

# Søren Toft

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3755057/publications.pdf>

Version: 2024-02-01

131  
papers

5,019  
citations

87888

38  
h-index

106344

65  
g-index

132  
all docs

132  
docs citations

132  
times ranked

3394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intralocus sexual conflict over optimal nutrient intake and the evolution of sex differences in life span and reproduction. <i>Functional Ecology</i> , 2022, 36, 865-881.	3.6	5
2	Sperm competition intensity affects sperm precedence patterns in a polyandrous gift-giving spider. <i>Molecular Ecology</i> , 2022, 31, 2435-2452.	3.9	7
3	Macronutrient niches and field limitation in a woodland assemblage of harvestmen. <i>Journal of Animal Ecology</i> , 2022, 91, 593-603.	2.8	2
4	Contrasting patterns of food and macronutrient limitation in the field among coexisting omnivorous carnivores. <i>Ecological Entomology</i> , 2021, 46, 898-909.	2.2	3
5	Survival and predation rate of wild-caught and commercially produced <i>Orius majusculus</i> (Reuter) (Hemiptera: Anthicoridae). <i>Bulletin of Entomological Research</i> , 2021, , 1-7.	1.0	0
6	Exponential distribution of velocities and power distribution of quiescent periods in the spontaneous movement patterns of three hunting spiders. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 806-816.	1.6	1
7	Food limitation and starvation independently affect predator macronutrient selection. <i>Biology Letters</i> , 2021, 17, 20210095.	2.3	3
8	Prey acceptance and metabolic specialisations in some Canarian <i>Dysdera</i> spiders. <i>Journal of Insect Physiology</i> , 2021, 131, 104227.	2.0	5
9	Geometric Stoichiometry: Unifying Concepts of Animal Nutrition to Understand How Protein-Rich Diets Can Be "Too Much of a Good Thing". <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	17
10	Habitat specialist spiders in coastal dunes benefit from eradication of the invasive shrub <i>Rosa rugosa</i> . <i>Journal of Insect Conservation</i> , 2020, 24, 993-1003.	1.4	2
11	Fly disturbance suppresses aphid population growth. <i>Ecological Entomology</i> , 2020, 45, 901-903.	2.2	3
12	Food quality of <i>Ephestia</i> eggs, the aphid <i>Rhopalosiphum padi</i> and mixed diet for <i>Orius majusculus</i> . <i>Journal of Applied Entomology</i> , 2020, 144, 251-262.	1.8	7
13	The three-dimensional macronutrient niche of an invasive generalist predator. <i>Ecological Entomology</i> , 2020, 45, 644-651.	2.2	6
14	Prey-specific experience affects prey preference and time to kill in the soil predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2019, 139, 104076.	3.0	4
15	Sperm competition tactics shape paternity: adaptive role of extremely long copulations in a wolf spider. <i>Animal Behaviour</i> , 2019, 156, 121-128.	1.9	6
16	Development, growth and metabolic rate of <i>Hermetia illucens</i> larvae. <i>Journal of Applied Entomology</i> , 2019, 143, 875-881.	1.8	28
17	Food and specific macronutrient limitation in an assemblage of predatory beetles. <i>Oikos</i> , 2019, 128, 1467-1477.	2.7	11
18	Maintenance of deceptive gifts in a natural spider population: ecological and demographic factors. <i>Behavioral Ecology</i> , 2019, 30, 993-1000.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Interactive effects of temperature and time on cold tolerance and spring predation in overwintering soil predatory mites ( <i>Gaeolaelaps aculeifer</i> Canestrini). <i>Biological Control</i> , 2019, 132, 169-176.	3.0	5
20	Prey-specific impact of cold pre-exposure on kill rate and reproduction. <i>Journal of Animal Ecology</i> , 2019, 88, 258-268.	2.8	5
21	The egg sac of <i>Benoitja lepida</i> (Araneae: Agelenidae): structure, placement and the function of its layers. <i>Journal of Arachnology</i> , 2018, 46, 35-39.	0.5	7
22	Transportation Infrastructures and Arthropod Dispersal: Are Harvestmen (Opiliones) Hitchhiking to Northern Europe?. <i>Journal of Ethnobiology</i> , 2018, 38, 55-70.	2.1	8
23	Development, metabolism and nutrient composition of black soldier fly larvae ( <i>Hermetia illucens</i> ); Tj ETQq1 1 0.784314 rgBT /Overlo 4, 123-133.	3.9	38
24	Increased lipid accumulation but not reduced metabolism explains improved starvation tolerance in cold-acclimated arthropod predators. <i>Die Naturwissenschaften</i> , 2018, 105, 65.	1.6	6
25	Are commercial stocks of biological control agents genetically depauperate? A case study on the pirate bug <i>Orius majusculus</i> Reuter. <i>Biological Control</i> , 2018, 127, 31-38.	3.0	16
26	Spontaneous movement behaviour in spiders (Araneae) with different hunting strategies. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 184-193.	1.6	5
27	Ups and Downs among Danish Urban Harvestmen. <i>Arachnology</i> , 2018, 17, 394-398.	0.4	5
28	Genotype-by-sex-by-diet interactions for nutritional preference, dietary consumption, and lipid deposition in a field cricket. <i>Heredity</i> , 2018, 121, 361-373.	2.6	5
29	Persistence of a sugar-rejecting cockroach genotype under various dietary regimes. <i>Scientific Reports</i> , 2017, 7, 46361.	3.3	5
30	Metabolic adaptations for isopod specialization in three species of <i>Dysdera</i> spiders from the Canary Islands. <i>Physiological Entomology</i> , 2017, 42, 191-198.	1.5	10
31	Cold acclimation reduces predation rate and reproduction but increases cold- and starvation tolerance in the predatory mite <i>Gaeolaelaps aculeifer</i> Canestrini. <i>Biological Control</i> , 2017, 114, 150-157.	3.0	23
32	Negative effects of low developmental temperatures on aphid predation by <i>Orius majusculus</i> (Heteroptera: Anthocoridae). <i>Biological Control</i> , 2017, 114, 59-64.	3.0	15
33	Little evidence for intralocus sexual conflict over the optimal intake of nutrients for life span and reproduction in the black field cricket <i>Teleogryllus commodus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2159-2177.	2.3	22
34	Diet-dependent heat emission reveals costs of post-diapause recovery from different nutritional sources in a carnivorous beetle. <i>Die Naturwissenschaften</i> , 2017, 104, 58.	1.6	5
35	Change in sex pheromone expression by nutritional shift in male cockroaches. <i>Behavioral Ecology</i> , 2017, 28, 1393-1401.	2.2	11
36	Mutual benefit from exploitation of female foraging motivation may account for the early evolution of gifts in spiders. <i>Animal Behaviour</i> , 2017, 129, 9-14.	1.9	6

#	ARTICLE	IF	CITATIONS
37	Dietary choice for a balanced nutrient intake increases the mean and reduces the variance in the reproductive performance of male and female cockroaches. <i>Ecology and Evolution</i> , 2016, 6, 4711-4730.	1.9	39
38	Spider web and silk performance landscapes across nutrient space. <i>Scientific Reports</i> , 2016, 6, 26383.	3.3	19
39	Macronutrient balance mediates the growth of sexually selected weapons but not genitalia in male broad-horned beetles. <i>Functional Ecology</i> , 2016, 30, 769-779.	3.6	30
40	The shield effect: nuptial gifts protect males against pre-copulatory sexual cannibalism. <i>Biology Letters</i> , 2016, 12, 20151082.	2.3	27
41	Balancing of lipid, protein, and carbohydrate intake in a predatory beetle following hibernation, and consequences for lipid restoration. <i>Journal of Insect Physiology</i> , 2016, 88, 1-9.	2.0	14
42	Insecticide resistance and nutrition interactively shape life-history parameters in German cockroaches. <i>Scientific Reports</i> , 2016, 6, 28731.	3.3	21
43	Effects of foraging distance on macronutrient balancing and performance in the German cockroach, <i>Blattella germanica</i> . <i>Journal of Experimental Biology</i> , 2016, 220, 304-311.	1.7	4
44	Sex-specific effects of protein and carbohydrate intake on reproduction but not lifespan in <i>Drosophila melanogaster</i> . <i>Aging Cell</i> , 2015, 14, 605-615.	6.7	187
45	Can differential nutrient extraction explain property variations in a predatory trap?. <i>Royal Society Open Science</i> , 2015, 2, 140479.	2.4	11
46	Protein and carbohydrate intake influence sperm number and fertility in male cockroaches, but not sperm viability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142144.	2.6	72
47	Optimal numbers of matings: the conditional balance between benefits and costs of mating for females of a nuptial gift-giving spider. <i>Journal of Evolutionary Biology</i> , 2015, 28, 457-467.	1.7	43
48	Impact of invasive <i>Rosa rugosa</i> on the arthropod fauna of Danish yellow dunes. <i>Biological Invasions</i> , 2015, 17, 3289-3302.	2.4	11
49	Trophic specialisation in a predatory group: the case of prey-specialised spiders (Araneae). <i>Biological Reviews</i> , 2015, 90, 744-761.	10.4	117
50	Nutrient-specific compensatory feeding in a mammalian carnivore, the mink, <i>Neovison vison</i> . <i>British Journal of Nutrition</i> , 2014, 112, 1226-1233.	2.3	19
51	Cold-acclimation increases the predatory efficiency of the aphidophagous coccinellid <i>Adalia bipunctata</i> . <i>Biological Control</i> , 2013, 65, 87-94.	3.0	21
52	Balancing of specific nutrients and subsequent growth and body composition in the slug <i>Arion lusitanicus</i> . <i>Physiology and Behavior</i> , 2013, 122, 84-92.	2.1	16
53	Nutritional Aspects of Spider Feeding. , 2013, , 373-384.		18
54	Optimal foraging for specific nutrients in predatory beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2212-2218.	2.6	176

#	ARTICLE	IF	CITATIONS
55	Female spiders ignore condition-dependent information from nuptial gift wrapping when choosing mates. <i>Animal Behaviour</i> , 2012, 84, 907-912.	1.9	27
56	Parasitoid suppression and life-history modifications in a wolf spider following infection by larvae of an acrocerid fly. <i>Journal of Arachnology</i> , 2012, 40, 13-17.	0.5	7
57	Dome-shaped functional response induced by nutrient imbalance of the prey. <i>Biology Letters</i> , 2011, 7, 517-520.	2.3	35
58	Nutrient regulation in a predator, the wolf spider <i>Pardosa prativaga</i> . <i>Animal Behaviour</i> , 2011, 81, 993-999.	1.9	75
59	Prey nutrient composition has different effects on <i>Pardosa</i> wolf spiders with dissimilar life histories. <i>Oecologia</i> , 2011, 165, 577-583.	2.0	31
60	Mating duration and sperm precedence in the spider <i>Linyphia triangularis</i> . <i>Journal of Ethology</i> , 2011, 29, 143-152.	0.8	12
61	Condition dependence of male nuptial gift construction in the spider <i>Pisaura mirabilis</i> (Pisauridae). <i>Journal of Ethology</i> , 2011, 29, 473-479.	0.8	35
62	Maternal nutrition affects offspring performance via maternal care in a subsocial spider. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1191-1202.	1.4	20
63	Worthless donations: male deception and female counter play in a nuptial gift-giving spider. <i>BMC Evolutionary Biology</i> , 2011, 11, 329.	3.2	56
64	Weak responses to dietary enrichment in a specialized aphid predator. <i>Physiological Entomology</i> , 2011, 36, 360-367.	1.5	3
65	Protein and carbohydrate composition of larval food affects tolerance to thermal stress and desiccation in adult <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 336-340.	2.0	138
66	Metabolic consequences of feeding and fasting on nutritionally different diets in the wolf spider <i>Pardosa prativaga</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 1095-1100.	2.0	57
67	Intraspecific variation in prey quality: a comparison of nutrient presence in prey and nutrient extraction by predators. <i>Oikos</i> , 2010, 119, 350-358.	2.7	37
68	A specialized araneophagic predator's short-term nutrient utilization depends on the macronutrient content of prey rather than on prey taxonomic affiliation. <i>Physiological Entomology</i> , 2010, 35, 317-327.	1.5	26
69	The advantage of starving: success in cannibalistic encounters among wolf spiders. <i>Behavioral Ecology</i> , 2010, 21, 1112-1117.	2.2	37
70	A method of obtaining dietary data for slow worms ( <i>Anguis fragilis</i> ) by means of non-harmful cooling and results from a Danish population. <i>Journal of Natural History</i> , 2009, 43, 1011-1025.	0.5	2
71	Nutritional enrichment increases courtship intensity and improves mating success in male spiders. <i>Behavioral Ecology</i> , 2009, 20, 700-708.	2.2	34
72	Nutrient balance affects foraging behaviour of a trap-building predator. <i>Biology Letters</i> , 2009, 5, 735-738.	2.3	39

#	ARTICLE	IF	CITATIONS
73	Climate change and sexual size dimorphism in an Arctic spider. <i>Biology Letters</i> , 2009, 5, 542-544.	2.3	62
74	Balancing of protein and lipid intake by a mammalian carnivore, the mink, <i>Mustela vison</i> . <i>Animal Behaviour</i> , 2009, 77, 349-355.	1.9	101
75	Can ant-eating spiders ( <i>Zodariidae</i> ) develop on a diet optimal for euryphagous arthropod predators?. <i>Physiological Entomology</i> , 2009, 34, 195-201.	1.5	32
76	Dietary and prey-capture adaptations by which <i>Zodariidae</i> spiders ( <i>Zodariidae</i> ) develop on a diet optimal for euryphagous arthropod predators?. <i>Physiological Entomology</i> , 2009, 34, 195-201.	1.8	43
77	Why Do Males of the Spider <i>Pisaura mirabilis</i> Wrap Their Nuptial Gifts in Silk: Female Preference or Male Control?. <i>Ethology</i> , 2008, 114, 775-781.	1.1	41
78	Prey Preference and Consumption by Some Non-Specialist Harvestman Species ( <i>Arachnida: Opiliones</i> ). <i>Arachnology</i> , 2008, 14, 198-205.	0.4	3
79	Thanatosis as an adaptive male mating strategy in the nuptial gift-giving spider <i>Pisaura mirabilis</i> . <i>Behavioral Ecology</i> , 2008, 19, 546-551.	2.2	43
80	Temperature and prey capture: opposite relationships in two predator taxa. <i>Ecological Entomology</i> , 2008, 33, 305-312.	2.2	59
81	Nuptial gifts of male spiders: sensory exploitation of the female's maternal care instinct or foraging motivation?. <i>Animal Behaviour</i> , 2007, 73, 267-273.	1.9	67
82	Death feigning in the face of sexual cannibalism. <i>Biology Letters</i> , 2006, 2, 23-25.	2.3	81
83	Nutritional value of cannibalism and the role of starvation and nutrient imbalance for cannibalistic tendencies in a generalist predator. <i>Journal of Animal Ecology</i> , 2006, 75, 288-297.	2.8	80
84	Effects of maternal diet quality on offspring performance in the rove beetle <i>Tachyporus hypnorum</i> . <i>Ecological Entomology</i> , 2006, 31, 322-330.	2.2	42
85	Food preferences and the value of animal food for the carabid beetle <i>Amara similata</i> (Gyll.) (Col.). <i>Journal of Animal Ecology</i> , 2006, 75, 288-297.	1.8	44
86	EFFECTS OF PREY QUALITY ON THE LIFE HISTORY OF A HARVESTMAN. <i>Journal of Arachnology</i> , 2005, 33, 582-590.	0.5	9
87	Nutrient-Specific Foraging in Invertebrate Predators. <i>Science</i> , 2005, 307, 111-113.	12.6	396
88	The quality of aphids as food for generalist predators: implications for natural control of aphids. <i>European Journal of Entomology</i> , 2005, 102, 371-383.	1.2	75
89	Quality of two aphid species ( <i>Rhopalosiphum padi</i> and <i>Sitobion avenae</i> ) as food for the generalist predator <i>Tachyporus hypnorum</i> (Col., Staphylinidae). <i>Journal of Applied Entomology</i> , 2004, 128, 658-663.	1.8	12
90	Microcosm studies on control of aphids by generalist arthropod predators: Effects of alternative prey. <i>BioControl</i> , 2004, 49, 483-504.	2.0	50

#	ARTICLE	IF	CITATIONS
91	Effects of chronic exposure to a toxic prey in a generalist predator. <i>Physiological Entomology</i> , 2004, 29, 129-138.	1.5	16
92	Effects of prey quality and availability on the life history of a trap-building predator. <i>Oikos</i> , 2003, 101, 631-638.	2.7	62
93	Compensatory growth following early nutritional stress in the Wolf Spider <i>Pardosa prativaga</i> . <i>Functional Ecology</i> , 2003, 17, 737-746.	3.6	48
94	SPATIAL STRATIFICATION IN LITTER DEPTH BY FOREST-FLOOR SPIDERS. <i>Journal of Arachnology</i> , 2003, 31, 28-39.	0.5	48
95	A TEST FOR REPRODUCTIVE SEPARATION OF ALTERNATE GENERATIONS IN A BIENNIAL SPIDER, <i>ARANEUS DIADEMATUS</i> (ARANEAE, ARANEIDAE). <i>Journal of Arachnology</i> , 2002, 30, 65.	0.5	5
96	Effects of hunger level and nutrient balance on survival and acetylcholinesterase activity of dimethoate exposed wolf spiders. <i>Entomologia Experimentalis Et Applicata</i> , 2002, 103, 197-204.	1.4	13
97	The influence of mixed aphid diets on larval performance of <i>Coccinella septempunctata</i> (Col.), Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	29
98	Diet-Dependent Survival, Development and Fecundity of the Spider <i>Atypena formosana</i> (Oi) (Araneae:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	23
99	Nutrient composition of the prey's diet affects growth and survivorship of a generalist predator. <i>Oecologia</i> , 2001, 127, 207-213.	2.0	162
100	Diet-dependent fecundity of the spiders <i>Atypena formosana</i> and <i>Pardosa pseudoannulata</i> , predators in irrigated rice. <i>Agricultural and Forest Entomology</i> , 2001, 3, 285-295.	1.3	6
101	The value of three cereal aphid species as food for a generalist predator. <i>Physiological Entomology</i> , 2001, 26, 58-68.	1.5	7
102	Importance of insect prey quality for grey partridge chicks <i>Perdix perdix</i> : a self-selection experiment. <i>Journal of Applied Ecology</i> , 2000, 37, 557-563.	4.0	33
103	Artificial selection for aphid tolerance in the polyphagous predator <i>Lepthyphantes tenuis</i> . <i>Journal of Applied Ecology</i> , 2000, 37, 547-556.	4.0	21
104	The value of Collembola from agricultural soils as food for a generalist predator. <i>Journal of Applied Ecology</i> , 2000, 37, 672-683.	4.0	111
105	Activities of Glutathione S-Transferase and Glutathione Peroxidases Related to Diet Quality in an Aphid Predator, the Seven-spot Ladybird, <i>Coccinella septempunctata</i> L. (Coleoptera: Coccinellidae). <i>ATLA Alternatives To Laboratory Animals</i> , 2000, 28, 445-449.	1.0	6
106	A TWENTY-YEAR COMPARISON OF EPIGEIC SPIDER COMMUNITIES (ARANEAE) OF DANISH COASTAL HEATH HABITATS. <i>Journal of Arachnology</i> , 2000, 28, 90-96.	0.5	8
107	Activities of Glutathione S-Transferase and Glutathione Peroxidases Related to Diet Quality in an		

#	ARTICLE	IF	CITATIONS
109	The value of two Collembola species as food for a linyphiid spider. <i>Entomologia Experimentalis Et Applicata</i> , 1999, 92, 29-36.	1.4	57
110	The aggregative numerical response of polyphagous predators to aphids in cereal fields: attraction to what?. <i>Annals of Applied Biology</i> , 1999, 134, 265-270.	2.5	24
111	Title is missing!. <i>Journal of Insect Behavior</i> , 1999, 12, 433-450.	0.7	25
112	Factors influencing cannibalism in the wolf spider <i>Pardosa agrestis</i> (Araneae, Lycosidae). <i>Behavioral Ecology and Sociobiology</i> , 1999, 45, 349-354.	1.4	84
113	Self-Injection of a Dipteran Parasitoid into a Spider. <i>Die Naturwissenschaften</i> , 1999, 86, 530-532.	1.6	12
114	Growth, development, and survival of a generalist predator fed single- and mixed-species diets of different quality. <i>Oecologia</i> , 1999, 119, 191-197.	2.0	177
115	Behavioral and ecophysiological responses of a generalist predator to single- and mixed-species diets of different quality. <i>Oecologia</i> , 1999, 119, 198-207.	2.0	65
116	No negative sublethal effects of two insecticides on prey capture and development of a spider. <i>Pest Management Science</i> , 1998, 52, 223-228.	0.4	31
117	Quantifying food limitation of arthropod predators in the field. <i>Oecologia</i> , 1998, 115, 54-58.	2.0	97
118	The influence of three cereal aphid species and mixed diet on larval survival, development and adult weight of <i>Coccinella septempunctata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1998, 89, 319-322.	1.4	47
119	Responses of GlutathioneS-transferase and Glutathione Peroxidases to Feeding Rate of a Wolf Spider <i>Pardosa prativaga</i> . <i>ATLA Alternatives To Laboratory Animals</i> , 1998, 26, 399-403.	1.0	0
120	Responses of Glutathione S-transferase and Glutathione Peroxidases to Feeding Rate of a Wolf Spider <i>Pardosa prativaga</i> . <i>ATLA Alternatives To Laboratory Animals</i> , 1998, 26, 399-403.	1.0	2
121	Nitrification and denitrification in the rhizosphere of the aquatic macrophyte <i>Lobelia dortmanna</i> L.. <i>Limnology and Oceanography</i> , 1997, 42, 529-537.	3.1	148
122	Limited PrÃ©dation Capacity by Generalist Arthropod Predators on the Cereal Aphid, <i>Rhopalosiphum padi</i> . <i>Biological Agriculture and Horticulture</i> , 1997, 15, 142-150.	1.0	15
123	Role of granivory and insectivory in the life cycle of the carabid beetle <i>Amara similata</i> . <i>Ecological Entomology</i> , 1997, 22, 7-15.	2.2	96
124	Consumption by carabid beetles of three cereal aphid species relative to other prey types. <i>Entomophaga</i> , 1997, 42, 21-32.	0.2	32
125	Acquired food aversion of a wolf spider to three cereal aphids: Intra- and interspecific effects. <i>Entomophaga</i> , 1997, 42, 63-69.	0.2	38
126	Detoxification Strategies of Two Types of Spiders Revealed by Cypermethrin Application. <i>ATLA Alternatives To Laboratory Animals</i> , 1997, 25, 255-261.	1.0	4



#	ARTICLE	IF	CITATIONS
127	Prey preference and egg production of the carabid beetle <i>Agonum dorsale</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1994, 73, 151-156.	1.4	63
128	Branched long chain alkyl methyl ethers: a new class of lipids from spider silk. <i>Tetrahedron</i> , 1993, 49, 6805-6820.	1.9	34
129	Identification of a Sex Pheromone from a Spider. <i>Science</i> , 1993, 260, 1635-1637.	12.6	130
130	Denitrification, Dissimilatory Reduction of Nitrate to Ammonium, and Nitrification in a Bioturbated Estuarine Sediment as Measured with <sup>15</sup> N and Microsensor Techniques. <i>Applied and Environmental Microbiology</i> , 1992, 58, 303-313.	3.1	137
131	Microhabitat identity of two species of sheet-web spiders: field experimental demonstration. <i>Oecologia</i> , 1987, 72, 216-220.	2.0	18