more than biological inventory. *Biodiv.Lett.* 1:1-4.

Bradshaw A.D. 1987. Restoration: an acid test for ecology. In: W.R. Jordan, M.E. Gilpin & J.D. Aber (eds). **Restoration ecology. A synthetic approach to ecological research:** 23-29. Cambridge University Press.

Brink, A.B.A., Mabbutt, J.A., Webster, R. & Beckett, P.H.T. 1965. **Report of the working group on land classification and data storage.** Military Engrg.Exp. Establ.Rep. nº 940. Christchurch.

Brinson, M.M., Hauer, F.R., Lee, L.C., Nutter, W.L., Rheinhardt, R.D., Smith, R.D., & Whigham, D. 1995. **Guide book for application of hydrogeomorphic assessments to riverine wetlands.** Technical Reports TR-WRP-DE-11. Waterways Experiment Station. Army Corps of Engineers. Vicksburg, MS.

Cairns, J. 1995. Ecological integrity of aquatic systems. *Regulated rivers*, 11:313-323.

Cairns, J., McCormick, P.V., & Niederlehner, B.R. 1993. A proposed framedwork for developing indicators of ecosystem health. *Hydrobiologia*, 263:1-44.

Cale, W.G. 1988. Characterizing populations as entities in ecosystem models. Problems and limitations of mass-balance modeling. *Ecological Modeling*, 42: 89-102.

Caldwell, L.K. 1970. The ecosystem as a criterion for public land policy. *Nat Res.J.*, 10:203-221.

Caldwell, L.K. 1988. Implementing an ecological system approach to basinwide management. In: L.K. Caldwell (ed). **Perspectives on Ecosystem Management for Great Lakes: A reader** :1-29. Suny Press.Albany.

- Carles, J.L. González Bernáldez, F. & Lucio, J.V. 1992. Audio-visal interactions in sound scope preferences. *Landscape Research*, 17(2):52-56
- Carpenter, R.A. 1996. Ecology should apply to ecosystem management: A comment. *Ecological Applications*, 6(4):1373-1377.
- Casado, S. 1997. **Los primeros pasos de la ecología en España**. Serie Estudios. Ministerio de Agricultura Presca y Alimentación. Madrid.
- Casado, S. & Montes, C. 1994. ¿Que es Ecología? La definición de Ecología desde su historia. *Arbor*, 579: 99-125.
- Casado, S. & Montes, C. 1995. **Guía de los lagos y humedales españoles**. J.M. Reyero ediciones. Madrid.
- Castrillo, C., 1995. **Estudio de la toponimia del Parque Nacional de Doñana**. Asistencia Técnica. ICONA. MAPA.
- Cendrero, A. & Sanchez, J. 1990. Geoscientific maps for planning in semiarid regions. *Engineering Geology*, 29:291-319.
- Cervantes, J.F. 1989. Modelo geoecosistémico para la protección, uso y manejo del medio y los recursos naturales. *Boletín del Instituto de Geografía*, 19: 27-38
- Chapman, P.M. 1992. Ecosystem health synthesis: can we get there from here?. *Journal of Aquatic Ecosystem Health*, 1:69-79.
- Chorley, R.J. & Kennedy, B.A. 1971. **Physical Geography. A systems Approach**. Prentice-Hall. London.
- Christian, C.S. & Steward, G.A., 1968. Methodology of integrated surveys. In: Aerial surveys and integrated studies. *Proceedings Toulouse Conference*: 233-280. UNESCO. Paris.
- Clemente, L.; Rodríguez, A; Rodríguez, J. y Cáceres, L. 1997. Formación de horizontes calizos en suelos sobre arenas silíceas del Parque Nacional de Doñana. *Ét. Géogr. Phys., Suppl.* nº 26:127-130.
- Clemente, L., Siljeström, P. & Rodriguez, A. 1997. Relación suelo-geomorfología en el Parque Nacional de Doñana. *Cuaternario y Geomorfología*, 11(1-2): 33-42.
- Cole, J., Lovett, G. & Findlay, S. (eds). 1991. **Comparative Analyses of Ecosystems. Patterns, Mechanisms and Theories**. Springer-Verlag. New York.
- Connell, J.H. & Sousa, W.P. 1983. On the evidence needed to judge ecological stability or persistence. *American Naturalist*, 121:789-824.
- Costanza, R. (ed). 1991a. **Ecological economics: the science and management of sustainability**. Columbia University Press. New York.

Costanza, R. 1991b. Assuring sustainability of ecological economics systems. In: R. Costanza (ed) 1991. **Ecological economics: the science and management of sustainability:** 332-343. Columbia University Press. New York.

Costanza, R. 1996. Ecological economics: reintegrating the study of humans and nature. *Ecological Applications*, 6(4): 978-990.

Costanza, R., Herman, E.D., Bartholomew, J.A. 1991. Goals, agenda and policy recommendations for ecological economics. In: R. Costanza (ed) 1991. **Ecological economics: the science and management of sustainability:** 1-20. Columbia University Press. New York.

Costanza, R. & Daly, R.H. 1992. Natural capital and sustainable development. *Conservation Biology*, 6:37-46.

Costanza, R. & O'Neill, R.V. 1996. Introduction: Ecological Economics and sustainability. *Ecological Applications*, 6(4): 975-977.

Costanza, R., d'Arge, R., de Groot, R., Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neill, Paruelo, J., Raskin, R., Sutton, P. & van den Belt, M. 1997. The value of the world's ecosystem services and natural capital. *Nature*, 387:253-260.

Covich, A.P. 1996. Stream biodiversity and ecosystem processes. *Bulletin NABS*, 13(2):294-303.

Daily, G. & Erlich, P.R. 1992. population, sustainability and the Earth's carrying capacity. *BioScience*, 42:761-771.

Daily, G. & Erlich, P.R. 1996. Socioeconomic equity, sustainability, and earth's carrying capacity. *Ecological Applications*, 6(4):991-1001.

Daily, G.(ed). 1997. **Nature's services: societal dependence on natural ecosystems.** Island. Washington D.C.

Daly, H.E. 1991. **Ecological Economics and Sustainable Development: from Concept to Policy.** The World Bank.

Dantín Cereceda, J. 1912. **Resumen fisiográfico de la Península Ibérica.** Trabajos del Museo de Ciencias Naturales, 9. Madrid.

Dantín Cereceda, J. 1922. **Ensayo acerca de las regiones naturales de España.** Tomo I. Museo Pedagógico Nacional. Madrid.

DeAngelis, D.L. 1992. **Dynamic of nutrient cycling and food webs.** Chapman & Hall. London.

DeAngelis, D.L & Waterhouse, J.C., 1987. Equilibrium and nonequilibrium concepts in ecological models. *Ecological Monographs*, 57(1):1-21.

DeAngelis, D.L. & White, P.S. 1994. Ecosystems as products of spatially and temporally varying driving forces, ecological processss, and landscapes: A theoretical perspective. In: S.M. Davis & J.C. Ogden (eds). **Everglades. The Ecosystem and its Restoration**:9-27. St.Lucie Press. Florida.

De Groot, R.S. 1992. **Functions of Nature. Evaluation of Nature in Environmental Planning, Management and Decision Making.** Wolters-Noordhoff. Groningen.

De Pablo, C.T., Gomez Sal, A. & Pineda, F.D. 1987. Elaboration automatique d'une cartographie écologique et son évaluation avec des paramètres de la théorie de l'information. *L'Espace Géographique*, 2:115-128.

De Pablo, C.T., Martín de Agar, P., Gomez Sal, A. & Pineda, F.D. 1988. Descriptive capacity and indicative value of territorial variables in ecological cartography. *Landscape Ecology*, 1(4):203-211.

De Pablo, C.T. & Martín de Agar, P. 1993. Bases teóricas de la cartografía ecológica. *Quercus*, 88:32-35.

De Pablo, C.T., Martín de Agar, P., Barturen, R., Nicolas, J.P. & Pineda, J.P. 1994. Design of an Information System for Environmental Planning and Management (SIPA). *Journal of Environmental Management*, 40:234-243.

Dover, S.R., Norton, T.W. & Handmer, J.W. 1996. Uncertainty, ecology, sustainability and policy. *Biodiversity and Conservation*, 5:1143-1167.

Fauth, J.E., Bernando, J., Camara, M., Resetarits, W.J., Buskirk, J.V. & McCollum, S.A. 1996. Simplifying the jargon of community ecology: a conceptual approach. *The American Naturalist*, 147 (2):282-286.

Fenchel, T. 1987. **Ecology. Potential and limitations.** O. Kinne (ed) Excellence in Ecology. 1. Ecology Institute. Germany.

Fitzsimmons, A. 1994. **Federal ecosystem management: a "train wreck" in the making.** Policy Analysis 217. The CATO Institute. Washington, D.C.

Fisher, S.G. 1994. Pattern, process and scale in freshwater systems: some unifying thoughts. In: P.S. Giller, A.G. Hildrew & D.G. Raffaelli (eds). **Aquatic ecology. Scale, Pattern and Process.** 575-591. Blacwell Science.

Floristan, A 1953. Sobre el concepto y contenido de la Geografía. *Rev. Estudios Pedagógicos*, 14-15:

Folke, C., Holling, C.S. & Perrings, C. 1996. Biological diversity, ecosystems and the human scale. *Ecological Applications*, 6(4):1018-1024.

Forman, R.T. & Godron, M. 1986. **Landscape Ecology.** J.Wiley & Sons New York.

Franklin, J.F., 1987. Importance and justification of long-term research. In: G.E. Likens (ed). **Long-term studies in Ecology. Approaches and Alternatives**: 3-19. Springer-Verlag. New York.

Gaston, K.J. 1996. What is biodiversity? In: K.J. Gaston (ed). **Biodiversity**. Blacwell Science. Oxford.

Gitay, H., Wilson, J.B. & Lee, W.G. 1996. Species redundancy: a redundant concept? *Journal of Ecology*, 84:121-124.

Goldstein, B. 1992. The struggle over ecosystem management at yellowstone In: J.H.M. Willison, S. Bondrup-Nielsen, C. Drysdale, T.B. Herman, N.W.P. Munro & T.L. (eds). **Science and the management of protected areas**: 47-53. Elsevier. Amsterdam.

Golley, F.B. 1994. **A history of the ecosystem concept in Ecology. More than the sum of the parts.** Yale University Press.

González Bernáldez, F. (Coord). 1973a. **Estudio ecológico de la Subregión de Madrid.** COPLACO. MOPU. Madrid.

González Bernáldez, F. (Coord). 1973b. **Terrestrial ecosystems adjacent to large reservoirs. Ecological survey and impact diagnosis.** International Commission on Large Dams. CEDEX. DGOH. MOPU. Madrid.

González Bernáldez, F (Coord.) 1976. **Estudios ecológicos en Sierra Morena.**ICONA. Monografía, 8. Ministerio de Agricultura. Madrid.

Gonzalez Bernáldez, F. 1980. El Medio Ambiente y las Ciencias de la naturaleza. En: F. Diaz-Pineda (edit.). **Necesidades científico-técnicas del Medio Ambiente**:51-69. CIFCA. Madrid.

Gonzalez Bernáldez, F. 1981. **Ecología y Paisaje.** Blume. Madrid..

Gonzalez Bernáldez, F. 1982. **Análisis ecosistémico de los recursos naturales.** Centro Internacional de Formación en Ciencias Ambientales (CIFCA). Madrid.

González Bernáldez, F. 1985. **Invitación a la ecología humana. La adaptación afectiva al entorno.** Tecnos. Madrid.

González Bernáldez, F. 1989. Relación entre espacios naturales protegidos y protegibles. Los términos de una polémica. En: **Supervivencia de los Espacios Naturales. Coloquio Hispano Frances sobre Espacios Naturales en España y Francia**:45-59. Casa de Velazquez. MAPA. Madrid.

González Bernáldez, F. 1991a. Diversidad biológica, gestión de ecosistemas y nuevas políticas agrarias. En: F.D. Pineda, M.A. Casado, J.M. de Miguel y J.Montalvo (eds). **Diversidad Biológica**: 23-32. Fundación Ramón Areces. ADENA/WWF. Madrid.

Gonzalez Bernáldez, F. 1991b. Ecological consequences of the abandonement of traditional land use system in central Spain. In: J. Baudry & R.G.H. (eds). **Land abandonement and its role in conservation:** 23-29. Options Méditerranéennes. IAZ. Zaragoza.

González Bernáldez, F. 1992a. El empobrecimiento de la biodiversidad como problema mundial. En: **En el umbral del tercer milenio:** 139-145. Ministerio de Relaciones con las Cortes y de la Secretaría del Gobierno. Oficina del Comisario General de la Exposición Universal de Sevilla.

González Bernáldez, F. 1992b. **Los paisajes del agua. Terminología popular de los humedales.** J.M. Reyero Ed. Madrid.

González Bernáldez, F., Ghabbour, S. & Mitrani, P. 1982. **Environmental Awareness and value Systems.** Study n° 11. Blue Plan for the Mediterranean. MEDEAS Sophia Antipolis. Valbonne. Francia. United Nations Environmental Programme. (UNEP).

González Bernáldez, F., Ruiz, J.P. & Ruiz, M. 1984. Landscape perception and appraisal, ethics, aesthetics and utility. *Proceedings of 8th International Conference on environment and Human Action.:* 67-70. IAPS. W.Berlin.

González Bernáldez, F. & Montes, C. 1989. Conservación de especies=conservación de ecosistemas. El caso de los humedales. *Options Méditerranéennes*, 3: 249-252.

Goodland, R. & Daly, H. 1996. Environmental sustainability: universal and non-negotiable. *Ecological Applications*, 6(4):1002-1017.

Grimm, N.B. 1995. Why link species and ecosystems? A perspective from ecosystem ecology. In C.G. Jones & J.H. Lawton (eds). **Linking species & ecosystems:** 5-15. Chapman and Hall. New York.

Grimm, V. & Wissel, C. 1977. Babel, or the ecological stability discussions: an inventory and analysis of terminology and a guide for avoiding confusion. *Oecologia*, 106:323-334.

Grumbine, R. 1994. What is ecosystem management?. *Conservation Biology*, 8(1):27-38.

Gunderson, L., Holling, C. & Light, S. 1995. **Barriers and bridges to renewal of ecosystems and institutions.** Columbia University Press. New York.

Gutierrez Puebla, J. & Gould, H. 1994. **SIG. Sistemas de Información Geográfica.** Ed. Síntesis. Madrid.

Haase, G. 1989. Medium scale landscape classification in the German Democratic Republic. *Landscape Ecology*, 3(1):29-41.

Haeckel, E. 1866. **Generelle Morphologie der Organismen: Allgemeine Grundzüge der organischen Formen-wissenschaft, mechanisch begründet durch die von Charles Darwin reformirte Descendenz-Theorie.** 2 vols. Berlin.

Harper, J. & Hawksworth, D.L. 1995. Preface In: D.L. Hawksworth (ed) **Biodiversity. Measurement and stimation:** 5-12. The Royal Society. Chapman & Hall.

Harrison, G.W. 1979. Stability under environmental stress: resistance, resilience, persistence and variability. *American Naturalist*, 113:659-669.

Harte, M. 1996. Ecology, sustainability and environment as capital. *Ecological Economics*, 15:157-164.

Hernández Pacheco, E. 1934. **Síntesis fisográfica y geológica de España.** Trabajos del Museo Nacional de Ciencias Naturales. Serie Geológica, 38. Junta de Ampliación de Estudios e Investigaciones Científicas. Madrid.

Hernández Pacheco, E. 1955-1956. **Fisiografía del Solar Hispano.** Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Naturales, 16. Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. 2 vol.

Hochberg, M.E. & Lawton, J.H. 1990. Competition between kingdoms. *Tree*, 5 (11): 367-371.

Hoekstra, T.W., Allen, T.F.H. & Flather, C. 1991. Implicit scaling in the choice of organism and ecological concept: or when to make studies of mice and men. *BioScience*, 41(3):148-154.

Holling, C.S. 1973. Resilience and stability of ecological sytems. *Annual Review of Ecology and Systematics*, 4:1-23.

Holling, C.S. (ed). 1978. **Adaptive environmental Assessment and Management.** John Wiley & Sons. London.

Holling, C.S., Schindler, D.W., Walker, B.H. & Roughgarden, J. 1995. Biodiversity in the functioning of ecosystem: an ecological primer and synthesis. In: C.A. Perrings, K.G. Mäler, C. Folke, C.H. Holling & B.O. Jansson (eds). **Biodiversity loss: ecological and economic issues:** 44-83. Cambridge University Press.

Ibarra, P. 1993. **Naturaleza y hombre en el sur del Campo de Gibraltar: un análisis paisajístico integrado.** Consejería de Cultura y Medio Ambiente. Junta de Andalucía.

ICBP. 1992. **Putting Biodiversity on the Map: priority areas for global conservation.** ICBP (Birdlife International, Cambridge.

Isachenko, A.G. 1973. **Principles of landscape science and physical-geographic regionalization** (traducido del ruso por R.J. Zatorski) Merlburne University Press.

Johnson, A. 1995. The good, the bad and the ugly: science, aesthetics and environmental assesment. *Biodiversity and Conservation*, 4:758-766.

Johnson, S.P. 1993. **The Earth Summit: the United Nations Conference on Environment and Development** (UNCED). Graham and Trotman, London.

Jones, C.G. & Lawton, J.H. (eds) 1995. **Linking species & ecosystems**. Chapman and Hall. New York.

Jones, C.G., Lawton, J.H. & Shachak, M. 1994. Organisms as ecosystem engineers. *Oikos*, 69: 373-386.

Karr, J.R. 1995. Ecological integrity and ecological health are not the same. In: P. Schulze (ed). **Engineering within ecological constraint**: 97-109. National Academy of Engineering. National Academy Press. Washington, DC.

Karr, J.R. 1991. Biological integrity: a long-neglected aspect of water resource management. *Ecological Applications*, 1: 66-84.

Karr, J.R, & Dudley, D.R. 1981. Ecological perspective on water quality goals. *Environmental Management*, 5:55-68.

Kay, J.J. 1991. A nonequilibrium thermodynamic framework for discussing ecosystem integrity. *Environmental Management*, 15:483-495.

Klijn, F. 1988. Ecoseries. Aanzet tot een standplaats typologie. CML-report 45/RIVM. Leiden.

Klijn, F. 1991. Hierarchical classification of ecosystems: a tool for susceptibility analysis and quality evaluation for environmental policy. In: O. Ravaera (ed.) **Terrestrial and aquatic ecosystems. Perturbation and recovery**:80-89. Ellis Horwood. Chichester.

Klijn, F. (ed). 1994 **Ecosystem classification for environmental Management**. Kluwer Academic Press. Dordrecht.

Klijn, F. 1994. Spatially nested ecosystems, guidelines for classification fromm a hierarchical perspective. In: F. Klijn (ed.). **Ecosystem Classification for Environmental Management**: 85-116. Kluwer Academic Publisher. Dordrecht.

Klijn, F. & Udo de Haes, H.A. 1994. A hierchical approach to ecosystems and its implications for ecological land classification. *Landscape Ecology*, 9(2):89-104.

Kormondy, E.J. 1974. Natural and human ecosystems. In: F. Sargent (ed) **Human ecology** :27-43. Amsterdam.North Holland Publishing Company.

Krebs, C.J. 1988. **The message of Ecology**. Harper Collins. New York.

Krishman, R., Harris, J.M. & Goodwin. (eds). 1995. **A survey of ecological economics**. Island Press. Washington, D.C.

Lario, J. 1996. **Último y presente interglacial en el área de conexión Atlántico-Mediterráneo (Sur de España). Variaciones del nivel del mar, paleoclima y paleoambientes.** Tesis Doctoral Universidad Complutense de Madrid.

Lawton, J.H. 1994. What do species do in ecosystems? *Oikos*, 71:367-374.

Leser, H., 1991. **Landschaftsökologie.** 3rd ed. Verlag Eugen Ulmer. Stuttgart.

Likens, G.E. 1992. **The ecosystem approach: Its use and abuse.** O. Kinne (ed) Excellence in Ecology. 3. Ecology Institute. Germany.

Likens, G.E. 1995. Issues. In: C.G. Jones & J.H. Lawton (eds). **Linking species species and ecosystems.** Chapman & Hall.

Lindeman, R.L. 1942. The trophic dynamic aspect of Ecology. *Ecology*, 23:399-418.

Lopez Bermudez, F., Rubio Recio, J.M. & Cuadrat, J.M. 1992. **Geografía Física.** Cátedra. Madrid.

Mackay, R.J. 1992. Colonization by lotic macroinvertebrates: a review of processes and patterns. *Journal of Fisheries and Aquatic Sciences*, 49:617-628.

Maltby, E., Hogan, D.V., Immirzi,C.P., Tellmam, J.H. & Van der Peijl, M.J. 1994. Building a new approach to the investigation and assessment of wetland ecosystem functioning. In: W.J. Mitsch (ed). **Global Wetlands: Old world and new:** 637-658. Elsevier Science.

Maltby, E. (Coord.). 1996. **Functional analyses of European wetland ecosystems. (FAEWE).** Ecosystems Research Report, 18. DG-XII. European Commission. Brussels.

Maltchik, L., Molla, S., Montes, C. & Casado, C. 1996. Nutrient spiralling study during a period of low hydric disturbance in a Mediterranean temporary stream *Hydrobiologia*, 335(2):133-139.

Margalef, R. 1974. **Ecología.** Omega. Barcelona.

Margalef, R. 1987. Teoría y modelado de los sistemas fluctuantes. En: R. Llamas (ed). **Bases Científicas para la protección de los humedales en España:** 65-78. Real Academia de Ciencias. Madrid.

Margalef, R. 1991. **Teoría de los sistemas ecológicos.** Publ.Universidad de Barcelona.

Martín de Agar, P., 1984. **Ecología y planeamiento territorial: Metodología y estudio de casos en la región murciana.** Secretariado de Publicaciones. Universidad de Murcia.

Martín de Agar, P., De Pablo, C.T. & Pineda, F.D. 1995. Mapping the ecological structure of a territory: A case study in Madrid (Central Spain). *Environmental Management*, 19(3):345-357.

Martinez de Pisón, E (Coord). 1977. **Los paisajes naturales de Segovia, Avila, Toledo y Cáceres.** Instituto de Estudios de Administración local. Madrid.

Maser, C. 1994. **Sustainable forestry. Philosophy, Science and Economics.** St. Lucie Press. Florida.
May, R. 1994. Ecological science and the management of protected areas. *Biodiversity and Conservation*, 3:437-448.

McAllister, D.E. 1991. What is biodiversity? *Can. Biodiv.* 1:4-6.

McIntosh, R.P. 1985. **The background of Ecology. Concept and theory.** Cambridge University Press. Cambridge.

McNeely, J.A., Miller, K.R., Reid, W.V., Mittermeier, R.A. & Werner, T.B. 1990. Conserving the World's Biodiversity. IUCN, WRI, CI, WWF and World Bank. Washington D.C.

Meyer, J. 1997. Stream health: incorporating the human dimension to advance stream ecology. *J. N. Benthol. Soc.*, 16(2):439-447.

Magurran, A.E. 1988. **Ecological Diversity and its Measurement.** Croom Helm. London.

Ministry of Natural Resource. 1993. **Ontario Wetland Evaluation System.** NEST Technical Manual TM-002. 3rd edition. Ontario. Cnadá.

Minns, C.K. 1995. Approaches to assesing and managing cumulative change with the Bay of Quinte as a case study: an essay. *Journal of Aquatic Ecosystem Health*, 4:1-24.

Mitsch, W. 1993. Ecological Engineering. *Environ. Sci. Technol.*, 27(3):438-445.

Montes, C. 1995. Los humedales españoles protegidos. Conservación vs. Confusión. *El Campo Monográfico sobre el Agua*: 101-128. Banco Bilbao Vizcaya.

Montes, C. 1995 (Coord.). **Tipificación y clasificación de humedales: Bases para la elaboración de modelos de actuación y gestión prioritarios.** Inima. Dirección General de Obras Hidráulicas. MOPTMA

Moreira, J.M. 1991. **Capacidad de uso y erosión de suelos. Una aproximación a la evaluación de tierras en Andalucía.** Agencia de Medio Ambiente.Junta de Andalucía. Sevilla.

Moreira, J.M. 1995. Medio Físico, Actividad Agraria y Medio Ambiente. Coloquio de Geografía Rural. *Actas del VII de Córdoba. Serie: Estudios de Geografía*, 9: 47-82. Servicio de Publicaciones de la Universidad de Córdoba.

Moreira, J.M. (Coord.) 1995. **Reconocimiento Biofísico de espacios naturales protegidos. Parque Natural Sierra de Hornachuelos.** Consejería de Medio Ambiente. Junta de Andalucía. Sevilla.

Moreira, J.M. & Fernández-Palacios, A. 1995. **Usos y coberturas vegetales del suelo en Andalucía. Seguimiento a través de imágenes de satélite.** Consejería de Medio Ambiente. Junta de Andalucía. Sevilla.

Moreira, J.M. & Fernández-Palacios, A. 1996. **Sistema de Información Ambiental de Andalucía. SinambA.** Consejería de Medio Ambiente. Junta de Andalucía. Sevilla.

Naiman, R.J., Lonzarich, D.G., Beechie, T.J. & Ralph, S.C. 1992. General principles of classification and the Assessment of Conservation potential in rivers. En: P.J. Boon, P. Calow & G.E. Petts (eds). **River conservation and management:** 93-123. John Wiley & Sons.

Naredo, J.M. 1996. **La Economía en Evolución.** 2ºed. Siglo XXI. Madrid.

National Research Council (NCR), 1995. **Wetlands. Characteristic and Boundaries.** National Academic Press. Washington, D.C.

Naveh, Z. 1991. Some remarks on recent developments in landscape ecology as a transdisciplinary ecological and geographical science. *Landscape Ecology*, 5(2):65-73.

Naveh, Z. 1994. From Biodiversity to Ecodiversity: A Landscape-Ecology approach to conservation and restoration. *Restoration Ecology*, 2(3):180-189.

Naveh, Z. & Kutiel, P. 1990. Changes in vegetation in the Mediterranean basin in response to human habitation. In: G. Woodwell (ed). **The impoverishment of the biosphere:** 259-300. Cambridge University Press. New York.

Naveh, Z. & Lieberman, A.S. 1994. **Landscape Ecology. Theory and Application.** 2ª ed. Springer-Verlag. New York.

Neef, E., 1967. **Die Theoretischen Grundlagen der Landschaftslehre.** Haach, Gotha/Leipzig.

Niederlehner, B.R. & Cairns, J. 1994. Consistency and sensitivity of community level endpoints in microcosm test. *Journal of Aquatic Ecosystem Health*, 3:93-99.

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

Norse, E.A. (ed). 1994. **Global Marine Biological Diversity: a strategy for building conservation into decision making.** Island Press. Washington D.C.

Odum, E.P. 1953. **Fundamentals of Ecology.** W.B.Saunders, Philadelphia.

Odum, E.P. 1969. The strategy of ecosystem development. *Science*, 164:262-269.

O'Neill, R.V. 1976. Ecosystem persistence and heterotrophic regulations. *Ecology*, 57: 1244-1253.

- O'Neill, R.V. 1996. Perspectives on economics and ecology. *Ecological Applications*, 6(4):1031-1033.
- O'Neill, R.V., DeAngelis, D.L., Waide, J.B. & Allen, T.F.H. 1986. **A Hierarchical Concept of Ecosystems**. Princeton University Press. New Jersey.
- Office of Technology Assesment (OTA) 1987. **Technologies to maintain biological diversity**. US Government Printing Office. Washington, D.C.
- Palmer, M. & Poff, N.L. 1997. The influence of environmental heterogeneity on patterns and processes in streams. *J.N.Am.Benthol.Soc.*, 16(1):169-173.
- Pastor, J. 1995. Ecosystem management, ecological risk, and public policy. *BioScience*, 45:286-288.
- Pedraza, J., Centeno, J.D., Ortega, L.I., González Alonso, S. 1985. **Mapa Fisiográfico de Madrid**. Consejería de Agricultura y Ganadería. CAM. Madrid.
- Pedraza, J. 1996. **Geomorfología. Principios, Métodos y Aplicaciones**. Rueda. Madrid.
- Pérez-Chacón, E. 1995. Ciencia del Paisaje y planes de ordenación territorial. *Monografies de L'EQUIP* 6, :31-59.
- Peters, R.H. 1991. **A critique for Ecology**. Cambridge University Press, Cambridge.
- Pickett, S. & White, P.S. 1985. Natural disturbance and patch dynamics: An introduction. In: S. Pickett & P.S. White (eds). **The ecology of Natural disturbance and patch dynamics**:3-13. Academic Press. New York.
- Pickett, S., Kolasa, J. & Jones, C.G. 1994. **Ecological Understanding. The nature of theory and the theory of nature**. Academic Press. New York.
- Pimentel, D. Stachow, U, Takacs, D.A., Brubaker, H. W., Dumas, A.R., Meaney, J.J., O'Neil, J.A., Onsi, D.E. & Corzilius, D.B. 1992. Conserving biological diversity in agriculture/forestry systems. *BioScience*, 42: 354-362.
- Pineda, F.D. & Montalvo, J. 1995. Dehesa systems in the western mediterranean. Biological diversity in traditional land use systems. In: P. Halladay & D.A. Gilmour (eds). **Conserving biodiversity outside protected areas. The role of traditional agro-ecosystems**: 107-122. IUCN, Gland.
- Pineda, F.D. 1995. Diversidad biológica, biodiversidad y territorio. *I Conferencia Europea de Ecología y Medio Ambiente*: 17-22.
- Prendergast, J.R., Quinn, R.M., Lawton, J.H., Eversham, B.C. & Gibbons, D.W. 1993. Rare species, the coincidence of diversity hotspot and conservation strategies. *Nature*, 365:335-337.

Raffaelli, D.G., Hildrew, A.G., & Giller, P.S., 1994. Scale, pattern and process in aquatic systems: concluding remarks. In In: P.S. Giller, A.G. Hildrew & D.G. Raffaelli (eds). **Aquatic ecology. Scale, Pattern and Process**: 601-606. Blacwell Science.

Ramirez, L. 1992. **Cartografía ecológica del Parque Regional de la Cuenca Alta del Manzanares. Ensayo preliminar para la evaluación automática del territorio.** Centro de Investigación de Espacios naturales Protegidos Fernando González Bernáldez. Serie Documentos nº 6

Rapport, D.J. 1989. What constitute ecosystem health? *Perspectives in Biology and Medicine*, 33: 120-132.
Regier, H.A., 1993. The notion of natural and cultural integrity. In: S. Woodley, J. Kay & G. Francis (eds) **Ecological Integrity and the management of ecosystems**: 3-18. St. Lucie Press. Florida.

Reynolds, C.S. 1993. The ecosystems approach to water management. The main features of the ecosystems concept. *Journal of Aquatic Ecosystem Health*, 2:3-8

Reynoldson, T.B. & Metcalfe-Smith, J.L. 1992. An overview of the assessment of aquatic ecosystem health using benthic macroinvertebrates. *Journal of Aquatic Ecosystem Health*, 1:295-305.

Richard, J.F. 1975. Paysage, écosystèmes, environnement: une approche géographique. *L'espace géographique* 4(2):81-92.

Risser, P.G. 1995. Biodiversity and ecosystem function. *Conservation Biology*, 9:742-746.

Rivas Martinez, S. 1993. **Discurso de contestación del excmo. Sr. D. Salvador Rivas Martínez en el acto de recepción del excmo. Sr. D. Angel Ramos Fernandez en la Real Academia de Ciencias Exactas Físicas y Naturales de Madrid.** Fundación Conde del Valle de Salazar. Madrid.

Rodriguez, J. 1994. Some comments on the size-based structural analysis of pelagic ecosystem. *Sci. Mar.*, 58(1-2):1-10.

Rosa de la, D. & Moreira, J.M. (eds). **Evaluación Ecológica de Recursos Naturales de Andalucía.** Servicio de Evaluación de Recursos Naturales, AMA. Junta de Andalucía. Sevilla.

Rougerie, G. & Beroutchachvili, N. 1991. **Geosystemes et paysages.** Bilan et Méthodes. Arman Colin. Paris.

Ruiz, M. 1988. Recursos naturales. En: A. Ramos (ed). **Diccionario de la Naturaleza**: 813-817. Espasa-Calpe. Madrid.

Sagoff, M. 1992. Has nature a good of its own? In: R. Costanza, B.G. Norton & B.D. Haskell (eds). **Ecosystem health**: 57-71. Island Press, Washington DC.

Sancho Royo, R., Fernández Ales, R., González Bernáldez, F. & Rodenas, M. 1981. **Sistema IRAMS: evaluación de alternativas de uso en la ordenación integral del territorio.** Serv. Publ. Universidad de Sevilla.

- Sattler, R. 1986. **Biophilosophy: Analitic and Holistic Perspectives**. Springer-Verlag. Berlin.
- Saunder, D. & Hobbs, R.J. (eds). 1991. **The role of corridors**. Surrey Beaty & Sons Pty Limited.
- Schindler, D.W. 1987. Detecting ecosystem responses to anthropogenic stress. *Canadian Journal of Fisheries and Aquatic Sciences*, 44:6-25.
- Schoener, T.W. 1986. Mechanistic approaches to community Ecology: A new reductionism?. *Amer. Zool.*, 26:81-106.
- Schlesinger, W.H. 1991. **Biogeochemistry: An analysis of global change**. Academic Press. San Diego.
- Schultz, A.M., 1967. The ecosystem as a conceptual tool in the management of natural resources. En: S.V. Ciriacy & J.J. Parson (eds). **Natural resources: Quality and Quantity**: 139-161. University of California Press. Berkeley.
- Schulze, E.D. & Mooney, H.A. 1993a. Ecosystem Function of Biodiversity: A summary. I: E.D. Schulze & H.A. Mooney (eds) 1993. **Biodiversity and ecosystem function**: 497-509. Springer-Verlag. New York.
- Schulze, E.D. & Mooney, H.A. (eds) 1993b. **Biodiversity and ecosystem function**. Springer-Verlag. New York.
- Scrimgeour, G., & Wicklum, D. 1996. Aquatic ecosystem health and integrity: problems and potential solutions. *J. N. Benthol. Soc.*, 15(2):254-261.
- Shrader-Frechette, K.S. 1994. Ecosystem health: a new paradigm for ecological assessment? *Tree*, 9(12):456-457.
- Slocombe, D.S. 1993a Environmental planning, ecosystem science and ecosystem approaches for integrating environment and development. *Environmental Management*, 17(3):289-303.
- Slocombe, D.S. 1993b. Implementing ecosystem-based management. *BioScience*, 43(9):612-622.
- Sochava, V.B. 1963. **Opriedielieni niekotorykh ponyatii i terminov fizicheskoi gheografii** (*Definición de algunos conceptos y términos de Geografía Física*) Doklady In-ta gheografii Sibiri i Dal'nego Vostoka. Vyp.3.
- Solntev, N.A. 1962. Basic problems in Soviet problems in Soviet lansdcape *Science.Sov.Geogr.*, 3:3-15.
- Solbrig, O.T. 1991. The origin and function of biodiversity. *Environment*, 33:16-38.
- Steedmam, R.J. 1994. Ecosystem health as a management goal. *J. N. Benthol. Soc.*, 13(4):605-610.
- Stoddart, C.1965. Geography and the ecological approach; the ecosystem as a geographic principle and method. *Geography*, 50: 242-251.

Stevenson, A.C. 1995. Monitoring, Modelling, Palaeoecology and wetland dynamics. In: C. Montes, G. Oliver, F. Molina & J. Cobos (eds). **Bases ecológicas para la restauración de humedales en la Cuenca Mediterránea:** 79-94. Consejería de Medio Ambiente. Junta de Andalucía. Sevilla.

Suter, G.W., 1993. A critique of ecosystem health concepts and indexes. *Environmental Toxicology and Chemistry*, 12:1533-1539.

Tacconi, L. 1995. **Scientific methodology for ecological economics.** School of economics and management. University of South Wales. Canberra.

Tansley M. 1935. the use and abuse of vegetational concepts and terms. *Ecology*, 16:16:284-307.

Tricart, J. 1965. **Principes et méthodes de la Géomorphologie.** Masson et Cie. París.

Tricart, J. 1987. Le milieu Naturel terrestre. integration systemique. *Revue de Géomorphologie dynamique*, 36 (1): 3-16.

Tricart, J. & Kilian, J. 1979. **L'Eco-géographie et l'aménagement du milieu naturel.** ed. F. Maspero.Herodote. Paris. (edición española de 1982. Edit. Anagrama. Barcelona).

Troll, C. 1950. **Die geografische Landschaft und ihre Forschung.** Studium generale 3. Jahrgang Heft 4/5. Springer Verlag. Berlin.

Troll, C. 1968. Landschaftsökologie. In: R. Tuxen (ed). **Pflanzensoziologie und Landschaftsökologie.** Junk Publishers. The Hague.

Udo de Haes, H.A. & Klijn, F. 1994. Environmental policy and ecosystem classification. In: F. Klijn (ed.). **Ecosystem Classification for Environmental Management:** 1-21. Kluwer Academic Publisher.

Urban, D.L., O'Neill, R.V. & Shugart, H.H. 1987. Landscape Ecology. A hierarchical perspective can help scientists understand spatial patterns. *Bioscience*,37(2):119-127.

Usher, M.B. 1986. Wildlife conservation evaluation: attributes, criteria and values. In: M. B. Usher (ed.). **Wildlife conservation evaluation:** 4-44. Chapman and Hall. London.

Van Dyne, G.M.(ed) 1969. **The ecosystem concept in natural resource management.** Academic Press. New York.

Verstappen, H.T. & Van Zuidan, R.A. 1969. **ITC-System of Geomorphological survey.** ITC. Texbook. VII. Delf.

Vitousek, P. 1994. Beyond global warming: ecology and global change. *Ecology*, 75:1861-1876.

Walker, B. 1992. Biological diversity and ecological redundancy. *Conservation Biology*, 6:18-23.

- Walker, B. 1995. Conserving biological diversity through ecosystem resilience. *Conservation Biology*, 9:747-752.
- Walter, C.J. 1986. **Adaptative management of renewable resources.** McGraw Hill. New York.
- Weiss, P.A. (ed). 1971. **Hierarchically organized systems in theory and practice.** Hafner. New York.
- White, I.D., Mottershead, D.N. & Harrison. 1992. **Environmental Systems. An introductory text.** 2nd. Chapman et Hall. London.
- Whittaker, R.H. 1962. Classification of natural communities. *Bot.Rev.*, 28:1-239.
- Wiegert, R.G. 1988. Holism and reductionism in ecology: hypotheses, scale and systems models. *Oikos*, 53:267-269.
- Wicklum, D. & Davies, R.W. 1995. Ecosystem health and integrity? *Canadian Journal of Botany*, 73:997-1000.
- Williams, W.D. 1988. Limnological imbalances: an antipodean viewpoint. *Freshwater Biology*, 20:407-420.
- Wiken, E.B. & Ironside, G. 1977. The development of ecological (Biophysical) land classification in Canada. *Landscape Planning*, 4:273-275.
- Woodley, S., Kay, J. & Francis, G. (eds) 1993. **Ecological Integrity and the management of ecosystems.** St. Lucie Press. Florida.
- Woodley, S. & Theberge, J. 1992. Monitoring for ecosystem integrity in Canadian National Parks. In: J.H.M. Willison, S. Bondrup-Nielsen, C. Drysdale, T.B. Herman, N.W.P. Munro & T.L. (eds). **Science and the management of protected areas:** 369-378. Elsevier. Amsterdam.
- Worster, D. 1993. **The wealth of nature. Environmental history and the ecological imagination.** Oxford University Press. New York.
- Wright, J.F. 1995. Development and use of a system for predicting the macroinvertebrate fauna in flowing waters. *Australian Journal of Ecology*, 20:181-197.
- Zazo, C.; Goy, J.L.; Somoza, L.; Dabrio, C.J.; Belluomini, G.; Improta, S.; Lario, J.; Bardají, T. y Silva, P.G. 1994. Holocene sequence of sea-level fluctuations in relation to climatic trends in the Atlantic-Mediterranean linkage coast. *Journal of Coastal Research*, 10,(4):933-945.
- Zazo, C; Dabrio, C.J; Borja, F.; Goy, J.L.; Lezine, A.M.; Lario, J.; Polo, M.D.; Hoyos, M. & Boersma, J.R. (in press). Pleistocene and Holocene sequence of eolian facies in the Huelva coast (south Spain): climatic and neotectonic implications. *Geologie en Mijnbouw*.

Zonneved, I.S. 1989. The land unit. A fundamental concept in landscape ecology and its applications. *Landscape Ecology*, 3(2):67-86.

Zonneved, I.S. 1990. Scope and concepts of landscape ecology as an emerging science. In: I.S. Zonneved & Forman, R.T. (eds). **Changing landscape. An ecological perspective**: 3-21. Springer. New York.

Zonneved, I.S. 1994. Basic principles of classification. In: F. Klijn (ed.). **Ecosystem Classification for Environmental Management**: 23-47. Kluwer Academic Publisher.