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- Gilpin LC, Priddle J, Whitehouse MJ, Savidge G, Atkinson A (2002) Primary production and carbon uptake dynamics in the vicinity of South Georgia—balancing carbon fixation and removal. 242:51–62
- Giménez L, Anger K (2003) Larval performance in an estuarine crab, *Chasmagnathus granulata*, is a consequence of both larval and embryonic experience. 249:251–264
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- Gooday AJ, Pond DW, Bowser SS (2002) Ecology and nutrition of the large agglutinated foraminiferan *Bathysiphon capillare* in the bathyal NE Atlantic: distribution within the sediment profile and lipid biomarker composition. 245:69–82
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- Gowing MM, Riggs BE, Garrison DL, Gibson AH, Jeffries MO (2002) Large viruses in Ross Sea late autumn pack ice habitats. 241:1–11
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- Hatase H, Goto K, Sato K, Bando T, Matsuzawa Y, Sakamoto W (2002) Using annual body size fluctuations to explore potential causes for the decline in a nesting population of the loggerhead turtle *Caretta caretta* at Senri Beach, Japan. 245:299–304
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- Stoeck T, Kröncke I, Duineveld GCA, Palojarvi A (2002) Phospholipid fatty acid profiles at depositional and non-depositional sites in the North Sea. 241:57–70
- Stoecker DK, see Anderson JT et al. (2003) 246:95–104
- Stoner DS, Ben-Shlomo R, Rinkevich B, Weissman IL (2002) Genetic variability of *Botryllus schlosseri* invasions to the east and west coasts of the USA. 243:93–100
- St-Pierre JF, see Browman HI et al. (2003) 247:297–302
- Strand J, Jacobsen JA (2002) Imposex in two sublittoral neogastropods from the Kattgat and Skagerrak: the common whelk *Buccinum undatum* and the red whelk *Nepitunea antiqua*. 244:171–177
- Strasser M (2002) Reduced epibenthic predation on intertidal bivalves after a severe winter in the European Wadden Sea. 241:113–123
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- Sundbäck K, Miles A, Hulth S, Pihl L, Engström P, Selander E, Svenson A (2003) Importance of benthic nutrient regeneration during initiation of macroalgal blooms in shallow bays. 246:115–126
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- AG (2003) Living on the edge: distribution of Dungeness crab *Cancer magister* in a recently deglaciated fjord. 246:241–252
- Takahashi A, Dunn MJ, Trathan PN, Sato K, Naito Y, Croxall JP (2003) Foraging strategies of chinstrap penguins at Signy Island, Antarctica: importance of benthic feeding on Antarctic krill. 250:279–289
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- Teira E, Pazó MJ, Quevedo M, Fuentes MV, Niell FX, Fernández E (2003) Rates of dissolved organic carbon production and bacterial activity in the eastern North Atlantic Subtropical Gyre during summer. 249:53–67
- Teixidó N, Garrabou J, Arntz WE (2002) Spatial pattern quantification of Antarctic benthic communities using landscape indices. 242:1–14
- Thistle D (2003) Harpacticoid copepod emergence at a shelf site in summer and winter: implications for hydrodynamic and mating hypotheses. 248:177–185
- Thomas FIM, Cornelisen CD (2003) Ammonium uptake by seagrass communities: effects of oscillatory versus unidirectional flow. 247:51–57
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- Thomasson MA, Johnson ML, Strömberg JO, Gaten E (2003) Swimming capacity and pleopod beat rate as a function of sex, size and moult stage in Northern krill *Meganyctiphanes norvegica*. 250:205–213
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- Thrush SF, Schultz D, Hewitt JE, Talley D (2002) Habitat structure in soft-sediment environments and abundance of juvenile snapper *Pagrus auratus*. 245:273–280
- Timmermann K, Andersen O (2003) Bioavailability of pyrene to the deposit-feeding polychaete *Arenicola marina*: importance of sediment versus water uptake routes. 246:163–172
- Tiselius P, see Vargas CA et al. (2002) 241:125–138
- Titelman J, Kjørboe T (2003) Motility of copepod nauplii and implications for food encounter. 247:123–135
- Titelman J, Kjørboe T (2003) Predator avoidance by nauplii. 247:137–149
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- Touratier F, Carlotti F, Gorsky G (2003) Individual growth model for the appendicularian *Oikopleura dioica*. 248:141–163
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- Trapido-Rosenthal H, see Savage AM et al. (2002) 244:27–37
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- Trnski T (2002) Behaviour of settlement-stage larvae of fishes with an estuarine juvenile phase: *in situ* observations in a warm-temperate estuary. 242:205–214
- Troedsson C, Bouquet JM, Aksnes DL, Thompson EM (2002) Resource allocation between somatic growth and reproductive output in the pelagic chordate *Oikopleura dioica* allows opportunistic response to nutritional variation. 243:83–91
- Troncoso VA, Daneri G, Cuevas LA, Jacob B, Montero P (2003) Bacterial carbon flow in the Humboldt Current System off Chile. 250:1–12
- Trussell GC (2002) Evidence of countergradient variation in the growth of an intertidal snail in response to water velocity. 243:123–131
- Trust KA, see Esler D et al. (2002) 241:271–286
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- Turner VLG, Lynch SM, Paterson L, León-Cortés JL, Thorpe JP (2003) Aggression as a function of genetic relatedness in the sea anemone *Actinia equina* (Anthozoa: Actiniaria). 247:85–92
- Turon X, see de Caralt S et al. (2002) 244:125–137
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- Tzeng WN, Shiao JC, Iizuka Y (2002) Use of otolith Sr:Ca ratios to study the riverine migratory behaviors of Japanese eel *Anguilla japonica*. 245:213–221

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- Uhrin AV, Holmquist JG (2003) Effects of propeller scarring on macrofaunal use of the seagrass *Thalassia testudinum*. 250:61–70
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- Uthicke S, Benzie JAH (2002) A genetic fingerprint recapture technique for measuring growth in 'unmarkable' invertebrates: negative growth in commercially fished holothurians (*Holothuria nobilis*). 241:221–226

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- Vanaverbeke J, Steyaert M, Vanreusel A, Vincx M (2003) Nematode biomass spectra as descriptors of functional changes due to human and natural impact. 249:157–170
- VanBlaricom GR, see Bodkin JL et al. (2002) 241:237–253
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- Vargas CA, Tönnesson K, Sell A, Maar M, Møller EF, Zerovoudaki T, Giannakourou A, Christou E, Satapoomin S, Petersen JK, Nielsen TG, Tiselius P (2002) Importance of copepods versus appendicularians in vertical carbon fluxes in a Swedish fjord. 241:125–138
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 Walton M, Pomeroy P (2003) Use of blubber fatty acid profiles to detect inter-annual variations in the diet of grey seals *Halichoerus grypus*. 248:257–266
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 Whitehead H (2002) Estimates of the current global population size and historical trajectory for sperm whales. 242:295–304
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 Yin K (2002) Monsoonal influence on seasonal variations in nutrients and phytoplankton biomass in coastal waters of Hong Kong in the vicinity of the Pearl River estuary. 245:111–122
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