

Articoli per la preparazione dell'esame di ecologia

L'esame scritto di ammissione al dottorato di ricerca in ecologia prevede che vengano preparate tre buste chiuse ciascuna contenente il titolo di tre articoli scelti dall'elenco riportato qui sotto. Dopo aver proceduto all'estrazione a caso di una delle tre buste, vengono letti i titoli degli articoli contenuti nella busta scelta e vengono messe a disposizione le copie cartacee degli articoli selezionati. Il candidato provvede quindi a scegliere rapidamente un lavoro, presenta un breve riassunto dei risultati principali e commenta l'articolo mettendone in evidenza gli elementi più innovativi e/o eventuali critiche, limiti e debolezze e sviluppando l'argomento alla luce della letteratura internazionale precedente e/o successiva. In genere l'esame scritto ha una durata di tre ore.

INDICE:

ARTICOLI PER LA PREPARAZIONE DELL'ESAME DI ECOLOGIA.....	1
ECOLOGIA DI POPOLAZIONI	2
INTERAZIONE TRA SPECIE E COMUNITA'	4
ECOLOGIA DELL'ECOSISTEMA E DEL PAESAGGIO	8
ECOLOGIA APPLICATA (CONSERVAZIONE E GESTIONE DELLE RISORSE BIOLOGICHE, DEPURAZIONE,....)	10
ECOLOGIA MARINA E DELLE ACQUE INTERNE	13
GENETICA DI POPOLAZIONI	17

ECOLOGIA DI POPOLAZIONI

	ANNO	PP	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Charnov, E.L., & W.M. Schaffer. 1973. Life history consequences of natural selection: Cole's result revisited. <i>American Naturalist</i> 107: 791-793	1973	3	A	POP					Evolution		
Caughley, G. & A. Gunn. 1993. Dynamics of large herbivores in deserts: kangaroos and caribou. <i>OIKOS</i> 67: 47-55.	1993	9	B	POP							
Clark, C.W. 1973. The Economics of Overexploitation. <i>Science</i> 181:630-34.	1973	5	A	POP							
Cole, L. C. 1954. The population consequences of life history phenomena. <i>Quart. Rev. Biol.</i> 29:103-37.	1954	35	B	POP							
Coley, P.D., J.P. Bryant, & F.S. Chapin III. 1985. Resource availability and plant antiherbivore defense. <i>Science</i> 230: 895-899.	1985	5	A	POP	INTER						
Ehrlich, P.R., & P.H. Raven. 1964. Butterflies and plants: a study in coevolution. <i>Evolution</i> 18: 586-608	1964	23	B						evolution		
Feeny, P. 1976. Plant apparency and chemical defense. <i>Rec. Adv. Phytochem.</i> 10: 1-40.	1976	40	B	POP							
Levins, R. & D. Culver. 1971. Regional coexistence of species and competition between rare species. <i>Proceedings of the National Academy of Science, USA</i> 68: 1246-1248.	1971	3	A	POP							
May, R.M. & G.F. Oster. 1976. Bifurcations and dynamic complexity in simple ecological models. <i>Amer. Natur.</i> 110: 573-599	1976	27	B	POP							
Mooney, H. A. 1972. The carbon balance of plants. <i>Ann. Rev. Ecol. Syst.</i> 3: 315-346.	1972	32	B	POP							
Pacala, S.W. & J.A. Silander, Jr. 1985. Neighborhood models of plant population dynamics. I. Single-species models of annuals. <i>Amer. Natur.</i> 125: 385-411	1985	27	B	POP							
Porter, W.P., J.W. Mitchell,	1973	54	B	POP							

W.A. Beckman & C.B. DeWitt. 1973. Behavioral implications of mechanistic ecology. <i>Oecologia</i> , 13: 1-54											
Ricker , W. E. 1954. Stock and Recruitment. <i>J. Fish. Res. Bd. Can.</i> 11: 559-623.	1954	65	B	POP						Fresh Water & Marine Ecology	
Rosenzweig , M. 1971. Paradox of enrichment: destabilization of exploitation ecosystems in ecological time. <i>Sci.</i> 171: 385-387.	1971	3	A	POP							
Skellam , J.G. 1951. Random dispersal in theoretical populations. <i>Biometrika</i> 38: 196-218	1951	23	B	POP							
Slobodkin , L.B. 1964. The Strategy of evolution. <i>Amer. Sci.</i> 52 342-357.	1964	16	B						evolution		
Waller , D.M. & D. Green. 1980. Implications of sex for the analysis of life histories. <i>American Naturalist</i> 117:810-813.	1980	4	A	POP							
Conradt L., Clutton-Brock T.H., Guinness F.E. 1999. The relationship between habitat choice and lifetime reproductive success in female red deer. <i>Oecologia</i> 120: 218-224.	1999	7	B	POP							
Debeljak M, Dzeroski S., Jerina K, Kobler A., Adamic M., 2001, Habitat suitability modelling for red deer (<i>Cervus elaphus L.</i>) in South-central Slovenia with classification trees, <i>Ecological Modelling</i> , 138, 321-330.	2001	10	B	POP							
Glenz C., Massolo A., Kuonen D., Schlaepfer R., 2001 A wolf habitat suitability prediction study in Valais (Switzerland), <i>Landscape and Urban Planning</i> , 55,55-65.	201	11	B	POP							
Hughes et al. 1994. Predation, competition, habitat selection, and activity of gerbils . <i>Ecology</i> 75:1397-1405	1994	9	A	POP	INTER						
Kruuk L.E.B., Clutton-Brock T.H., Albon S.D. Pemberton M., Guinness F.E. 1999. Population density affects sex ratio variation in red deer. <i>Nature</i> 399: 459-461.	1999	3	A	POP							

Levins, R. 1966. The strategy of model building in population biology. <i>American Scientist</i> , 54: 421-431 (sez. Ecologia di Popolazioni)	1966	11	B	POP								
MacArthur, R. H. and E. R. Pianka. 1966. On optimal use of a patchy environment. <i>American Naturalist</i> 100: 603-609. 1966.	1966	7	A	POP								

INTERAZIONE TRA SPECIE e COMUNITA'

	ANNO	PP.	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Park, T. 1948. Experimental studies of interspecies competition. <i>Ecological Monographs</i> . 18 (2): 267-307.	1948	41	B		INTER						
Stoll P., Prati D. 2001 Intraspecific aggregation alter competitive interactions in experimental plant community. <i>Ecology</i> 82(2): 319-327.	2001	9	B		INTER						
Tilman, D. 1980. Resources: a graphical-mechanistic approach to competition and predation. <i>Amer. Nat.</i> 116 : 362-393.	1980	32	B		INT						
Anderson, R. M. & R. M. May. 1986. The invasion, persistence and spread of infectious disease within animal and plant communities. <i>Philosophical Transactions of the Royal Society, Series B</i> , 314 , 533-570.	1986	38	B		INT						
Anderson, R.M., C.A. Donnelly, N.M. Ferguson, M.E.J. Woolhouse, C.J. Watt, H.J. Udy, S. MaWhinney, S.P. Dunstan. T.R.E. Southwood, K.W. Wilesmith, JB.M. Ryan, L.J. Hoinville, J.E. Hillerton, A.R. Austin, & G.A.H. Wells. 1996. Transmission dynamics and epidemiology of BSE in British cattle. <i>Nature</i> 382 :779-788.	1996	10	B		INT						
Brooks, J.L., & S.I. Dodson. 1965. Predation, body size, and composition of plankton. <i>Science</i> , v. 150 : 28-35	1965	8	B		INT						
Connell, J. H. 1961a. The influence of interspecific competition and other factors on	1961	14	B		INT						

the distribution of the barnacle, <i>Chthamalus stellatus</i> . <i>Ecology</i> 42 : 710-723.														
Connell, J. H. 1961 <i>b</i> . Effects of competition, predation by <i>Thais lapillus</i> , and other factors on natural populations of the barnacle <i>Balanus balanoides</i> . <i>Ecol. Monogr.</i> 31 : 61-104	1961	44	B		INT									
Davis, M.B. 1986. Climatic Instability, Time Lags, and Community Disequilibrium. In: <i>Community Ecology</i> . (J. Diamond & T.J. Case eds), pp. 269-284. Harper & Row.	1986	16	B		INT	COMM								
Dobson A. P. & P.J. Hudson. 1992. Regulation and stability of a free-living host-parasite system: <i>Trichostrongylus tenuis</i> in red grouse. II. Population Models. <i>J. Anim. Ecol.</i> 61 : 487-498	1992	12	B		INT									
Holling, C. S. 1959. The Components of Predation as Revealed by a Study of Small-Mammal Predation of the European Pine Sawfly. <i>Canadian Entomologist</i> 91 : 293-320	1959	28	B		INT									
Hutchinson, G.E. 1961. The paradox of the plankton. <i>The American Naturalist</i> 95 : 137-145.	1961	8	A		INT							Aquatic	Aquatic	
Janzen, D. H. 1970. Herbivores and the number of tree species in tropical forests. <i>American Naturalist</i> 104 :501-528.	1970	28	B		INT									
Levin, S.A. 1976. Population dynamic models in heterogeneous environments. <i>Annual Review of Ecology and Systematics</i> 7 : 287-310	1976	24	B	POP	INT									
Paine, R. T. 1966. Food web complexity and species diversity. <i>Amer. Nat.</i> 100 : 65-75.	1966	11	A		INT									
Brown, J. H. & Davidson, D.W. 1977. Competition between seed-eating rodents and ants in desert ecosystems. <i>Science</i> , 196 : 880-882.	1977	3	A		INTER	COM								
Connell, J. H. & R.O. Slatyer. 1977. Mechanisms of succession in natural communities and their role in community stability and organization. <i>American Naturalist</i> , 111 : 1119-1144.	1977	26	B			COM								
Hairston, N.G., F.E. Smith. & L.B. Slobodkin. 1960. Community	1960	5	A			COM								

structure, population control, and competition. <i>American Naturalist</i> , 94 , 421-425												
Hassell , M.P. & R.M May. 1974. Aggregation in predators and insect parasites and its effects on stability. <i>J. Anim. Ecol.</i> 43 : 567-594.	1974	28	B		INTER	COM						
Holling 1987 Simplifying the complex: the paradigms of ecological function and structure. <i>European Journal of Operational Research</i> 30 :129-146	1987	18	B			COM						
Horn , H.S. 1975. Markovian properties of forest succession. In: <i>Ecology and Evolution of Communities</i> (M.L. Cody & J.M. Diamond eds), pp. 196-213. Belknap, Cambridge, MA	1975	18	B			COM						
Hubbell , S. P. 1997. A unified theory of biogeography and relative species abundance and its application to tropical rain forests and coral reefs. <i>Coral Reefs</i> 16 :S9-S21.	1997	13	B			COM						
Hutchinson , G. E. 1959. Homage to Santa Rosalia or Why Are There so many Kinds of Animals? <i>The American Naturalist</i> . ICIII(870): 145-159.	1958	15	A			COM						
MacArthur , R.H. 1958. Population ecology of some warblers of Northeastern coniferous forests. <i>Ecology</i> 39 : 599-619	1958	21	B			COM						
Pimm , S. L., J. H. Lawton & J. E. Cohen. 1991. Food web patterns and their consequences. <i>Nature</i> . 350 : 669-674.	1991	6	A			COM						
Rapport D.J., Costanza R., McMichael A. J, 1998 Assessing ecosystem health, <i>TREE</i> , 13(10), 397-402.	1998	6	A			COM						
Simberloff D. , 1999 The role of science in the preservation of forest biodiversity, <i>Forest Ecology and Management</i> , 115,101-111.	1999	10	B			COM						
Aldrich P.R., Hamrick J.L. 1998 Reproductive dominance of pasture trees in a fragmented tropical forest mosaic. <i>Science</i> 281 : 103-105	1998	3	A			COM						
MacArthur , R. 1955. Fluctuation of animal population, and a measure of community stability. <i>Ecology</i> 36 : 533-536. (sez Comunità-Popolazioni)	1955	4	A	POP		COM						

Horn, H.S. 1974. The ecology of secondary succession. <i>Annual Review of Ecology and Systematics</i> 5:25-37.	1974	13	B			COM	ECOSYS				
Losos et al. 1998. Are patterns in the evolution of community structure repeatable? Anolis in the Greater Antilles <i>Science</i> 279:2115-2118.	1998	4	A			COM					
McCann K.S. 2000. The diversity-stability debate. <i>Nature</i> 405 : 228-233.	2000	6	A			COM					
Austin M.P. 1999 A silent crash of paradigms: some inconsistency in community ecology. <i>Oikos</i> 86(1): 170-178	1999	9	B			COM					
Bertness M.D. & Leonard G.H., 1989. The role of positive interactions in communities: lessons from intertidal habitats. <i>Ecology</i> 78(7): 1976-1989	1989	14	B			COM					
Kerr J.T., Oberdorff T., O'Brien E. & Turner J.R.G., 2004. Predictions and tests of climate-based hypothesis of broad-scale variation in taxonomic richness. <i>Ecol. Lett.</i> , 7 1121-1134	2004	14	B			COM					
Callaway R.M., 1997. Positive interactions in plant communities and the individualistic-continuum concept. <i>Oecologia</i> 112: 143-149	1997	7	A			COM					
Callaway R.M. & Walker L.R., 1997. Competition and facilitation: a synthetic approach to interactions in plant community. <i>Ecology</i> 78(7): 1958-1965	1997	8	B			COM					
Callaway R.M. Brooker R.W., Choler P., Kikvidze Z., Lortie C.J., Michalet R., Paolini L., Pugnaire F.I., Newingham B., Aschehoug E.T., Armas C., Kikodze D. & Cook B.J., 2002. Positive interactions among alpine plants increase with stress. <i>Nature</i> 417: 844-848	2002	5	A			COM					
Jones C.G., Lawton G.H., Shachak M., 1997. Positive and negative effects of organisms as physical ecosystem engineers. <i>Ecology</i> 78(7): 1946-1957	1997	12	B			COM					
Leibold M.A., Holyoak M, Mouquet	2004	13	B			COM					

N., Amarasekara P., Chase J.M., Hoopes M.F., Holt R.D., Shurin J.B., Law R., Tilman D., Loreau M. & Gonzales A., 2004. The metacommunity concept: a framework for multi-scale community ecology. <i>Ecol. Lett.</i> , 7: 601-613											
Kendall B.E., Klug J.L. & Rusak J.A., 1999. The dual nature of community variability. <i>Oikos</i> 85(1):161-169	1999	9	B			COM					
Therriault T.W. & Kolasa J., 2000. Explicit links among physical stress, habitat heterogeneity and biodiversity. <i>Oikos</i> 89: 387-391	2000	5	A			COM					
Wright J.P. & Jones C.G., 2004. Predicting effects of ecosystem engineers on patch-scale species richness from primary productivity. <i>Ecology</i> 85(8): 2071-2081	2004	11	B			COM					
Vivian-Smith G., 1997. Microtopographic heterogeneity and floristic diversity in experimental wetland communities. <i>J. Ecol.</i> , 85: 71-82	1997	12	B								

ECOLOGIA DELL'ECOSISTEMA E DEL PAESAGGIO

	ANNO	PP	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Holling 1992 Cross-scale, morphology, geometry and dynamics of ecosystems. <i>Ecological Monographs</i> , 62(24):447-502.	1992	56	B				ECOSYS				
Likens , G.E., F.H. Bormann, N.M. Johnson, D.W. Fisher & R.S. Pierce. 1970. Effects of forest cutting and herbicide treatment on nutrient budgets in the Hubbard Brook Watershed Ecosystem. <i>Ecological Monographs</i> 40:23-47.	1970	25	B				ECOSYS	ECOAPP			
Odum , E.P. 1969. The strategy of ecosystem development. <i>Science</i> 164: 262-270	1969	9	B				ECOSYS				
Tilman D. 2000. Causes, consequences and ethics of	2000	4	A				ECOSYS				

biodiversity. <i>Nature</i> 405: 208-211.											
Tilman, D. & J.A. Downing. 1994. Biodiversity and stability in grasslands. <i>Nature</i> 367 : 363-365	1994	3	A				ECOSYS				
Watt, A. S. 1947. Pattern and process in the plant community. <i>Journal Ecol.</i> 35 : 1-22.	1947	22	B				ECOSYS				
Whittaker, R.H. 1965. Dominance and diversity in land plant communities. <i>Science</i> 147 : 250-260	1965	11	B				ECOSYS				
Brunnell F.L., Huggard D.J., 1999 Biodiversity across spatial and temporal scales: problems and opportunities, <i>Forest Ecology and Management</i> , 115, 113-126.	1999	14	B				ECOSYS				
Caley, M.J. and Schluter, D. 1997. The Relationship between local and regional diversity. <i>Ecology</i> 78(1), 70-80.	1997	11	B				ECOSYS				
Colwell, R. K. & Lees, D. C. 2000 – The mid-domain effect: geometric constraints on the geography of species richness. <i>Trends in Ecology and Evolution</i> 15: 70-76.	2000	7	A				ECOSYS				
Fuller R.M., Groom G.B., Mugisha S., Ipulet P., Pomeroy D., Katende A., Bailey R., Ogutu-Ohwayo R., 1998 The integration of field survey and remote sensing for biodiversity assessment: a case study in the tropical forests and wetlands, <i>Biological Conservation</i> , 86, 379-391.	1998	13	B				ECOSYS				
Gaston K.J. 2000. Global patterns in biodiversity. <i>Nature</i> 405: 220-227.	2000	8	A				ECOSYS				
Gaston, K. J., Williams, P. H., Eggleton, P. J. & Humphries, C. J. 1995 – Large scale patterns of biodiversity: spatial variation in family richness. <i>Proceedings of the Royal Society, Biological Sciences</i> , 260: 149-154.	1995	6	A				ECOSYS				
Gustafson, E.J. and R.H. Gardner. 1996. The effect of landscape heterogeneity on the probability of patch colonization. <i>Ecology</i> 77(1):94-107.	1996	14	B				ECOSYS				
Hector A. et al. (40 autori). 1999. Plant diversity and productivity experiments in European Grasslands. <i>Science</i> 286:1123-1127.	1999	5	A				ECOSYS				
Keeling C.D., Whorf T.P., Wahlen	1995	5	A				ECOSYS				

M., van der Plicht J. 1995. Interannual extremes in the rate of rise of atmospheric carbon dioxide since 1980. <i>Nature</i> 375: 666-670.											
Lawton, J.H. , 1999. Are there general laws in ecology? <i>Oikos</i> 84:177-192.	1999	16	B				ECOSYS				
Lord, J.M. and D.A. Norton. 1990. Scale and the spatial concept of fragmentation. <i>Conservation Biology</i> 4(2):197-202.	1990	6	A				ECOSYS				
Mack E.L. , Firbank L.G., Bellamy P.E., Hinsley S.A., Veitch N., 1997 The comparison of remotely sensed and ground based habitat area data using species area models, <i>Journal of Applied Ecology</i> , 34, 1222-1228.	1997	7	A				ECOSYS				
Riitters K , O'Neill R, Jones B., 1997 Assessing habitat suitability at multiple scales: a landscape level approach, <i>Biological Conservation</i> , 81, 191-202.	1997	12	B				ECOSYS				
Riitters K , Wickam J., O'Neill R, Jones B., Smith E., 2000 Global Scale patterns of forest fragmentation, <i>Conservation Ecology</i> , 4(2).	2000	25	B				ECOSYS				
Roy. P.S. , Tomar S., 2000 Biodiversity characterization at landscape level using geospatial modelling technique, <i>Biological Conservation</i> , 95,95-109.	2000	15	B				ECOSYS				
Williams, P. H. & Gaston, K. J. 1998 – Biodiversity indicators: graphical techniques, smoothing and searching for what makes relationships work. <i>Ecography</i> , 21: 551-560.	1998	10	B				ECOSYS				

ECOLOGIA APPLICATA (CONSERVAZIONE E GESTIONE DELLE RISORSE BIOLOGICHE, DEPURAZIONE,....)

	ANNO	PP	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Caughley, G. 1994. Directions in conservation biology. <i>J. Anim. Ecol.</i> 63: 215-244.	1994	30	B					ECOAPP			
Costanza et al. 1997. The value of the World's ecosystem services and natural capital. <i>Nature</i> 387 :253-260	1997	8	A					ECOAPP			
Francour, P. , Harmelin, J.-G,	2001	34	B					ECOAPP			

Pollard, D., Sartoretto, S. 2001. A review of marine protected areas in the northwestern Mediterranean region: siting, usage, zonation and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> 11: 155–188.											
Hardin , G. 1968. The tragedy of the commons. <i>Science</i> 162 : 1243-1248.	1968	6	A					ECOAPP			
Lande , R. 1988. Genetics and Demography in Biological Conservation. <i>Science</i> 241 : 1455-1460	1988	6	A					ECOAPP			
Ludwig , D. R. Hilborn and C. Walters. 1993. Uncertainty, resource exploitation and conservation: Lesson from History. <i>Science</i> , 260:17-36.	1993	19	B					ECOAPP			
May, R.M. , J.H. Lawton & N.E. Stork. 1995. Assessing extinction rates. In: Extinction Rates. J.H. Lawton, R.M. May eds.) pp. 1-24. Oxford, New York.	1995	24	B					ECOAPP			
Simberloff , D.S. & E.O. Wilson. 1969. Experimental zoogeography of islands: The colonization of empty islands. <i>Ecology</i> 50 :278-296.	1969	19	B					ECOAPP			
Tilman , D., R.M. May, C.L. Lehman, & M.A. Nowak. 1994. Habitat destruction and the extinction debt. <i>Nature</i> 371 : 65-66.	1994	2	A					ECOAPP			
Vitousek , P.M., 1994. Beyond global warming: ecology and global change. <i>Ecology</i> 75 :1861-1876.	1994	16	B					ECOAPP			
Vitousek , P.M., H.A. Mooney, J. Lubchenco & J.M. Melillo 1997. Human Domination of Earth's Ecosystems. <i>Science</i> 277 : 494-499.	1997	6	A					ECOAPP			
Andreassen , H.P., S. Halle, and R. Ims. 1996. Optimal width of movement corridors for root voles: not too narrow and not too wide. <i>Journal of Applied Ecology</i> 33:63-70	1996	8	B					ECOAPP			
Andren , H. 1994. Effects of habitat fragmentation on birds and mammals in landscapes with different proportions of suitable habitats: a review. <i>Oikos</i> . 71:355-366	1994	12	B				ECOSYS	ECOAPP			
Bascompte , J. and R.V. Sole. 1996. Habitat fragmentation and extinction thresholds in spatially explicit	1996	9	B	POP				ECOAPP			

models. <i>Journal of Animal Ecology</i> 65(4):465-473.											
Beier , P. 1993. Determining minimum habitat areas and habitat corridors for cougars. <i>Conservation Biology</i> 7(1):94-108.	1993	15	B	POP					ECOAPP		
Callum M.R. 1997. Ecological advice for the global fisheries crisis. <i>TREE</i> 12: 35-38.	1997	4	A						ECOAPP		
Chapin , F.S. III, Zavaleta, E.S., Eviner, V.T., Naylor, R.L., Vitousek, P.M., Reynolds, H.L., Hooper, D.U., Lavorel, S., Sala, O.E., Hobbie, S.E., Mack, M.C. and Diaz, S., 2000. Consequences of changing biodiversity. <i>Nature</i> 405:234-242.	2000	9	A						ECOAPP		
Coblentz B.E. 1990. Exotic organisms: a dilemma for conservation biology. <i>Conservation Biology</i> 4: 261-265.	1990	5	A						ECOAPP		
Humphries , C. J., Williams, P. H. & Vane-Wright, R. I. 1995 Measuring biodiversity value for conservation. <i>Annual Reviews of Ecology and Systematics</i> , 26: 93-111.	1995	19	B						ECOAPP		
Lodge D.M. 1993. Biological invasions: lessons for ecology. <i>TREE</i> 8:133-137.	1993	5	A	POP					ECOAPP		
May R. M. 1995 – The cheetah controversy. <i>Nature</i> 374 :309-310.	1995	2	A						ECOAPP		
Muller F., Hoffman – Kroll R., Wiggering H., 2000 Indicating ecosystem integrity- theoretical concepts and environmental requirements, <i>Ecological Modelling</i> , 130, 13-23.	2000	11	B						ECOAPP		
Pressey , R. L., Possingham, H. P., Logan, V. S., Day, J. R. & Williams, P. H. 1999 – Effects of data characteristics on the results of reserve selection algorithms. <i>Journal of Biogeography</i> 26: 179-191.	1999	13	B						ECOAPP		
Seston W.T., Dull C.W. , Szaro R.C. , 1998 Implementing ecosystem management: a framework for remotely sensed information at multiple scales, <i>Landscape and Urban Planning</i> ,40, 173-184.	1998	12	B						ECOAPP		
Veitch N., Webb N.R., Wyatt B.K.,	1995	7	A						ECOAPP		

1995 The application of geographic information systems and remotely sensed data to the conservation of heathland fragments, <i>Biological Conservation</i> , 72, 91-97.											
Williams , P. H., Gaston, K. J. & Humphries, C. J. 1997 Mapping biodiversity value world-wide: combining higher-taxon richness from different groups. <i>Proceedings of the Royal Society, Biological Sciences</i> , 264: 141-148.	1997	8	A				ECOSYS	ECOAPP			
With , K.A. 1996. The application of neutral landscape models in conservation biology. <i>Conservation Biology</i> 11(5):1069-1080.	1996	12	B				ECOSYS	ECOAPP			
Bragazza L., C. Freeman, T. Jones, H. Rydin, J. Limpens, N. Fenner, T. Ellis, R. Gerdol, M. Hájek, T. Hájek, P. Iacumin, L. Kutnar, T. Tahvanainen & H. Toberman, 2006: Atmospheric nitrogen deposition promotes carbon loss from peat bogs. <i>Proceedings of the National Academy of Sciences of the USA (PNAS)</i> 51 (103): 19386-19389.	2006	4	A								
F. Magnani, M. Mencuccini, M. Borghetti, P. Berbigier, F. Berninger, S. Delzon, A. Grelle, P. Hari, P. G. Jarvis, P. Kolari, A. S. Kowalski, H. Lankreijer, B. E. Law, A. Lindroth, D. Loustau, G. Manca, J. B. Moncrieff, M. Rayment, V. Tedeschi, R. Valentini & J. Grace, 2007. The human footprint in the carbon cycle of temperate and boreal forests. <i>Nature</i> 447, 849-851.	2007	3	A								

ECOLOGIA MARINA E DELLE ACQUE INTERNE

	ANNO	PP	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Vollenweider , R.A. and J.J. Kerekes. 1980. Background and summary results of the OECD Cooperative Program on eutrophication. In: <i>Restoration of lakes and inland waters. International Symposium on Inland Waters and Lake Restoration. Sept. 8-12, 1980, Portland, Maine.</i>	1980		B					ECOAPP		Fresh Water	

U.S. EPA, Washington D.C. EPA 440/5-81-010.											
Anderson , N.J. 1993. Natural versus anthropogenic change in lakes: The role of the sediment record. <i>Trend Ecol. Evol.</i> , 8: 356-361	1993	6	B							Fresh Water	
Azam F, Fenchel T, Field JG, Gray JS, Meyer-Reil LA and Thingstad F (1983) The ecological role of water-column microbes in the sea. <i>Mar Ecol Prog Ser</i> 10: 257-263.	1983	7	A							Fresh Water	
Battarbee , R.W. 2000. Palaeolimnological approaches to climate change, with special regard to the biological record. <i>Quaternary Science Reviews</i> . 19 : 107-124.	2000	18	B							Fresh Water	
Boero F., G.Belmonte, G.Fanelli, S.Piraino, F.Rubino, 1996. Continuity of living matter and the discontinuities of its constituents: do plankton and benthos really exist? <i>TREE</i> , 11: 177-180.	1996	4	A								Marine Ecology
Briand , F., and McCauley 1978. Cybernetic mechanisms in lake plankton system: how to control undesirable algae. <i>Nature</i> 273: 228-230	1978	3	A							Fresh Water	
Carpenter , S.R., Kitchell, J.F., and Hodgson, J.R. 1985. Cascading trophic interactions and lake productivity. <i>BioScience</i> 35 : 634-639 (sez. Ecosistemi)	1985	6	A			COM				Fresh Water	
Dauvin J.C., Gentil F. 1989. Long-term changes in populations of subtidal bivalves (<i>Abra alba</i> and <i>A. prismatica</i>) from Bay of Morlaix (Western English Channel). <i>Marine Biology</i> 103: 63-73.	1989	11	B	POP							Marine Ecology
De Stasio B.T. Jr. 1989. The seed bank of a freshwater crustacean: copepodology for the plant ecologist. <i>Ecology</i> , 70: 1377-1389.	1989	13	B	POP						Fresh Water	
Frey , D.G. 1988. What is paleolimnology? <i>J. Paleolimn.</i> , 1: 5-8.	1988	4	A							Fresh Water	
Johnson T.C., Scholz C.A., Talbot M.R., Kelts K., Ricketts R.D., Ngobi G., Beuning K., Ssemmanda I., McGill J.W. 1996. Late Pleistocene desiccation of Lake Victoria and rapid evolution of cichlid fishes. <i>Science</i> : 273: 1091-1093.	1996	3	A							Fresh Water	
Jokela J., Lively C.L. 1995. Parasites, sex and early reproduction	1995	4	A	POP					EVOL	Fresh Water	

in a mixed population of freshwater snail. <i>Evolution</i> 49: 1268-1271.											
Meyer A., Kocher T.D., Basasibwaki P., Wilson A.C. 1990. Monophyletic origin of Lake Victoria cichlid fishes suggested by mitochondrial DNA sequences. <i>Nature</i> 347: 550-553.	1990	4	A							Fresh Water	
Pieper, R. E., D. V. Holliday, and G. S. Kleppel, Quantitative zooplankton distributions from multifrequency acoustics, <i>J. Plank. Res.</i> , 12, 433-441, 1990.	1990	9	B							Fresh Water	
Pomeroy L.R. 1974. The ocean's food web a changing paradigm. <i>BioScience</i> . 24 (9): 499-504.	1974	6	A			COM					Marine Ecology
Siegel, D.A., 1998. Resource competition in a discrete environment: why are plankton distributions paradoxical? <i>Limnol. Oceanogr.</i> 43:1133-1146.	1998	14	B		INTER					Aquatic	Aquatic
Smol, J.P. 1990 a. Are we building enough bridges between paleolimnology and aquatic ecology? <i>Hydrobiologia</i> , 214: 201-206.	1990	6	A							Fresh Water	
Sommaruga-Woegrath S., Koinig K.A., Schmidt R., Sommaruga R., Tessadri R., Psenner R. 1997. Temperature effects on the acidity of remote alpine lakes. <i>Nature</i> 387: 64-67.	1997	4	A							Fresh Water	
Sousa, W.P., 1979. Disturbance in marine intertidal boulder fields: the nonequilibrium maintenance of species diversity. <i>Ecology</i> 60:1225-1239.	1979	15	B				ECOSYS				Marine Ecology
Stockner, J. G. & Antia, N. J. 1986. Algal picoplankton from marine and freshwater: a multidisciplinary perspective. <i>Can. J. Fish. Aquat. Sci.</i> 43: 2472-2503.	1986	34	B							Fresh Water	Marine Ecology
Stone, L., and Weisburd, R.S.J. 1992. Positive feedback in aquatic ecosystems. <i>TREE</i> 7(8): 263-267 (sez. Ecosistema e Paesaggio).	1992	5	A				ECOSYS			Fresh Water	Marine Ecology
Wetzel, R.G. and H. Corners. 1968. Dissolved organic matter and phytoplanktonic productivity in marl lakes. <i>Mitt. Internat. Verein. Limnol.</i> , 14: 261-270.	1968	10	B							Fresh Water	
DeLong EF and Karl DM 2005 Genomic perspectives in microbial oceanography. <i>Insight review Nature</i> 437: 336-342.	2005	7	B								

Giovannoni SJ and Stingl U 2005 Molecular diversity and ecology of microbial plankton . Insight review Nature 437: 343-348.	2005	6	A								
Arrigo KR 2005 Marine microorganisms and globak nutrient cycles. Insight review Nature 437: 249-355.	2005	7	B								
Suttle CA 2005 Viruses in the sea. Insight review Nature 437: 356-361.	2005	6	B								
Harris, G.P. 1994. Pattern, process and prediction in aquatic ecology – A limnological view of some general ecological problems. <i>Freshwat. Biol.</i> , 32: 143-160.	1994	18	B							Fresh Water	
Peters, R.H. 1976. Tautology in Evolution and Ecology. <i>Am. Nat.</i> , 110: 1-12.	1976	13	B							Fresh Water	
Peters, R.H. 1986. The role of prediction in limnology. <i>Limnol. Oceanogr.</i> , 31: 1143-1159.	1986	17	B							Fresh Water	
Peters, R.H.. 1992. Lessons from the size efficiency hypothesis. 2. The mire of complexity. <i>Hydrobiologia</i> , 235: 435-455.	1992	21	B							Fresh Water	
Reynolds, C.S. 1994. The ecological basis for the succesful biomanipulation of aquatic communities. <i>Arch. Hydrobiol.</i> , 130: 1-33.	1994	34	B							Fresh Water	
Reynolds, C.S. 1998. The state of freshwater ecology. <i>Freshwat Biol.</i> , 39: 741-753.	1998	13	B							Fresh Water	
Reynolds, C.S. 1999. Non- determinism to Probability, or N : P in the community ecology of phytoplankton. <i>Arch. Hydrobiol.</i> ,146: 23-35.	1999	13	B							Fresh Water	
Sommer, U., J. Padisak, C.S. Reynolds, P. Juhasznagy. 1993. Hutchinson heritage – The diversity- disturbance relationship in phytoplankton. <i>Hydrobiologia</i> , 249:	1993	8	B							Fresh Water	

1-7.												
J. Cole, N. Caraco, G.W. Kling, T.K.Kratz, 1994. Carbon dioxide supersaturation in the surface waters of lakes. <i>Science</i> , 265:1568-1570.	1994	3	A									
Kling G.W., G.E. Wipphut and M. Miller, 1992. The flux of CO ₂ and CH ₄ from lakes and rivers in arctic Alaska. <i>Hydrobiologia</i> 240: 23-36.	1992	14	B									
Sand-Jensen K., T. Binzer and A.L. Middelboe, 2007. Scaling of photosynthetic production of aquatic macrophytes-a review. <i>Oikos</i> 116:280-294.	2007	15	B									
Stevenson, J.C., 1998. Comparative ecology of submersed grass beds in freshwater, estuarine and marine environments. <i>Limnol. Oceanogr.</i> , 33: 867-893.	1998	27	B									
Cowan, J.L.W. and W. Boynton, 1996. Sediment-water oxygen and nutrient exchanges along the longitudinal axis of Chesapeake Bay: seasonal patterns, controlling factors and ecological significance. <i>Estuaries</i> , 19:562-580	1996	19	B									

GENETICA DI POPOLAZIONI

	ANNO	PP	LISTA	POP	INTER-ACTION	COMM	ECO-SYS	ECO-APP	GENET & EVOL	Fresh Water	Marine Ecology
Levins, R. 1969. Some demographic and genetic consequences of environmental heterogeneity for biological control. <i>Bulletin of the Entomological Society of America</i> 15:237-240.	1969	4	A	POP				ECOAPP	GENET		
Allen, P.J., Amos, W., Pomeroy, P.P., and Twiss, S.D. 1995. Microsatellite variation in grey seals (<i>Halichoerus grypus</i>) shows evidence of genetic differentiation between two British breeding colonies. <i>Mol. Ecol.</i> 4: 653-662.	1995	10	B						GENET		
Bucklin, A., and P. H. Wiebe, Genetic heterogeneity in euphausiid populations: <i>Euphausia krohnii</i> and <i>Nematocelis megalops</i> in the North Atlantic Slope Water, <i>Limnol.</i>	1986	7	B						GENET		

Molecular transfer of a species-species behavior from <i>Drosophila simulans</i> to <i>Drosophila melanogaster</i> . Science 251: 1082-1085.											
Bohannan BJM and Lenski RE 2000 Linking genetic change to community evolution: insights from studies of bacteria and bacteriophage. Ecology letters 3: 362-377. (pdf)	2000	16	B								
Jessup et al 2004 Big questions, small worlds: microbial model systems in ecology. Review Trends in Ecology and Evolution (pdf)	2004	?	B								
Perntaler J 2005 Predation on prokariots in the water column and its ecological implications. Nature Reviews Microbiology (pdf)	2005	?	B								