

COMBINED AUTHOR AND TITLE INDEX

(Volumes 281 to 290, 2004–2005)

A

- Abookire AA, Piatt JF (2005) Oceanographic conditions structure forage fishes into lipid-rich and lipid-poor communities in lower Cook Inlet, Alaska, USA. 287:229–240
- Aiken J, see Barlow RG et al. (2004) 281:13–26
- Aiken J, see Devilla RA et al. (2005) 286:1–12
- Ainley DG, see Keiper CA et al. (2005) 289:285–306
- Akiyama T, Yamamoto M (2004) Life history of *Nippoleucon hinumensis* (Crustacea: Cumacea: Leuconidae) in Seto Inland Sea of Japan. I. Summer diapause and molt cycle. 284:211–225
- Akiyama T, Yamamoto M (2004) Life history of *Nippoleucon hinumensis* (Crustacea: Cumacea: Leuconidae) in Seto Inland Sea of Japan. II. Non-diapausing subpopulation. 284:227–235
- Albaina A, Irigoien X (2004) Relationships between frontal structures and zooplankton communities along a cross-shelf transect in the Bay of Biscay (1995 to 2003). 284: 65–75
- Allen BT, see Harris LA et al. (2004) 281:233–239
- Allen SG, see Keiper CA et al. (2005) 289:285–306
- Álvarez-Salgado XA, see Nieto-Cid M et al. (2004) 283:39–54
- Andersen M, see Grahl-Nielsen O et al. (2004) 281:303–306
- Anderson MJ, see Terlizzi A et al. (2005) 289:27–42
- Andréfouët S, Payri C, Hochberg EJ, Hu C, Atkinson MJ, Muller-Karger FE (2004) Use of *in situ* and airborne reflectance for scaling-up spectral discrimination of coral reef macroalgae from species to communities. 283: 161–177
- Aono H, see Fujiki T et al. (2004) 283:29–38
- Arikawa M, see Ohtsuka S et al. (2004) 282:129–142
- Armbrust V, see Paffenhöfer GA et al. (2005) 286:293–305
- Arrizabalaga H, Costas E, Juste J, González-Garcés A, Nieto B, López-Rodas V (2004) Population structure of albacore *Thunnus alalunga* inferred from blood groups and tag-recapture analyses. 282:245–252
- Ashjian CJ, see Davis CS et al. (2004) 284:77–96
- Atkinson A, see Schmidt K et al. (2004) 281:131–143
- Atkinson MJ, see Andréfouët S et al. (2004) 283:161–177
- Attrill MJ, see Hernández Arana HA et al. (2005) 289:89–107
- Austin WC, see Leys SP et al. (2004) 283:133–149
- Axelsson L, see Björk M et al. (2004) 284:109–116

B

- Baines SB, Fisher NS, Kinney EL (2005) Influence of temperature on dietary metal uptake in Arctic and temperate mussels. 289:201–213
- Balazs G, see Chaloupka M et al. (2004) 283:301–302
- Bämstedt U, see Paffenhöfer GA et al. (2005) 286:293–305
- Ban S, see Paffenhöfer GA et al. (2005) 286:293–305
- Bando KJ, see Hughes AR et al. (2004) 282:87–99
- Barker S, see Neckles HA et al. (2005) 285:57–73

- Barlow RG, Aiken J, Moore GF, Holligan PM, Lavender S (2004) Pigment adaptations in surface phytoplankton along the eastern boundary of the Atlantic Ocean. 281: 13–26
- Barnes DKA, Kukliński P (2005) Bipolar patterns of intraspecific competition in bryozoans. 285:75–87
- Barnes DKA, Warren NL, Webb K, Phalan B, Reid K (2004) Polar pedunculate barnacles piggy-back on pycnogona, penguins, pinniped seals and plastics. 284:305–310
- Barreiro R, see Ruiz JM et al. (2005) 287:169–176
- Barry JP, see Thistle D et al. (2005) 289:1–4
- Bartels E, see Stabenau ER et al. (2004) 282:59–72
- Batley GE, see King CK et al. (2005) 287:177–188
- Baums IB, Hughes CR, Hellberg ME (2005) Mendelian microsatellite loci for the Caribbean coral *Acropora palmata*. 288:115–127
- Beare DJ, Burns F, Greig A, Jones EG, Peach K, Kienzle M, McKenzie E, Reid DG (2004) Long-term increases in prevalence of North Sea fishes having southern biogeographic affinities. 284:269–278
- Beaugrand G, Ibanez F (2004) Monitoring marine plankton ecosystems. II: Long-term changes in North Sea calanoid copepods in relation to hydro-climatic variability. 284: 35–47
- Becquevert S, see Lancelot C et al. (2005) 289:63–78
- Beer S, see Björk M et al. (2004) 284:109–116
- Behrens MD, Lafferty KD (2004) Erratum to Vol. 279:129–139. 281:307
- Behum ME, Brodie RJ, Staton JL (2005) Distribution of juvenile *Uca pugnax* and *U. pugilator* across habitats in a South Carolina estuary, assessed by molecular techniques. 288:211–220
- Bejder L, see Heithaus MR et al. (2005) 288:285–294
- Bell PRF, see Elmetri I (2004) 281:27–35
- Bell SS, see Bowles JW (2004) 283:127–132
- Bell SS, see Robbins BD (2004) 282:221–227
- Bellingham JG, see Ryan JP et al. (2005) 287:23–32
- Belmaker J, Shashar N, Ziv Y (2005) Effects of small-scale isolation and predation on fish diversity on experimental reefs. 289:273–283
- Benayahu Y, see Rilov G et al. (2004) 282:193–204
- Benedetti-Cecchi L, see Terlizzi A et al. (2005) 289:27–42
- Benson S, see Croll DA et al. (2005) 289:117–130
- Bentley MG, see Lye CM et al. (2005) 288:221–232
- Bentley MG, see Paffenhöfer GA et al. (2005) 286:293–305
- Berger-Jönsson R, see Råberg S et al. (2005) 289:131–139
- Berges JA, see Young EB et al. (2005) 288:103–114
- Berumen ML, Pratchett MS, McCormick MI (2005) Within-reef differences in diet and body condition of coral-feeding butterflyfishes (Chaetodontidae). 287:217–227
- Bester MN, see McMahon CR et al. (2005) 288:273–283
- Beukema JJ, Dekker R (2005) Decline of recruitment success in cockles and other bivalves in the Wadden Sea: possible role of climate change, predation on postlarvae and fisheries. 287:149–167

- Bevilacqua S, see Terlizzi A et al. (2005) 289:27–42
- Beyer K, see Jacob U et al. (2005) 287:251–253
- Bhagooli R, see LaJeunesse TC (2004) 284:147–161
- Billen G, see Lancelot C et al. (2005) 289:63–78
- Billett DSM, see Hudson IR et al. (2004) 281:109–120
- Billot C, see Faugeron S et al. (2005) 288:129–140
- Binzer T, Middelboe AL (2005) From thallus to communities: scale effects and photosynthetic performance in macroalgae communities. 287:65–75
- Björk M, Axelsson L, Beer S (2004) Why is *Ulva intestinalis* the only macroalga inhabiting isolated rockpools along the Swedish Atlantic coast? 284:109–116
- Björn A, see Råberg S et al. (2005) 289:131–139
- Björn PA, see Stien A et al. (2005) 290:263–275
- Black N, see Croll DA et al. (2005) 289:117–130
- Black WH, see Rainbow PS (2005) 286:217–229
- Blackall LL, see Jones RJ et al. (2004) 281:63–77
- Blackwell S, see Teo SLH et al. (2004) 283:81–98
- Blanchard GF, see Herlory O et al. (2004) 282:33–44
- Block BA, see Teo SLH et al. (2004) 283:81–98
- Boehlert GW, see Hinke JT et al. (2005) 285:181–192
- Boersma M, see Paffenhöfer GA et al. (2005) 286:293–305
- Bollens SM, see Dorman JG et al. (2005) 288:183–198
- Bonadonna F, see Nevitt GA (2005) 287:292–295
- Bortolotto E, see Papetti C et al. (2005) 289:225–235
- Bost CA, Charrassin JB, Clerquin Y, Ropert-Coudert Y, Le Maho Y (2004) Exploitation of distant marginal ice zones by king penguins during winter. 283:293–297
- Boudouresque CF, see Klein J et al. (2005) 290:79–88
- Bouquegneau JM, see Das K et al. (2004) 281:283–295
- Bourne DG, see Seymour JR et al. (2005) 288:1–8
- Boustany A, see Teo SLH et al. (2004) 283:81–98
- Boutoute M, see Connan M et al. (2005) 290:277–290
- Bowen WD, see Thiemann GW et al. (2004) 281:297–301
- Bowles JW, Bell SS (2004) Simulated herbivory and the dynamics of disease in *Thalassia testudinum*. 283:127–132
- Bowyer J, see Jones RJ et al. (2004) 281:63–77
- Bradshaw CJA (2005) Survival of the fittest technology—problems estimating marine turtle mortality. 287:261–262
- Brandão A, see Cardoso PG et al. (2005) 289:191–199
- Brea S, see Nieto-Cid M et al. (2004) 283:39–54
- Brewer PG, see Thistle D et al. (2005) 289:1–4
- Brey T, see Jacob U et al. (2005) 287:251–253
- Briand C, see Edeline E et al. (2004) 282:261–270
- Bricelj VM, MacQuarrie SP, Smolowitz R (2004) Concentration-dependent effects of toxic and non-toxic isolates of the brown tide alga *Aureococcus anophagefferens* on growth of juvenile bivalves. 282:101–114
- Brokerhoff AM, McLay CL (2005) Mating behaviour, female receptivity and male–male competition in the intertidal crab *Hemigrapsus sexdentatus* (Brachyura: Grapsidae). 290:179–191
- Broderick AC, see Hays GC et al. (2004) 283:299–300
- Brodie RJ, see Behum ME et al. (2005) 288:211–220
- Brouwer M, see Brown-Peterson NJ et al. (2005) 286:203–215
- Browder JA, see Ciales MM et al. (2005) 286:231–238
- Brownman HI (2005) Applications of sensory biology in marine ecology and aquaculture. 287:266–269
- Brownman HI, see Galbraith PS et al. (2004) 281:241–257
- Brownman HI, see Weissburg MJ (2005) 287:263–307
- Brown L, see Wanek JJ et al. (2005) 288:45–57
- Brown MT, see Devilla RA et al. (2005) 286:1–12
- Brownell S, see Green J et al. (2004) 283:255–268
- Brown-Peterson NJ, Larkin P, Denslow N, King C, Manning S, Brouwer M (2005) Molecular indicators of hypoxia in the blue crab *Callinectes sapidus*. 286:203–215
- Brown-Saracino J, see Robbart ML et al. (2004) 283:150–160
- Buckley B, see Harris LA et al. (2004) 281:233–239
- Buckley BA, Szmant AM (2004) RNA/dnA ratios as indicators of metabolic activity in four species of Caribbean reef-building corals. 282:143–149
- Buckley LJ, see Lapolla A (2005) 290:239–249
- Bucklin A, see Papetti C et al. (2005) 289:225–235
- Budge SM, see Thiemann GW et al. (2004) 281:297–301
- Bulleri F (2005) Role of recruitment in causing differences between intertidal assemblages on seawalls and rocky shores. 287:53–65
- Bulleri F, Chapman MG, Underwood AJ (2004) Patterns of movement of the limpet *Cellana tramoserica* on rocky shores and retaining seawalls. 281:121–129
- Bundy M, see Paffenhöfer GA et al. (2005) 286:293–305
- Burger AE, Hitchcock CL, Davoren GK (2004) Spatial aggregations of seabirds and their prey on the continental shelf off SW Vancouver Island. 283:279–292
- Burns F, see Beare DJ et al. (2004) 284:269–278
- Burrows MT, see Jenkins SR et al. (2005) 287:77–86
- Burton HR, see McMahon CR et al. (2005) 288:273–283
- Burton RS, see Ellison CK (2005) 288:75–85
- Buttino I, see Paffenhöfer GA et al. (2005) 286:293–305
- Byrd AG, see Hopcroft RR et al. (2005) 286:193–201

C

- Calbet A, see Paffenhöfer GA et al. (2005) 286:293–305
- Caldwell GS, see Paffenhöfer GA et al. (2005) 286:293–305
- Calliari D, see Rodríguez-Graña L et al. (2005) 290:119–134
- Camacho-Ibar V, see Ibarra-Obando SE et al. (2004) 283:99–112
- Cameron MF, see Mitani Y et al. (2004) 281:275–281
- Cardoso PG, Brandão A, Pardal MA, Raffaelli D, Marques JC (2005) Resilience of *Hydrobia ulvae* populations to anthropogenic and natural disturbances. 289:191–199
- Carlotti F, see Paffenhöfer GA et al. (2005) 286:293–305
- Carman KR, see Thistle D et al. (2005) 289:1–4
- Caron DA, see Cerrato RM et al. (2004) 281:93–108
- Caron G, Michel C, Gosselin M (2004) Seasonal contributions of phytoplankton and fecal pellets to the organic carbon sinking flux in the North Water (northern Baffin Bay). 283:1–13
- Carotenuto Y, see Paffenhöfer GA et al. (2005) 286:293–305
- Carpenter EJ, see Falcón LI et al. (2005) 285:3–9
- Carriquiry JD, see Ibarra-Obando SE et al. (2004) 283:99–112
- Carscadden JE (2005) Did signals from seabirds indicate changes in capelin biology during the 1990s? Comment on Davoren & Montevecchi (2003). 285:289–297
- Casotti R, see Paffenhöfer GA et al. (2005) 286:293–305
- Castellani C, Irigoien X, Harris RP, Lampitt RS (2005) Feeding and egg production of *Oithona similis* in the North Atlantic. 288:173–182
- Castellani C, Robinson C, Smith T, Lampitt RS (2005) Temperature affects respiration rate of *Oithona similis*. 285:129–135
- Castilla JC, see Lagos NA et al. (2005) 290:165–178
- Castro L, see Rodríguez-Graña L et al. (2005) 290:119–134
- Cerco CF, Noel MR (2004) Process-based primary production modeling in Chesapeake Bay. 282:45–58
- Cerda M, see Deudero S et al. (2005) 285:151–156
- Cerrato RM, Caron DA, Lonsdale DJ, Rose JM, Schaffner RA (2004) Effect of the northern quahog *Mercenaria mercenaria* on the development of blooms of the brown tide alga *Aureococcus anophagefferens*. 281:93–108
- Chadwick-Furman NE, see Lapid ED et al. (2004) 282:161–171

- Chaloupka M, Parker D, Balazs G (2004) Tracking turtles to their death—reply to Hays et al. 283:301–302
- Chapman MG, see Bulleri F et al. (2004) 281:121–129
- Charrassin JB, see Bost CA et al. (2004) 283:293–297
- Chavez FP, see Croll DA et al. (2005) 289:117–130
- Chavez FP, see Ryan JP et al. (2005) 287:23–32
- Cherel Y, see Connan M et al. (2005) 290:277–290
- Cherry MI, see Teske PR et al. (2005) 286:249–260
- Cheung M, Wang WX (2005) Influence of subcellular metal compartmentalization in different prey on the transfer of metals to a predatory gastropod. 286:155–166
- Chevaldonné P, see Lejeusne C (2005) 287:189–199
- Chiang KP, see Liu H et al. (2005) 286:133–144
- Choo CK, see Teske PR et al. (2005) 286:249–260
- Clare AS, see Lye CM et al. (2005) 288:221–232
- Clarke C, see Hopcroft RR et al. (2005) 286:193–201
- Clerquin Y, see Bost CA et al. (2004) 283:293–297
- Cloern JE, Dufford R (2005) Phytoplankton community ecology: principles applied in San Francisco Bay. 285: 11–28
- Cochran JK, see Stewart GM et al. (2005) 290:27–33
- Coleman RA, see Jenkins SR et al. (2005) 287:77–86
- Compère P, see Zbinden M et al. (2004) 284:237–251
- Congdon BC, see Peck DR et al. (2004) 281:259–266
- Conlan KE, Kvitek RG (2005) Recolonization of soft-sediment ice scours on an exposed Arctic coast. 286:21–42
- Connan M, Mayzaud P, Boutoute M, Weimerskirch H, Cherel Y (2005) Lipid composition of stomach oil in a procellariiform seabird *Puffinus tenuirostris*: implications for food web studies. 290:277–290
- Connell SD (2005) Assembly and maintenance of subtidal habitat heterogeneity: synergistic effects of light penetration and sedimentation. 289:53–61
- Connell SD, see Russell BD (2005) 289:5–11
- Connolly RM, Hindell JS, Gorman D (2005) Seagrass and epiphytic algae support nutrition of a fisheries species, *Silago schomburgkii*, in adjacent intertidal habitats. 286: 69–79
- Correa JA, see Faugeron S et al. (2005) 288:129–140
- Costa PR, Garrido S (2004) Domoic acid accumulation in the sardine *Sardina pilchardus* and its relationship to *Pseudonitzschia* diatom ingestion. 284:261–268
- Costas E, see Arrizabalaga H et al. (2004) 282:245–252
- Cotret O, see Stewart GM et al. (2005) 290:27–33
- Cotté C, Simard Y (2005) Formation of dense krill patches under tidal forcing at whale feeding hot spots in the St. Lawrence Estuary. 288:199–210
- Cowen RK, see Richardson DE (2004) 282:271–284
- Coyer JA, Diekmann OE, Serrão EA, Procaccini G, Milchakova N, Pearson GA, Stam WT, Olsen JL (2004) Population genetics of dwarf eelgrass *Zostera noltii* throughout its biogeographic range. 281:51–62
- Coyer JA, see Diekmann OE et al. (2005) 290:89–96
- Coyer JA, see Roberson LM (2004) 282:115–128
- Criales MM, Wang J, Browder JA, Robblee MB (2005) Tidal and seasonal effects on transport of pink shrimp postlarvae. 286:231–238
- Croll DA, Marinovic B, Benson S, Chavez FP, Black N, Terrullo R, Tershy BR (2005) From wind to whales: trophic links in a coastal upwelling system. 289:117–130
- Croxall JP, see Phillips RA et al. (2005) 285:259–270
- Cruz-Motta JJ (2005) Diel and tidal variations of benthic assemblages in sediments associated with boulder fields. 290:97–107
- Cuevas LA, see Molina V et al. (2005) 288:35–43
- Curran HA, see Robbart ML et al. (2004) 283:150–160
- Curtis L, see Östlund-Nilsson S et al. (2005) 287:209–216
- D**
- da Gama BAP, see Weidner K et al. (2004) 283:113–125
- Dagg MJ, see Liu H et al. (2005) 286:133–144
- d'Alcalà MR, see Paffenhofer GA et al. (2005) 286:293–305
- d'Ippolito G, see Paffenhofer GA et al. (2005) 286:293–305
- Daniłowicz BS, see Heffernan OA et al. (2004) 284:279–291
- Das K, Siebert U, Fontaine M, Jauniaux T, Holsbeek L, Bouquegneau JM (2004) Ecological and pathological factors related to trace metal concentrations in harbour porpoises *Phocoena phocoena* from the North Sea and adjacent areas. 281:283–295
- Davidson R, see Waniek JJ et al. (2005) 288:45–57
- Davis CS, Hu Q, Gallagher SM, Tang X, Ashjian CJ (2004) Real-time observation of taxa-specific plankton distributions: an optical sampling method. 284:77–96
- Davoren GK, Monteverchi WA (2004) Did signals from seabirds indicate changes in capelin biology? Reply to Carscadden (2005). 285:299–309
- Davoren GK, see Burger AE et al. (2004) 283:279–292
- de Armas D, see Mouríño B et al. (2005) 287:45–52
- Deibel D, see Parrish CC et al. (2005) 286:57–68
- Dekker R, see Beukema JJ (2005) 287:149–167
- Della Santina P, see Jenkins SR et al. (2005) 287:77–86
- Denadai MR, see Turra A et al. (2005) 286:279–291
- Dennis TE, see Walker MM (2005) 287:295–300
- de Nooijer LJ, see Duijnsteet IAP et al. (2005) 285:29–42
- Denslow N, see Brown-Peterson NJ et al. (2005) 286:203–215
- Derocher AE, see Grahl-Nielsen O et al. (2004) 281:303–306
- Deudero S, Frau A, Cerdá M, Hampel H (2005) Distribution and densities of the decapod crab *Percnon gibbesi*, an invasive Grapsidae, in western Mediterranean waters. 285:151–156
- de Vantier L, see LaJeunesse TC (2004) 284:147–161
- Devilla RA, Brown MT, Donkin M, Tarhan GA, Aiken J, Readman JW (2005) Impact of antifouling booster biocides on single microalgal species and on a natural marine phytoplankton community. 286:1–12
- Diekmann OE, Coyer JA, Ferreira J, Olsen JL, Stam WT, Pearson GA, Serrão EA (2005) Population genetics of *Zostera noltii* along the west Iberian coast: consequences of small population size, habitat discontinuity and near-shore currents. 290:89–96
- Diekmann OE, see Coyer JA et al. (2004) 281:51–62
- Dill LM, see Heithaus MR et al. (2005) 288:285–294
- Dobretsov SV, Qian PY, Wahl M (2005) Effect of solar ultraviolet radiation on the formation of shallow, early successional biofouling communities in Hong Kong. 290:55–65
- Done T, see LaJeunesse TC (2004) 284:147–161
- Donkin M, see Devilla RA et al. (2005) 286:1–12
- Dorman JG, Bollens SM, Slaughter AM (2005) Population biology of euphausiids off northern California and effects of short time-scale wind events on *Euphausia pacifica*. 288:183–198
- Drew S, see Kauppila P et al. (2005) 290:35–53
- Dring MJ, see Young EB et al. (2005) 288:103–114
- Drolet D, Himmelman JH, Rochette R (2004) Use of refuges by the ophiuroid *Ophiopholis aculeata*: contrasting effects of substratum complexity on predation risk from two predators. 284:173–183
- Duarte CM, see Kendrick GA et al. (2005) 290:291–296
- Duck CD, see Pomerooy PP et al. (2005) 287:241–250
- Dufford R, see Cloern JE (2005) 285:11–28
- Dufour S, see Edeline E et al. (2004) 282:261–270
- Duijnsteet IAP, de Nooijer LJ, Ernst SR, van der Zwaan GJ (2005) Population dynamics of benthic shallow-water foraminifera: effects of a simulated marine snow event. 285:29–42

E

- Edeline E, Dufour S, Briand C, Fatin D, Elie P (2004) Thyroid status is related to migratory behavior in *Anguilla anguilla* glass eels. 282:261–270
- Egner SA, Mann DA (2005) Auditory sensitivity of sergeant major damselfish *Abudefduf saxatilis* from post-settlement juvenile to adult. 285:213–222
- Eissler Y, see Molina V et al. (2005) 288:35–43
- Elie P, see Edeline E et al. (2004) 282:261–270
- Ellison CK, Burton RS (2005) Application of bead array technology to community dynamics of marine phytoplankton. 288:75–85
- Elmetri I, Bell PRF (2004) Effects of phosphorus on the growth and nitrogen fixation rates of *Lyngbya majuscula*: implications for management in Moreton Bay, Queensland. 281: 27–35
- Elsdon TS, Gillanders BM (2005) Strontium incorporation into calcified structures: separating the effects of ambient water concentration and exposure time. 285:233–243
- Elston DA, see Stien A et al. (2005) 290:263–275
- Enríquez S (2005) Light absorption efficiency and the package effect in the leaves of the seagrass *Thalassia testudinum*. 289:141–150
- Ernst SR, see Duijnstee IAP et al. (2005) 285:29–42
- Escalante AH, see Lucifora LO et al. (2005) 289:237–244
- Escáñez J, see Mouríño B et al. (2005) 287:45–52
- Escribano R, see Molina V et al. (2005) 288:35–43

F

- Falcón LI, Pluvinate S, Carpenter EJ (2005) Growth kinetics of marine unicellular N₂-fixing cyanobacterial isolates in continuous culture in relation to phosphorus and temperature. 285:3–9
- Fariñas L, see Molina V et al. (2005) 288:35–43
- Fatin D, see Edeline E et al. (2004) 282:261–270
- Faugeron S, Martínez EA, Correa JA, Billot C (2005) Long-term copper mine waste disposal in northern Chile associated with gene flow disruption of the intertidal kelp *Lessonia nigrescens*. 288:129–140
- Fernández E, see Mouríño B et al. (2005) 287:45–52
- Ferreira J, see Diekmann OE et al. (2005) 290:89–96
- Ferrier-Pagès C, see Houlbrèque F et al. (2004) 282:151–160
- Fields DM, Weissburg MJ (2005) Evolutionary and ecological significance of mechanosensor morphology: copepods as a model system. 287:269–274
- Fiksen Ø, see Titelman J (2004) 284:49–63
- Fisher NS, see Baines SB et al. (2005) 289:201–213
- Fisher NS, see Stewart GM et al. (2005) 290:27–33
- Fisher R (2005) Swimming speeds of larval coral reef fishes: impacts on self-recruitment and dispersal. 285:223–232
- Fistarol GO, see Suikkanen S et al. (2005) 287:1–9
- Fitt WK, see LaJeunesse TC (2004) 284:147–161
- Fleeger JW, see Thistle D et al. (2005) 289:1–4
- Floruta F, see Jonsson LG et al. (2004) 284:163–171
- Fontaine M, see Das K et al. (2004) 281:283–295
- Fontana A, see Paffenhöfer GA et al. (2005) 286:293–305
- Forster RM, Kromkamp JC (2004) Modelling the effects of chlorophyll fluorescence from subsurface layers on photosynthetic efficiency measurements in microphytobenthic algae. 284:9–22
- Fowler SW, see Stewart GM et al. (2005) 290:27–33
- Francis RICC, see Trenkel VM et al. (2004) 284:293–303
- Fraschetti S, see Terlizzi A et al. (2005) 289:27–42
- Frau A, see Deudero S et al. (2005) 285:151–156

- Fredensborg BL, Mouritsen KN, Poulin R (2005) Impact of trematodes on host survival and population density in the intertidal gastropod *Zeacumantus subcarinatus*. 290: 109–117
- Frid A, see Heithaus MR et al. (2005) 288:285–294
- Frost B, see Paffenhöfer GA et al. (2005) 286:293–305
- Fujiki T, Toda T, Kikuchi T, Aono H, Taguchi S (2004) Phosphorus limitation of primary productivity during the spring-summer blooms in Sagami Bay, Japan. 283:29–38
- Fujikura K, see Watanabe H et al. (2005) 288:233–240
- Funnell G, see Gibbs M et al. (2005) 288:151–164

G

- Gabré H, see Teske PR et al. (2005) 286:249–260
- Gaill F, see Zbinden M et al. (2004) 284:237–251
- Galbraith PS, Browman HI, Racca RG, Skiftesvik AB, Saint-Pierre JF (2004) Effect of turbulence on the energetics of foraging in Atlantic cod *Gadus morhua* larvae. 281: 241–257
- Gallager SM, see Davis CS et al. (2004) 284:77–96
- Gallucci F, Netto SA (2004) Effects of the passage of cold fronts over a coastal site: an ecosystem approach. 281: 79–92
- Garrido S, see Costa PR (2004) 284:261–268
- Garthe S, see Schwemmer P (2005) 285:245–258
- Gascoigne J, Lipcius RN (2004) Conserving populations at low abundance: delayed functional maturity and Allee effects in reproductive behaviour of the queen conch *Strombus gigas*. 284:185–194
- Gasith A, see Rilov G et al. (2004) 282:193–204
- Giannoulaki M, see Machias A et al. (2005) 288:241–250
- Gibbs M, Funnell G, Pickmere S, Norkko A, Hewitt J (2005) Benthic nutrient fluxes along an estuarine gradient: influence of the pinnid bivalve *Atrina zelandica* in summer. 288:151–164
- Gieskes WWC, see van Leeuwe MA et al. (2005) 288:9–19
- Giles H, Pilditch CA (2004) Effects of diet on sinking rates and erosion thresholds of mussel *Perna canaliculus* biodeposits. 282:205–219
- Gillanders BM, see Elsdon TS (2005) 285:233–243
- Giménez L (2004) Marine community ecology: importance of trait-mediated effects propagating through complex life cycles. 283:303–310
- Gislason A (2005) Seasonal and spatial variability in egg production and biomass of *Calanus finmarchicus* around Iceland. 286:177–192
- Godley BJ, see Hays GC et al. (2004) 283:299–300
- Goecker ME, Heck KL Jr, Valentine JF (2005) Effects of nitrogen concentrations in turtlegrass *Thalassia testudinum* on consumption by the bucktooth parrotfish *Sparisoma radicans*. 286:239–248
- Gold-Bouchot G, see Hernández Arana HA et al. (2005) 289: 89–107
- González HE, see Rodríguez-Graña L et al. (2005) 290: 119–134
- González JJ, see Ruiz JM et al. (2005) 287:169–176
- González-Garcés A, see Arrizabalaga H et al. (2004) 282: 245–252
- Gorman D, see Connolly RM et al. (2005) 286:69–79
- Gosselin M, see Caron G et al. (2004) 283:1–13
- Grahl-Nielsen O, Andersen M, Derocher AE, Lydersen C, Wiig Ø, Kovacs KM (2004) Reply to Comment on Grahl-Nielsen et al. (2003): sampling, data treatment and predictions in investigations on fatty acids in marine mammals. 281:303–306

- Grahl-Nielsen O, see Troedsson C et al. (2005) 289:165–176
- Granberg ME, Hansen R, Selck H (2005) Relative importance of macrofaunal burrows for the microbial mineralization of pyrene in marine sediments: impact of macrofaunal species and organic matter quality. 288:59–74
- Granéli E, see Råberg S et al. (2005) 289:131–139
- Granéli E, see Suikkanen S et al. (2005) 287:1–9
- Gray JS, see Ugland KI (2004) 284:1–8
- Green BS, McCormick MI (2005) Maternal and paternal effects determine size, growth and performance in larvae of a tropical reef fish. 289:263–272
- Green J, Jones R, Brownell S (2004) Age and growth of larval cod and haddock on Georges Bank during 1995 and 1996. 283:255–268
- Greig A, see Beare DJ et al. (2004) 284:269–278
- Grutter AS, see Östlund-Nilsson S et al. (2005) 287:209–216
- Guarini JM, see Herlory O et al. (2004) 282:33–44
- Guderley HE, see Raymond JF et al. (2004) 283:179–190
- Guidetti P, see Terlizzi A et al. (2005) 289:27–42
- Guisande C, see Paffenhöfer GA et al. (2005) 286:293–305
- Gypens N, see Lancelot C et al. (2005) 289:63–78

H

- Hajdu S, see Höglander H et al. (2004) 283:15–27
- Hall AJ, see Pomeroy PP et al. (2005) 287:241–250
- Hamilton H, see Teske PR et al. (2005) 286:249–260
- Hammond JA, see Pomeroy PP et al. (2005) 287:241–250
- Hampel H, see Deudero S et al. (2005) 285:151–156
- Hanelt D, see Roleda MY et al. (2004) 281:37–50
- Hansen PJ, see Lundholm N et al. (2005) 288:21–33
- Hansen R, see Granberg ME et al. (2005) 288:59–74
- Hansen T, see Sommer F et al. (2005) 286:99–106
- Harder T, see Lam C et al. (2005) 286:145–154
- Hardison DR, see Sunda WG et al. (2005) 287:11–22
- Hare JA, see Kimball ME et al. (2004) 283:269–278
- Harley CDG, see Wonham MJ et al. (2005) 289:109–116
- Haroun RJ, see Tuya F et al. (2005) 287:255–260
- Harris LA, Buckley B, Nixon SW, Allen BT (2004) Experimental studies of predation by bluefish *Pomatomus saltatrix* in varying densities of seagrass and macroalgae. 281:233–239
- Harris RP, see Castellani C et al. (2005) 288:173–182
- Harrison PJ, see Marchetti A et al. (2004) 281:1–12
- Hartnoll RG, see Jenkins SR et al. (2005) 287:77–86
- Harvey JT, see Keiper CA et al. (2005) 289:285–306
- Hawkins SJ, see Jenkins SR et al. (2005) 287:77–86
- Hays GC, Broderick AC, Godley BJ, Luschi P, Nichols WJ (2004) Tracking turtles to their death. 283:299–300
- Heck KL Jr, see Goecker ME et al. (2005) 286:239–248
- Heffernan OA, Danilowicz BS, Milligan SP (2004) Determination of species-specific spawning distributions of commercial finfish in the Irish Sea using a biochemical protein-based method. 284:279–291
- Heithaus MR, Frid A, Wirsing AJ, Bejder L, Dill LM (2005) Biology of sea turtles under risk from tiger sharks at a foraging ground. 288:285–294
- Helbling EW, see Villafañe VE et al. (2004) 284:23–34
- Hellberg ME, see Baums IB et al. (2005) 288:115–127
- Hemmi JM, Zeil J (2005) Animals as prey: perceptual limitations and behavioural options. 287:274–278
- Henson SA, see Wanek JJ et al. (2005) 288:45–57
- Herlory O, Guarini JM, Richard P, Blanchard GF (2004) Microstructure of microphytobenthic biofilm and its spatio-temporal dynamics in an intertidal mudflat (Aiguillon Bay, France). 282:33–44
- Hernaman V, Munday PL (2005) Life-history characteristics of coral reef gobies. I. Growth and life-span. 290:207–221
- Hernaman V, Munday PL (2005) Life-history characteristics of coral reef gobies. II. Mortality rate, mating system and timing of maturation. 290:223–237
- Hernández Arana HA, Warwick RM, Attrill MJ, Rowden AA, Gold-Bouchot G (2005) Assessing the impact of oil-related activities on benthic macrofauna assemblages of the Campeche shelf, southern Gulf of Mexico. 289:89–107
- Hernandez-Llamas A, Ratkowsky DA (2004) Growth of fishes, crustaceans and molluscs: estimation of the von Bertalanffy, Logistic, Gompertz and Richards curves and a new growth model. 282:237–244
- Heuch PA, see Stien A et al. (2005) 290:263–275
- Hewitt J, see Gibbs M et al. (2005) 288:151–164
- Hidaka M, see LaJeunesse TC (2004) 284:147–161
- Higgs DM (2005) Auditory cues as ecological signals for marine fishes. 287:278–281
- Hill R, see Ulstrup KE et al. (2005) 286:125–132
- Himmelman JH, see Drolet D et al. (2004) 284:163–171
- Himmelman JH, see Raymond JF et al. (2004) 283:179–190
- Hindell JS, Jenkins GP (2005) Assessing patterns of fish zonation in temperate mangroves, with emphasis on evaluating sampling artefacts. 290:193–205
- Hindell JS, see Connolly RM et al. (2005) 286:69–79
- Hindell MA, see McMahon CR et al. (2005) 288:273–283
- Hinke JT, Watters GM, Boehlert GW, Zedonis P (2005) Ocean habitat use in autumn by Chinook salmon in coastal waters of Oregon and California. 285:181–192
- Hirche HJ, see Niehoff B (2005) 285:107–115
- Hitchcock CL, see Burger AE et al. (2004) 283:279–292
- Hochberg EJ, see Andréfouët S et al. (2004) 283:161–177
- Hoegh-Guldberg O, see Jones RJ et al. (2004) 281:63–77
- Hoegh-Guldberg O, see LaJeunesse TC (2004) 284:147–161
- Höglander H, Larsson U, Hajdu S (2004) Vertical distribution and settling of spring phytoplankton in the offshore NW Baltic Sea proper. 283:15–27
- Holeton C, see Leyds SP et al. (2004) 283:133–149
- Holliday NP, see Wanek JJ et al. (2005) 288:45–57
- Holligan PM, see Barlow RG et al. (2004) 281:13–26
- Holohan BA, see McKee MP et al. (2005) 288:141–149
- Holsbeek L, see Das K et al. (2004) 281:283–295
- Hopcroft RR, Clarke C, Byrd AG, Pinchuk AI (2005) The paradox of *Metridia* spp. egg production rates: a new technique and measurements from the coastal Gulf of Alaska. 286:193–201
- Hora M, see Ohtsuka S et al. (2004) 282:129–142
- Hoshika A, see Takai N et al. (2004) 284:97–108
- Houde ED, see Jung S (2004) 281:217–232
- Houlbrèque F, Tambutté E, Richard C, Ferrier-Pagès C (2004) Importance of a micro-diet for scleractinian corals. 282:151–160
- Hu C, see Andréfouët S et al. (2004) 283:161–177
- Hu Q, see Davis CS et al. (2004) 284:77–96
- Hückstädt LA, Krautz MC (2004) Interaction between southern sea lions *Otaria flavescens* and jack mackerel *Trachurus symmetricus* commercial fishery off Central Chile: a geostatistical approach. 282:285–294
- Hudson IR, Pond DW, Billett DSM, Tyler PA, Lampitt RS, Wolff GA (2004) Temporal variations in fatty acid composition of deep-sea holothurians: evidence of benthopelagic coupling. 281:109–120
- Huettel M, see Wild C et al. (2005) 287:87–98
- Hughes AR, Bando KJ, Rodriguez LF, Williams SL (2004) Relative effects of grazers and nutrients on seagrasses: a meta-analysis approach. 282:87–99
- Hughes CR, see Baums IB et al. (2005) 288:115–127

- Humphreys R Jr, see Hyde JR et al. (2005) 286:269–277
 Hwang JS, see Seuront L et al. (2004) 283:199–217
 Hyde JR, Lynn E, Humphreys R Jr, Musyl M, West AP, Vetter R (2005) Shipboard identification of fish eggs and larvae by multiplex PCR, and description of fertilized eggs of blue marlin, shortbill spearfish, and wahoo. 286:269–277

I

- Ianora A, see Paffenhöfer GA et al. (2005) 286:293–305
 Ibanez F, see Beaugrand G (2004) 284:35–47
 Ibarra-Obando SE, Smith SV, Poumian-Tapia M, Camacho-Ibar V, Carriquiry JD, Montes-Hugo M (2004) Benthic metabolism in San Quintin Bay, Baja California, Mexico. 283:99–112
 Inagaki F, see Watanabe H et al. (2005) 288:233–240
 Irigoien X, see Albaina A (2004) 284:65–75
 Irigoien X, see Castellani C et al. (2005) 288:173–182
 Iverson SJ, see Thiemann GW et al. (2004) 281:297–301

J

- Jackson GA, see Visser AW (2004) 283:55–71
 Jackson GD, see Semmens JM (2005) 289:215–223
 Jacob U, Mintenbeck K, Brey T, Knust R, Beyer K (2005) Stable isotope food web studies: a case for standardized sample treatment. 287:251–253
 Janzen CD, see Tweddle JF et al. (2005) 289:79–88
 Jaquemet S, see Weimerskirch H et al. (2005) 288:251–261
 Jauniaux T, see Das K et al. (2004) 281:283–295
 Jellyman D, Tsukamoto K (2005) Swimming depths of offshore migrating longfin eels *Anguilla dieffenbachii*. 286: 261–267
 Jenkins GP (2005) Influence of climate on the fishery recruitment of a temperate, seagrass-associated fish, the King George whiting *Sillaginodes punctata*. 288:263–271
 Jenkins GP, see Hindell JS (2005) 290:193–205
 Jenkins SR, Coleman RA, Della Santina P, Hawkins SJ, Burrows MT, Hartnoll RG (2005) Regional scale differences in the determinism of grazing effects in the rocky intertidal. 287:77–86
 Jiang X, see Wang G et al. (2005) 288:165–171
 Johnsen S (2005) Visual ecology on the high seas. 287: 281–285
 Johnson CR, see Valentine JP (2005) 285:43–55
 Johnson ZI (2004) Description and application of the background irradiance gradient-single turnover fluorometer (BIG-STf). 283:73–80
 Joly P, see Maps F et al. (2005) 285:117–128
 Jónasdóttir S, see Paffenhöfer GA et al. (2005) 286:293–305
 Jones EG, see Bearce DJ et al. (2004) 284:269–278
 Jones MB, see Roast SD et al. (2004) 281:145–154
 Jones R, see Green J et al. (2004) 283:255–268
 Jones RJ (2004) Testing the ‘photoinhibition’ model of coral bleaching using chemical inhibitors. 284:133–145
 Jones RJ, Bowyer J, Hoegh-Guldberg O, Blackall LL (2004) Dynamics of a temperature-related coral disease outbreak. 281:63–77
 Jonsson LG, Nilsson PG, Floruta F, Lundälv T (2004) Distributional patterns of macro- and megafauna associated with a reef of the cold-water coral *Lophelia pertusa* on the Swedish west coast. 284:163–171
 Josephson E, see Reeves RR et al. (2004) 282:295–305
 Judge ML, see O’Connor NJ (2004) 282:229–236
 Jung S, Houde ED (2004) Production of bay anchovy *Anchoa*

- mitchilli* in Chesapeake Bay: application of size-based theory. 281:217–232
 Juniper SK, see Levesque C et al. (2005) 289:43–52
 Juste J, see Arrizabalaga H et al. (2004) 282:245–252

K

- Karaiskou N, Triantafyllidis A, Triantaphyllidis C (2004) Shallow genetic structure of three species of the genus *Trachurus* in European waters. 281:193–205
 Karakassis I, see Machias A et al. (2005) 288:241–250
 Kauppila P, Weckström K, Vaalgamaa S, Korhola A, Pitkänen H, Reuss N, Drew S (2005) Tracing pollution and recovery using sediments in an urban estuary, northern Baltic Sea: are we far from ecological reference conditions? 290: 35–53
 Kautsky L, see Råberg S et al. (2005) 289:131–139
 Kavanagh KD (2005) Boom-or-bust growth in coral reef lagoons. 286:307–310
 Kawaguchi K, see Takahashi K (2004) 283:219–231
 Keiper CA, Ainley DG, Allen SG, Harvey JT (2005) Marine mammal occurrence and ocean climate off central California, 1986 to 1994 and 1997 to 1999. 289:285–306
 Kendrick GA, Duarte CM, Marbà N (2005) Clonality in seagrasses, emergent properties and seagrass landscapes. 290:291–296
 Kieber DJ, see Xie H et al. (2005) 290:1–14
 Kienzle M, see Beare DJ et al. (2004) 284:269–278
 Kikuchi T, see Fujiki T et al. (2004) 283:29–38
 Kimball ME, Miller JM, Whitfield PE, Hare JA (2004) Thermal tolerance and potential distribution of invasive lionfish (*Pterois volitans/miles* complex) on the east coast of the United States. 283:269–278
 King C, see Brown-Peterson NJ et al. (2005) 286:203–215
 King CK, Simpson SL, Smith SV, Stauber JL, Batley GE (2005) Short-term accumulation of Cd and Cu from water, sediment and algae by the amphipod *Melita plumulosa* and the bivalve *Tellina deltoidalis*. 287:177–188
 Kinne O (2005) 25 Years Inter-Research 1979–2004. 285:1–2
 Kinney EL, see Baines SB et al. (2005) 289:201–213
 Klein J, Ruitton S, Verlaque M, Boudouresque CF (2005) Species introductions, diversity and disturbances in marine macrophyte assemblages of the northwestern Mediterranean Sea. 290:79–88
 Kleppel GS, see Paffenhöfer GA et al. (2005) 286:293–305
 Knust R, see Jacob U et al. (2005) 287:251–253
 Koehler A, see Luedeking A et al. (2005) 286:167–175
 Kojima S, see Watanabe H et al. (2005) 288:233–240
 Kopp BS, see Neckles HA et al. (2005) 285:57–73
 Korhola A, see Kauppila P et al. (2005) 290:35–53
 Kotaki Y, see Lundholm N et al. (2005) 288:21–33
 Kovacs KM, see Grahl-Nielsen O et al. (2004) 281:303–306
 Krautz MC, see Hückstädt LA (2004) 282:285–294
 Kristensen E, see Papaspyrou S et al. (2004) 281:165–179
 Krockenberger AK, see Peck DR et al. (2004) 281:259–266
 Kromkamp JC, see Forster RM (2004) 284:9–22
 Kröncke I, Stoeck T, Wieking G, Palojärvi A (2004) Relationship between structural and functional aspects of microbial and macrofaunal communities in different areas of the North Sea. 282:13–31
 Kroon FJ (2005) Behavioural avoidance of acidified water by juveniles of four commercial fish and prawn species with migratory life stages. 285:193–204
 Kulkiński P, see Barnes DKA (2005) 285:75–87
 Kulkarni NR, White DL, Lewitus AJ, Tymowski RG, Yoch DC (2005) Dimethylsulfoniopropionate in a salt marsh estuary:

- correlation to tidal cycle and phytoplankton assemblage composition. 289:13–25
 Kvitek RG, see Conlan KE (2005) 286:21–42
 Kyo M, see Watanabe H et al. (2005) 288:233–240

L

- LaBarbera M, see Sherrard KM (2005) 287:127–138
 LaBarbera M, see Sherrard KM (2005) 287:139–148
 Lacroix G, see Lancelot C et al. (2005) 289:63–78
 Lafferty KD, see Behrens MD (2004) 281:307
 Lages BG, see Weidner K et al. (2004) 283:113–125
 Lagos NA, Navarrete SA, Véliz F, Masuero A, Castilla JC (2005) Meso-scale spatial variation in settlement and recruitment of intertidal barnacles along the coast of central Chile. 290:165–178
 LaJeunesse TC, Bhagooli R, Hidaka M, deVantier L, Done T, Schmidt GW, Fitt WK, Hoegh-Guldberg O (2004) Closely related *Symbiodinium* spp. differ in relative dominance in coral reef host communities across environmental, latitudinal and biogeographic gradients. 284:147–161
 Lam C, Harder T, Qian PY (2005) Induction of larval settlement in the polychaete *Hydroïdes elegans* by extracellular polymers of benthic diatoms. 286:145–154
 Lampert W, see Paffenhöfer GA et al. (2005) 286:293–305
 Lampitt RS, see Castellani C et al. (2005) 285:129–135
 Lampitt RS, see Castellani C et al. (2005) 288:173–182
 Lampitt RS, see Hudson IR et al. (2004) 281:109–120
 Lancelot C, Spitz Y, Gypens N, Ruddick K, Becquevort S, Rousseau V, Lacroix G, Billen G (2005) Modelling diatom and *Phaeocystis* blooms and nutrient cycles in the Southern Bight of the North Sea: the MIRO model. 289:63–78
 Lapid ED, Wielgus J, Chadwick-Furman NE (2004) Sweeper tentacles of the brain coral *Platygyra daedalea*: induced development and effects on competitors. 282:161–171
 Lapolla A, Buckley LJ (2005) Hatch date distributions of young-of-year haddock *Melanogrammus aeglefinus* in the Gulf of Maine/Georges Bank region: implications for recruitment. 290:239–249
 Larkin P, see Brown-Peterson NJ et al. (2005) 286:203–215
 Larsson U, see Höglander H et al. (2004) 283:15–27
 Lavender S, see Barlow RG et al. (2004) 281:13–26
 Lavery PS, see Young EB et al. (2005) 288:103–114
 Le Bris N, see Zbinden M et al. (2004) 284:237–251
 Le Corre M, see Weimerskirch H et al. (2005) 288:251–261
 Lee RF, see Paffenhöfer GA et al. (2005) 286:293–305
 Lee SH, Schell DM, McDonald TL, Richardson WJ (2005) Regional and seasonal feeding by bowhead whales *Balaena mysticetus* as indicated by stable isotope ratios. 285:271–287
 Leite FPP, see Turra A et al. (2005) 286:279–291
 Lejeusne C, Chevaldonné P (2005) Population structure and life history of *Hemimysis margalefi* (Crustacea: Mysidae), a 'thermophilic' cave-dwelling species benefiting from the warming of the NW Mediterranean. 287:189–199
 Le Maho Y, see Bost CA et al. (2004) 283:293–297
 Leu Y, see Soong K (2005) 286:107–114
 Levesque C, Limén H, Juniper SK (2005) Origin, composition and nutritional quality of particulate matter at deep-sea hydrothermal vents on Axial Volcano, NE Pacific. 289:43–52
 Lewitus AJ, see Kulkarni NR et al. (2005) 289:13–25
 Leys SP, Wilson K, Holeton C, Reiswig HM, Austin WC, Tunnicliffe V (2004) Patterns of glass sponge (Porifera, Hexactinellida) distribution in coastal waters of British Columbia, Canada. 283:133–149

- Li RX, see Liu SM et al. (2005) 290:15–26
 Li S, see Wang G et al. (2005) 288:165–171
 Limén H, see Levesque C et al. (2005) 289:43–52
 Lipcius RN, see Gascoigne J (2004) 284:185–194
 Litaker RW, see Sunda WG et al. (2005) 287:11–22
 Litvak MK, see Rideout RM et al. (2005) 285:169–180
 Liu H, Dagg MJ, Wu CJ, Chiang KP (2005) Mesozooplankton consumption of microplankton in the Mississippi River plume, with special emphasis on planktonic ciliates. 286:133–144
 Liu SM, Zhang J, Li RX (2005) Ecological significance of biogenic silica in the East China Sea. 290:15–26
 Lonergan M, see Pomeroy PP et al. (2005) 287:241–250
 Lonsdale DJ, see Cerrato RM et al. (2004) 281:93–108
 López-Rodas V, see Arrizabalaga H et al. (2004) 282:245–252
 Lorance P, see Trenkel VM et al. (2004) 284:293–303
 Loureiro M, see Rodríguez-Graña L et al. (2005) 290:119–134
 Lourie SA, see Teske PR et al. (2005) 286:249–260
 Loya Y, see Nozawa Y (2005) 286:115–123
 Lucifora LO, Menni RC, Escalante AH (2005) Reproduction, abundance and feeding habits of the broadnose sevengill shark *Notorynchus cepedianus* in north Patagonia, Argentina. 289:237–244
 Luedeking A, Van Noorden CJF, Koehler A (2005) Identification and characterisation of a multidrug resistance-related protein mRNA in the blue mussel *Mytilus edulis*. 286:167–175
 Lundälv T, see Jonsson LG et al. (2004) 284:163–171
 Lundholm N, Hansen PJ, Kotaki Y (2005) Lack of allelopathic effects of the domoic acid-producing marine diatom *Pseudo-nitzschia multiseries*. 288:21–33
 Luschi P, see Hays GC et al. (2004) 283:299–300
 Lydersen C, see Grahl-Nielsen O et al. (2004) 281:303–306
 Lye CM, Bentley MG, Clare AS, Sefton EM (2005) Endocrine disruption in the shore crab *Carcinus maenas*—a biomarker for benthic marine invertebrates? 288:221–232
 Lynn E, see Hyde JR et al. (2005) 286:269–277

M

- MacDonald BA, see McKee MP et al. (2005) 288:141–149
 Machias A, Karakassis I, Giannoulaki M, Papadopoulou KN, Smith CJ, Somarakis S (2005) Response of demersal fish communities to the presence of fish farms. 288:241–250
 Macpherson E, see Raventos N (2005) 285:205–211
 MacQuarrie SP, see Bricelj VM et al. (2004) 282:101–114
 Mahévas S, see Trenkel VM et al. (2004) 284:293–303
 Mann DA, see Egner SA (2005) 285:213–222
 Manning S, see Brown-Peterson NJ et al. (2005) 286:203–215
 Maps F, Runge JA, Zakardjian B, Joly P (2005) Egg production and hatching success of *Temora longicornis* (Copepoda, Calanoida) in the southern Gulf of St. Lawrence. 285:117–128
 Marbà N, see Kendrick GA et al. (2005) 290:291–296
 Marchetti A, Trainer VL, Harrison PJ (2004) Environmental conditions and phytoplankton dynamics associated with *Pseudo-nitzschia* abundance and domoic acid in the Juan de Fuca eddy. 281:1–12
 Marcoval MA, see Villafañe VE et al. (2004) 284:23–34
 Marin MG, see Matozzo V (2005) 285:97–106
 Marinovic B, see Croll DA et al. (2005) 289:117–130
 Marques JC, see Cardoso PG et al. (2005) 289:191–199
 Marsac F, see Weimerskirch H et al. (2005) 288:251–261
 Martí R, Uriz MJ, Turon X (2004) Seasonal and spatial variation of species toxicity in Mediterranean seaweed communities: correlation to biotic and abiotic factors. 282:73–85

- Martínez EA, see Faugeron S et al. (2005) 288:129–140
- Masuero A, see Lagos NA et al. (2005) 290:165–178
- Matozzo V, Marin MG (2005) 4-Nonylphenol induces immunomodulation and apoptotic events in the clam *Tapes philippinarum*. 285:97–106
- Matthee CA, see Teske PR et al. (2005) 286:249–260
- Mayzaud P, see Connan M et al. (2005) 290:277–290
- Mazza S, see Paffenhöfer GA et al. (2005) 286:293–305
- Mazzocchi MG, see Paffenhöfer GA et al. (2005) 286:293–305
- McAlpine CA, see Pittman SJ et al. (2004) 283:233–254
- McCarthy DA, Young CM (2004) Effects of water-borne gametes on the aggregation behavior of *Lytechinus variegatus*. 283:191–198
- McCormick MI, see Berumen ML et al. (2005) 287:217–227
- McCormick MI, see Green BS (2005) 289:263–272
- McDonald TL, see Lee SH et al. (2005) 285:271–287
- McKee MP, Ward JE, MacDonald BA, Holohan BA (2005) Production of transparent exopolymer particles (TEP) by the eastern oyster *Crassostrea virginica*. 288:141–149
- McKenzie E, see Beare DJ et al. (2004) 284:269–278
- McLay CL, see Brockerhoff AM (2005) 290:179–191
- McMahon CR, Hindell MA, Burton HR, Bester MN (2005) Comparison of southern elephant seal populations, and observations of a population on a demographic knife-edge. 288:273–283
- McQuoid MR (2005) Influence of salinity on seasonal germination of resting stages and composition of microplankton on the Swedish west coast. 289:151–163
- Mead KS (2005) Reception before perception: how fluid flow affects odor signal encounter by olfactory sensors. 287: 285–289
- Meekan MG, see Simpson SD et al. (2005) 287:201–208
- Menni RC, see Lucifora LO et al. (2005) 289:237–244
- Michel C, see Caron G et al. (2004) 283:1–13
- Middelboe AL, see Binzer T (2005) 287:65–75
- Milchakova N, see Coyer JA et al. (2004) 281:51–62
- Miller AK, Sydeman WJ (2004) Rockfish response to low-frequency ocean climate change as revealed by the diet of a marine bird over multiple time scales. 281:207–216
- Miller JM, see Kimball ME et al. (2004) 283:269–278
- Miller JM, see Necaise AMD et al. (2005) 285:157–168
- Milligan SP, see Heffernan OA et al. (2004) 284:279–291
- Mintenbeck K, see Jacob U et al. (2005) 287:251–253
- Miralto A, see Paffenhöfer GA et al. (2005) 286:293–305
- Mitani Y, Watanabe Y, Sato K, Cameron MF, Naito Y (2004) 3D diving behavior of Weddell seals with respect to prey accessibility and abundance. 281:275–281
- Mitchell JG, see Seymour JR et al. (2005) 288:1–8
- Mogdans J (2005) Adaptations of the fish lateral line for the analysis of hydrodynamic stimuli. 287:289–292
- Moksnes PO (2004) Interference competition for space in nursery habitats: density-dependent effects on growth and dispersal in juvenile shore crabs *Carcinus maenas*. 281:181–191
- Molina V, Farías L, Eissler Y, Cuevas LA, Morales CE, Escribano R (2005) Ammonium cycling under a strong oxygen gradient associated with the Oxygen Minimum Zone off northern Chile (~23°S). 288:35–43
- Molis M, see Weidner K et al. (2004) 283:113–125
- Montes-Hugo M, see Ibarra-Obando SE et al. (2004) 283: 99–112
- Montevecchi WA, see Davoren GK (2005) 285:299–309
- Moore GF, see Barlow RG et al. (2004) 281:13–26
- Morales CE, see Molina V et al. (2005) 288:35–43
- Mouriño B, Fernández E, Pingree R, Sinha B, Escámez J, de Armas D (2005) Constraining effect of mesoscale features on carbon budget of photic layer in the NE subtropical Atlantic. 287:45–52
- Mouritsen KN, see Fredensborg BL et al. (2005) 290:109–117
- Muller-Karger FE, see Andréfouët S et al. (2004) 283:161–177
- Müller-Navarra D, see Paffenhöfer GA et al. (2005) 286: 293–305
- Munday PL, see Hernaman V (2005) 290:207–221
- Munday PL, see Hernaman V (2005) 290:223–237
- Musyl M, see Hyde JR et al. (2005) 286:269–277

N

- Naito Y, see Mitani Y et al. (2004) 281:275–281
- Nakaoka M, see Tanaka Y (2004) 284:117–131
- Navarrete SA, see Lagos NA et al. (2005) 290:165–178
- Necaise AMD, Ross SW, Miller JM (2005) Estuarine habitat evaluation measured by growth of juvenile summer flounder *Paralichthys dentatus* in a North Carolina estuary. 285:157–168
- Neckles HA, Short FT, Barker S, Kopp BS (2005) Disturbance of eelgrass *Zostera marina* by commercial mussel *Mytilus edulis* harvesting in Maine: dragging impacts and habitat recovery. 285:57–73
- Nejstgaard JC, see Paffenhöfer GA et al. (2005) 286:293–305
- Nemeth RS (2005) Population characteristics of a recovering US Virgin Islands red hind spawning aggregation following protection. 286:81–97
- Netto SA, see Gallucci F (2004) 281:79–92
- Nevitt GA, Bonadonna F (2005) Seeing the world through the nose of a bird: new developments in the sensory ecology of procellariiform seabirds. 287:292–295
- Nichols WJ, see Hays GC et al. (2004) 283:299–300
- Niehoff B, Hirche HJ (2005) Reproduction of *Calanus glacialis* in the Lurefjord (western Norway): indication for temperature-induced female dormancy. 285:107–115
- Nieto B, see Arrizabalaga H et al. (2004) 282:245–252
- Nieto-Cid M, Álvarez-Salgado XA, Brea S, Pérez FF (2004) Cycling of dissolved and particulate carbohydrates in a coastal upwelling system (NW Iberian Peninsula). 283: 39–54
- Nilsson GE, see Östlund-Nilsson S et al. (2005) 287:209–216
- Nilsson PG, see Jonsson LG et al. (2004) 284:163–171
- Nixon SW, see Harris LA et al. (2004) 281:233–239
- Noel MR, see Cerco CF (2004) 282:45–58
- Norkko A, see Gibbs M et al. (2005) 288:151–164
- Nozawa Y, Loya Y (2005) Genetic relationship and maturity state of the allorecognition system affect contact reactions in juvenile *Seriatopora* corals. 286:115–123

O

- O'Connor M, see Wonham MJ et al. (2005) 289:109–116
- O'Connor NJ, Judge ML (2004) Molting of fiddler crab *Uca minax* megalopae: stimulatory cues are specific to salt marshes. 282:229–236
- Ohtsuka S, Hora M, Suzuki T, Arikawa M, Omura G, Yamada K (2004) Morphology and host-specificity of the apostome ciliate *Vampyrophrya pelagica* infecting pelagic copepods in the Seto Inland Sea, Japan. 282:129–142
- Olsen JL, see Coyer JA et al. (2004) 281:51–62
- Olsen JL, see Diekmann OE et al. (2005) 290:89–96
- Omura G, see Ohtsuka S et al. (2004) 282:129–142
- Orvain F (2005) A model of sediment transport under the influence of surface bioturbation: generalisation to the facultative suspension-feeder *Scrobicularia plana*. 286:43–56
- Östlund-Nilsson S, Curtis L, Nilsson GE, Grutter AS (2005)

Parasitic isopod *Anilocra apogonae*, a drag for the cardinal fish *Cheilodipterus quinquefasciatus*. 287:209–216

P

- Paffenhofer GA, Ianora A, Miraldo A, Turner JT, Kleppel GS, d'Alcalà MR, Casotti R, Caldwell GS, Pohnert G, Fontana A, Müller-Navarra D, Jónasdóttir S, Armbrust V, Båmstedt U, Bar S, Bentley MG, Boersma M, Bundy M, Buttino I, Calbet A, Carlotti F, Carotenuto Y, d'Ippolito G, Frost B, Guisande C, Lampert W, Lee RF, Mazza S, Mazzocchi MG, Nejstgaard JC, Poulet SA, Romano G, Smetacek V, Uye S, Wakeham S, Watson S, Wichtard T (2005) Colloquium on diatom–copepod interactions. 286:293–305
- Pahlow M (2005) Linking chlorophyll–nutrient dynamics to the Red?eld N:C ratio with a model of optimal phytoplankton growth. 287:33–43
- Palojärvi A, see Kröncke I et al. (2004) 282:13–31
- Palsbøll PJ, see Teske PR et al. (2005) 286:249–260
- Papadopoulou KN, see Machias A et al. (2005) 288:241–250
- Papaspyrou S, Thessalou-Legaki M, Kristensen E (2004) Impact of *Pestarella tyrrhena* on benthic metabolism in sediment microcosms enriched with seagrass and macroalgal detritus. 281:165–179
- Papetti C, Zane L, Bortolotto E, Bucklin A, Patarnello T (2005) Genetic differentiation and local temporal stability of population structure in the euphausiid *Meganyctiphanes norvegica*. 289:225–235
- Pardal MA, see Cardoso PG et al. (2005) 289:191–199
- Parker D, see Chaloupka M et al. (2004) 283:301–302
- Parrish CC, Thompson RJ, Deibel D (2005) Lipid classes and fatty acids in plankton and settling matter during the spring bloom in a cold ocean coastal environment. 286: 57–68
- Patarnello T, see Papetti C et al. (2005) 289:225–235
- Patten N, see Seymour JR et al. (2005) 288:1–8
- Payri C, see Andréfouët S et al. (2004) 283:161–177
- Peach K, see Beare DJ et al. (2004) 284:269–278
- Pearson GA, see Coyer JA et al. (2004) 281:51–62
- Pearson GA, see Diekmann OE et al. (2005) 290:89–96
- Peck DR, Smithers BV, Krockenberger AK, Congdon BC (2004) Sea surface temperature constrains wedge-tailed shearwater foraging success within breeding seasons. 281:259–266
- Peckol P, see Robbart ML et al. (2004) 283:150–160
- Pereira RC, see Weidner K et al. (2004) 283:113–125
- Pérez FF, see Nieto-Cid M et al. (2004) 283:39–54
- Petersen D, Van Moorsel GWNM (2005) Pre-planular external development in the brooding coral *Agaricia humilis*. 289: 307–310
- Phalan B, see Barnes DKA et al. (2004) 284:305–310
- Phillips RA, Silk JRD, Croxall JP (2005) Foraging and provisioning strategies of the light-mantled sooty albatross at South Georgia: competition and co-existence with sympatric pelagic predators. 285:259–270
- Piatt JF, see Abookire AA (2005) 287:229–240
- Pickmere S, see Gibbs M et al. (2005) 288:151–164
- Pilditch CA, see Giles H (2004) 282:205–219
- Pinchuk AI, see Hopcroft RR et al. (2005) 286:193–201
- Pingree R, see Mouríño B et al. (2005) 287:45–52
- Pitkänen H, see Kauppila P et al. (2005) 290:35–53
- Pittman KM, see Pittman SJ et al. (2004) 283:233–254
- Pittman SJ, McAlpine CA, Pittman KM (2004) Linking fish and prawns to their environment: a hierarchical landscape approach. 283:233–254
- Plathner N, see Schmidt K et al. (2004) 281:131–143

Pluvinage S, see Falcón LI et al. (2005) 285:3–9

Pohnert G, see Paffenhofer GA et al. (2005) 286:293–305

Pomeroy PP, Hammond JA, Hall AJ, Lonergan M, Duck CD, Smith VJ, Thompson H (2005) Morbillivirus neutralising antibodies in Scottish grey seals *Halichoerus grypus*: assessing the effects of the 1988 and 2002 PDV epizootics. 287:241–250

Pond DW, see Hudson IR et al. (2004) 281:109–120

Pope N, see Roast SD et al. (2004) 281:145–154

Poulet SA, see Paffenhofer GA et al. (2005) 286:293–305

Poulin R, see Fredensborg BL et al. (2005) 290:109–117

Poumian-Tapia M, see Ibarra-Obando SE et al. (2004) 283:99–112

Pratchett MS, see Berumen ML et al. (2005) 287:217–227

Procaccini G, see Coyer JA et al. (2004) 281:51–62

Purkis SJ, Riegl B (2005) Spatial and temporal dynamics of Arabian Gulf coral assemblages quantified from remote-sensing and *in situ* monitoring data. 287:99–113

Q

Qian PY, see Dobretsov SV et al. (2005) 290:55–65

Qian PY, see Lam C et al. (2005) 286:145–154

Qian PY, see Xie ZC et al. (2005) 285:89–96

Qiu JW, see Xie ZC et al. (2005) 285:89–96

Quijón PA, Snelgrove PVR (2005) Differential regulatory roles of crustacean predators in a sub-arctic, soft-sediment system. 285:137–149

R

Råberg S, Berger-Jönsson R, Björn A, Granéli E, Kautsky L (2005) Effects of *Pilayella littoralis* on *Fucus vesiculosus* recruitment: implications for community composition. 289: 131–139

Racca RG, see Galbraith PS et al. (2004) 281:241–257

Raffaelli D, see Cardoso PG et al. (2005) 289:191–199

Rainbow PS, Black WH (2005) Physicochemistry or physiology: cadmium uptake and effects of salinity and osmolality in three crabs of different ecologies. 286:217–229

Ralph PJ, see Ulstrup KE et al. (2005) 286:125–132

Ratkowsky DA, see Hernandez-Llamas A (2004) 282:237–244

Raventos N, Macpherson E (2005) Effect of pelagic larval growth and size-at-hatching on post-settlement survivorship in two temperate labrid fish of the genus *Sympodus*. 285:205–211

Raymond JF, Himmelman JH, Guderley HE (2004) Sex differences in biochemical composition, energy content and allocation to reproductive effort in the brooding sea star *Leptasterias polaris*. 283:179–190

Readman JW, see Devilla RA et al. (2005) 286:1–12

Reeves RR, Josephson E, Smith TD (2004) Putative historical occurrence of North Atlantic right whales in mid-latitude offshore waters: 'Maury's Smear' is likely apocryphal. 282:295–305

Reid DG, see Beare DJ et al. (2004) 284:269–278

Reid K, see Barnes DKA et al. (2004) 284:305–310

Reiswig HM, see Leys SP et al. (2004) 283:133–149

Reuss N, see Kauppila P et al. (2005) 290:35–53

Richard C, see Houibrèque F et al. (2004) 282:151–160

Richard P, see Herlory O et al. (2004) 282:33–44

Richardson DE, Cowen RK (2004) Diversity of leptocephalus larvae around the island of Barbados (West Indies): relevance to regional distributions. 282:271–284

Richardson WJ, see Lee SH et al. (2005) 285:271–287

- Riddle MJ, see Thompson BAW (2005) 290:135–143
- Rideout RM, Trippel EA, Litvak MK (2005) Effects of egg size, food supply and spawning time on early life history success of haddock *Melanogrammus aeglefinus*. 285:169–180
- Riegl B, see Purkis SJ (2005) 287:99–113
- Rilov G, Benayahu Y, Gasith A (2004) Life on the edge: do biomechanical and behavioral adaptations to wave-exposure correlate with habitat partitioning in predatory whelks? 282:193–204
- Roast SD, Widdows J, Pope N, Jones MB (2004) Sediment–biota interactions: mysid feeding activity enhances water turbidity and sediment erodability. 281: 145–154
- Robbart ML, Peckol P, Scordilis SP, Curran HA, Brown-Saracino J (2004) Population recovery and differential heat shock protein expression for the corals *Agaricia agaricites* and *A. tenuifolia* in Belize. 283:150–160
- Robbins BD, Bell SS (2004) Relationships between a hermit crab and its shell resource: spatial patterns within a seagrass-dominated landscape. 282:221–227
- Robblee MB, see Ciales MM et al. (2005) 286:231–238
- Roberson LM, Coyer JA (2004) Variation in blade morphology of the kelp *Eisenia arborea*: incipient speciation due to local water motion? 282:115–128
- Robinson C, see Castellani C et al. (2005) 285:129–135
- Rochet MJ, see Trenkel VM et al. (2004) 284:293–303
- Rochette R, see Drolet D et al. (2004) 284:163–171
- Rodríguez LF, see Hughes AR et al. (2004) 282:87–99
- Rodríguez-Graña L, Castro L, Loureiro M, González HE, Calliari D (2005) Feeding ecology of dominant larval myctophids in an upwelling area of the Humboldt Current. 290:119–134
- Roleda MY, van de Poll WH, Hanelt D, Wiencke C (2004) PAR and UVBR effects on photosynthesis, viability, growth and DNA in different life stages of two coexisting Gigartinales: implications for recruitment and zonation pattern. 281: 37–50
- Romano G, see Paffenhöfer GA et al. (2005) 286:293–305
- Romero J, see Tomas F et al. (2004) 282:173–184
- Romero J, see Tomas F et al. (2005) 287:115–125
- Rooper CN, Zimmermann M, Spencer PD (2005) Using ecologically based relationships to predict distribution of flathead sole *Hippoglossoides elassodon* in the eastern Bering Sea. 290:251–262
- Ropert-Coudert Y, see Bost CA et al. (2004) 283:293–297
- Rose JM, see Cerrato RM et al. (2004) 281:93–108
- Ross SW, see Neceaise AMD et al. (2005) 285:157–168
- Rousseau V, see Lancelot C et al. (2005) 289:63–78
- Rowden AA, see Hernández Arana HA et al. (2005) 289: 89–107
- Ruddick K, see Lancelot C et al. (2005) 289:63–78
- Ruitton S, see Klein J et al. (2005) 290:79–88
- Ruiz GM, see Smith NF (2004) 284:195–209
- Ruiz JM (2004) Oil spills versus shifting baselines. 282: 307–309
- Ruiz JM, Barreiro R, González JJ (2005) Biomonitoring organotin pollution with gastropods and mussels. 287:169–176
- Rule MJ, Smith SDA (2005) Spatial variation in the recruitment of benthic assemblages to artificial substrata. 290: 67–78
- Runge JA, see Maps F et al. (2005) 285:117–128
- Russell BD, Connell SD (2005) A novel interaction between nutrients and grazers alters relative dominance of marine habitats. 289:5–11
- Ryan JP, Chavez FP, Bellingham JG (2005) Physical–biological coupling in Monterey Bay, California: topographic influences on phytoplankton ecology. 287:23–32
- Saage A, see Sommer F et al. (2005) 286:99–106
- Saint-Pierre JF, see Galbraith PS et al. (2004) 281:241–257
- Sanchez-Jerez P, see Tuya F et al. (2005) 287:255–260
- Santer B, see Sommer F et al. (2005) 286:99–106
- Santos M, see Teske PR et al. (2005) 286:249–260
- Sato K, see Mitani Y et al. (2004) 281:275–281
- Schaffner RA, see Cerrato RM et al. (2004) 281:93–108
- Schell DM, see Lee SH et al. (2005) 285:271–287
- Schell DM, see Zhao L (2004) 281:267–273
- Schiel DR, see Taylor DI (2005) 288:87–102
- Schmidt GW, see LaJeunesse TC (2004) 284:147–161
- Schmidt K, Tarling GA, Plathner N, Atkinson A (2004) Moult cycle-related changes in feeding rates of larval krill *Meganyctiphanes norvegica* and *Thysanoessa* spp. 281:131–143
- Schmitt FG, see Seuront L et al. (2004) 283:199–217
- Schwemmer P, Garthe S (2005) At-sea distribution and behaviour of a surface-feeding seabird, the lesser black-backed gull *Larus fuscus*, and its association with different prey. 285:245–258
- Scordilis SP, see Robbart ML et al. (2004) 283:150–160
- Sedlacek L, see Thistle D et al. (2005) 289:1–4
- Sefton EM, see Lye CM et al. (2005) 288:221–232
- Selck H, see Granberg ME et al. (2005) 288:59–74
- Semmens JM, Jackson GD (2005) Evaluation of biochemical indices for assessing growth and condition of the deep-water squid *Moroteuthis ingens*. 289:215–223
- Serrão EA, see Coyer JA et al. (2004) 281:51–62
- Serrão EA, see Diekmann OE et al. (2005) 290:89–96
- Seuront L, Hwang JS, Tseng LC, Schmitt FG, Souissi S, Wong CK (2004) Individual variability in the swimming behavior of the sub-tropical copepod *Oncaea venusta* (Copepoda: Poecilostomatida). 283:199–217
- Seymour JR, Patten N, Bourne DG, Mitchell JG (2005) Spatial dynamics of virus-like particles and heterotrophic bacteria within a shallow coral reef system. 288:1–8
- Shackley SE, see Smith J (2004) 282:185–191
- Shashar N, see Belmaker J et al. (2005) 289:273–283
- Sherrard KM, LaBarbera M (2005) Form and function in juvenile ascidians. I. Implications of early juvenile morphologies for performance. 287:127–138
- Sherrard KM, LaBarbera M (2005) Form and function in juvenile ascidians. II. Ontogenetic scaling of volumetric flow rates. 287:139–148
- Short FT, see Neckles HA et al. (2005) 285:57–73
- Siebert U, see Das K et al. (2004) 281:283–295
- Silk JRD, see Phillips RA et al. (2005) 285:259–270
- Simard Y, see Cotté C (2005) 288:199–210
- Simpson JH, see Tweddle JF et al. (2005) 289:79–88
- Simpson SD, Yan HY, Wittenrich ML, Meekan MG (2005) Response of embryonic coral reef fishes (Pomacentridae: *Amphiprion* spp.) to noise. 287:201–208
- Simpson SL, see King CK et al. (2005) 287:177–188
- Sinha B, see Mourão B et al. (2005) 287:45–52
- Skiftesvik AB, see Galbraith PS et al. (2004) 281:241–257
- Slaughter AM, see Dorman JG et al. (2005) 288:183–198
- Smetacek V, see Paffenhöfer GA et al. (2005) 286:293–305
- Smith CJ, see Machias A et al. (2005) 288:241–250
- Smith J, Shackley SE (2004) Effects of a commercial mussel *Mytilus edulis* lay on a sublittoral, soft sediment benthic community. 282:185–191
- Smith NF, Ruiz GM (2004) Phenotypic plasticity in the life history of the mangrove snail *Cerithidea scalariformis*. 284: 195–209
- Smith SDA, see Rule MJ (2005) 290:67–78
- Smith SV, see Ibarra-Obando SE et al. (2004) 283:99–112

S

- Smith SV, see King CK et al. (2005) 287:177–188
- Smith T, see Castellani C et al. (2005) 285:129–135
- Smith TD, see Reeves RR et al. (2004) 282:295–305
- Smith VJ, see Pomeroy PP et al. (2005) 287:241–250
- Smithers BV, see Peck DR et al. (2004) 281:259–266
- Smolowitz R, see Bricelj VM et al. (2004) 282:101–114
- Snelgrove PVR, see Quijón PA (2005) 285:137–149
- Somarakis S, see Machias A et al. (2005) 288:241–250
- Sommer F, Saage A, Santer B, Hansen T, Sommer U (2005) Linking foraging strategies of marine calanoid copepods to patterns of nitrogen stable isotope signatures in a mesocosm study. 286:99–106
- Sommer U, see Sommer F et al. (2005) 286:99–106
- Soong K, Leu Y (2005) Adaptive mechanism of the bimodal emergence dates in the intertidal midge *Pontomyia oceana*. 286:107–114
- Souissi S, see Seuront L et al. (2004) 283:199–217
- Spencer PD, see Rooper CN et al. (2005) 290:251–262
- Spitz Y, see Lancelot C et al. (2005) 289:63–78
- Sreepada A, see Teske PR et al. (2005) 286:249–260
- Stabenau ER, Zapp RG, Bartels E, Zika RG (2004) Role of the seagrass *Thalassia testudinum* as a source of chromophoric dissolved organic matter in coastal south Florida. 282:59–72
- Stam WT, see Coyer JA et al. (2004) 281:51–62
- Stam WT, see Diekmann OE et al. (2005) 290:89–96
- Staton JL, see Behum ME et al. (2005) 288:211–220
- Stauber JL, see King CK et al. (2005) 287:177–188
- Stefels J, see van Leeuwe MA et al. (2005) 288:9–19
- Stewart GM, Fowler SW, Teyssié JL, Cotret O, Cochran JK, Fisher NS (2005) Contrasting transfer of polonium-210 and lead-210 across three trophic levels in marine plankton. 290:27–33
- Stien A, Bjørn PA, Heuch PA, Elston DA (2005) Population dynamics of salmon lice *Lepeophtheirus salmonis* on Atlantic salmon and sea trout. 290:263–275
- Stoeck T, see Kröncke I et al. (2004) 282:13–31
- Suikkanen S, Fistarol GO, Granéli E (2005) Effects of cyanobacterial allelochemicals on a natural plankton community. 287:1–9
- Sunda WG, Litaker RW, Hardison DR, Tester PA (2005) Dimethylsulfoniopropionate (DMSP) and its relation to algal pigments in diverse waters of the Belize coastal lagoon and barrier reef system. 287:11–22
- Suzuki T, see Ohtsuka S et al. (2004) 282:129–142
- Syedeman WJ, see Miller AK (2004) 281:207–216
- Szmant AM, see Buckley BA (2004) 282:143–149
- T**
- Taguchi S, see Fujiki T et al. (2004) 283:29–38
- Takahashi K, Kawaguchi K (2004) Reproductive biology of the intertidal and infralittoral mysids *Archaeomysis kokuboi* and *A. japonica* on a sandy beach in NE Japan. 283:219–231
- Takahashi M, Watanabe Y (2004) Developmental and growth rates of Japanese anchovy *Engraulis japonicus* during metamorphosis in the Kuroshio-Oyashio transitional waters. 282:253–260
- Takai N, Yorozi A, Tanimoto T, Hoshika A, Yoshihara K (2004) Transport pathways of microphytobenthos-originating organic carbon in the food web of an exposed hard bottom shore in the Seto Inland Sea, Japan. 284:97–108
- Tambutté E, see Houlbrèque F et al. (2004) 282:151–160
- Tanaka Y, Nakaoka M (2004) Emergence stress and morphological constraints affect the species distribution and growth of subtropical intertidal seagrasses. 284:117–131
- Tang X, see Davis CS et al. (2004) 284:77–96
- Tanimoto T, see Takai N et al. (2004) 284:97–108
- Tarling GA, see Schmidt K et al. (2004) 281:131–143
- Tarran GA, see Devilla RA et al. (2005) 286:1–12
- Taylor DI, Schiel DR (2005) Self-replacement and community modification by the southern bull kelp *Durvillaea antarctica*. 288:87–102
- Taylor DL (2005) Predation on post-settlement winter flounder *Pseudopleuronectes americanus* by sand shrimp *Cragon septemspinosa* in NW Atlantic estuaries. 289:245–262
- Teo SLH, Boustany A, Blackwell S, Walli A, Weng KC, Block BA (2004) Validation of geolocation estimates based on light level and sea surface temperature from electronic tags. 283:81–98
- Terlizzi A, Benedetti-Cecchi L, Bevilacqua S, Fraschetti S, Guidetti P, Anderson MJ (2005) Multivariate and univariate asymmetrical analyses in environmental impact assessment: a case study of Mediterranean subtidal sessile assemblages. 289:27–42
- Ternullo R, see Croll DA et al. (2005) 289:117–130
- Tershy BR, see Croll DA et al. (2005) 289:117–130
- Teske PR, Hamilton H, Palsbøll PJ, Choo CK, Gabr H, Lourie SA, Santos M, Sreepada A, Cherry MI, Matthee CA (2005) Molecular evidence for long-distance colonization in an Indo-Pacific seahorse lineage. 286:249–260
- Tester PA, see Sunda WG et al. (2005) 287:11–22
- Teyssié JL, see Stewart GM et al. (2005) 290:27–33
- Thessalou-Legaki M, see Papaspyprou S et al. (2004) 281:165–179
- Thielgtes DW (2005) Impact of an invader: epizootic American slipper limpet *Crepidula fornicata* reduces survival and growth in European mussels. 286:13–19
- Thiemann GW, Budge SM, Bowen WD, Iverson SJ (2004) Comment on Grahl-Nielsen et al. (2003) 'Fatty acid composition of the adipose tissue of polar bears and of their prey: ringed seals, bearded seals and harp seals'. 281:297–301
- Thistle D, Carman KR, Sedlacek L, Brewer PG, Fleeger JW, Barry JP (2005) Deep-ocean, sediment-dwelling animals are sensitive to sequestered carbon dioxide. 289:1–4
- Thompson BAW, Riddle MJ (2005) Bioturbation behaviour of the spatangoid urchin *Abatus ingens* in Antarctic marine sediments. 290:135–143
- Thompson EM, see Troedsson C et al. (2005) 289:165–176
- Thompson H, see Pomeroy PP et al. (2005) 287:241–250
- Thompson RJ, see Parrish CC et al. (2005) 286:57–68
- Thornton DCO (2004) Formation of transparent exopolymeric particles (TEP) from macroalgal detritus. 282:1–12
- Tiselius P, see Tönnesson K (2005) 289:177–190
- Titelman J, Fiksen Ø (2004) Ontogenetic vertical distribution patterns in small copepods: field observations and model predictions. 284:49–63
- Toda T, see Fujiki T et al. (2004) 283:29–38
- Tomas F, Romero J, Turon X (2004) Settlement and recruitment of the sea urchin *Paracentrotus lividus* in two contrasting habitats in the Mediterranean. 282:173–184
- Tomas F, Turon X, Romero J (2005) Effects of herbivores on a *Posidonia oceanica* seagrass meadow: importance of epiphytes. 287:115–125
- Tönnesson K, Tiselius P (2005) Diet of the chaetognaths *Sagitta setosa* and *S. elegans* in relation to prey abundance and vertical distribution. 289:177–190
- Tracey DM, see Trenkel VM et al. (2004) 284:293–303
- Trainer VL, see Marchetti A et al. (2004) 281:1–12
- Trenkel VM, Francis RICC, Lorance P, Mahévas S, Rochet MJ, Tracey DM (2004) Availability of deep-water fish to

- trawling and visual observation from a remotely operated vehicle (ROV). 284:293–303
- Triantafyllidis A, see Karaikou N et al. (2004) 281:193–205
- Triantaphyllidis C, see Karaikou N et al. (2004) 281:193–205
- Trippel EA, see Rideout RM et al. (2005) 285:169–180
- Troedsson C, Grahl-Nielsen O, Thompson EM (2005) Variable fatty acid composition of the pelagic appendicularian *Oikopleura dioica* in response to dietary quality and quantity. 289:165–176
- Tseng LC, see Seuront L et al. (2004) 283:199–217
- Tsuchida S, see Watanabe H et al. (2005) 288:233–240
- Tsukamoto K, see Jellyman D (2005) 286:261–267
- Tunnicliffe V, see Leys SP et al. (2004) 283:133–149
- Turner JT, see Paffenhöfer GA et al. (2005) 286:293–305
- Turon X, see Martí R et al. (2004) 282:73–85
- Turon X, see Tomas F et al. (2004) 282:173–184
- Turon X, see Tomas F et al. (2005) 287:115–125
- Turra A, Denadai MR, Leite FPP (2005) Predation on gastropods by shell-breaking crabs: effects on shell availability to hermit crabs. 286:279–291
- Tuya F, Sanchez-Jerez P, Haroun RJ (2005) Influence of fishing and functional group of algae on sea urchin control of algal communities in the eastern Atlantic. 287:255–260
- Tweddle JF, Simpson JH, Janzen CD (2005) Physical controls of food supply to benthic filter feeders in the Menai Strait, UK. 289:79–88
- Tyler PA, see Hudson IR et al. (2004) 281:109–120
- Tymowski RG, see Kulkarni NR et al. (2005) 289:13–25

U

- Ugland KI, Gray JS (2004) Estimation of species richness: analysis of the methods developed by Chao and Karakasis. 284:1–8
- Ulstrup KE, Hill R, Ralph PJ (2005) Photosynthetic impact of hypoxia on *in hospite* zooxanthellae in the scleractinian coral *Pocillopora damicornis*. 286:125–132
- Umile TP, see Xie H et al. (2005) 290:1–14
- Underwood AJ, see Bulleri F et al. (2004) 281:121–129
- Uriz MJ, see Martí R et al. (2004) 282:73–85
- Uye S, see Paffenhöfer GA et al. (2005) 286:293–305

V

- Vaalgamaa S, see Kauppila P et al. (2005) 290:35–53
- Valentine JF, see Goecker ME et al. (2005) 286:239–248
- Valentine JP, Johnson CR (2005) Persistence of the exotic kelp *Undaria pinnatifida* does not depend on sea urchin grazing. 285:43–55
- van de Poll WH, see Roleda MY et al. (2004) 281:37–50
- van der Zwaan GJ, see Duijnstee IAP et al. (2005) 285:29–42
- van Elven B, see Young EB et al. (2005) 288:103–114
- van Leeuwe MA, van Sikkelerus B, Gieskes WWC, Stefels J (2005) Taxon-specific differences in photoacclimation to fluctuating irradiance in an Antarctic diatom and a green flagellate. 288:9–19
- Van Moorsel GWNM, see Petersen D (2005) 289:307–310
- Van Noorden CJF, see Luedeking A et al. (2005) 286:167–175
- van Sikkelerus B, see van Leeuwe MA et al. (2005) 288:9–19
- Véliz F, see Lagos NA et al. (2005) 290:165–178
- Verlaque M, see Klein J et al. (2005) 290:79–88
- Vetter R, see Hyde JR et al. (2005) 286:269–277
- Viitasalo M, see Viitasalo S (2004) 281:155–163
- Viitasalo S, Viitasalo M (2004) Predation by the mysid shrimps *Mysis mixta* and *M. relicta* on benthic eggs of *Bosmina*

- longispina maritima* (Cladocera) in the northern Baltic Sea. 281:155–163
- Villafranca VE, Marcoval MA, Helbling EW (2004) Photosynthesis versus irradiance characteristics in phytoplankton assemblages off Patagonia (Argentina): temporal variability and solar UVR effects. 284:23–34
- Visser AW, Jackson GA (2004) Characteristics of the chemical plume behind a sinking particle in a turbulent water column. 283:55–71

W

- Wahl M, see Dobretsov SV et al. (2005) 290:55–65
- Wahl M, see Weidner K et al. (2004) 283:113–125
- Wahlberg M, Westerberg H (2005) Hearing in fish and their reactions to sounds from offshore wind farms. 288:295–309
- Wakeham S, see Paffenhöfer GA et al. (2005) 286:293–305
- Walker MM, Dennis TE (2005) Role of the magnetic sense in the distribution and abundance of marine animals. 287:295–300
- Walli A, see Teo SLH et al. (2004) 283:81–98
- Wang G, Jiang X, Wu L, Li S (2005) Differences in the density, sinking rate and biochemical composition of *Centropages tenuiremis* (Copepoda: Calanoida) subitaneous and dia-pause eggs. 288:165–171
- Wang J, see Criales MM et al. (2005) 286:231–238
- Wang WX, see Cheung M (2005) 286:155–166
- Waniek JJ, Holliday NP, Davidson R, Brown L, Henson SA (2005) Freshwater control of onset and species composition of Greenland shelf spring bloom. 288:45–57
- Ward JE, see McKee MP et al. (2005) 288:141–149
- Warren NL, see Barnes DKA et al. (2004) 284:305–310
- Warwick RM, see Hernández Arana HA et al. (2005) 289:89–107
- Watanabe H, Tsuchida S, Fujikura K, Yamamoto H, Inagaki F, Kyo M, Kojima S (2005) Population history associated with hydrothermal vent activity inferred from genetic structure of neoverrucid barnacles around Japan. 288:233–240
- Watanabe Y, see Mitani Y et al. (2004) 281:275–281
- Watanabe Y, see Takahashi M (2004) 282:253–260
- Watson S, see Paffenhöfer GA et al. (2005) 286:293–305
- Watters GM, see Hinke JT et al. (2005) 285:181–192
- Webb K, see Barnes DKA et al. (2004) 284:305–310
- Weckström K, see Kauppila P et al. (2005) 290:35–53
- Weidner K, Lages BG, da Gama BAP, Molis M, Wahl M, Pereira RC (2004) Effect of mesograzers and nutrient levels on induction of defenses in several Brazilian macroalgae. 283:113–125
- Weimerskirch H, Le Corre M, Jaquemet S, Marsac F (2005) Foraging strategy of a tropical seabird, the red-footed booby, in a dynamic marine environment. 288:251–261
- Weimerskirch H, see Connan M et al. (2005) 290:277–290
- Weissburg MJ (2005) Introduction. 287:263–265
- Weissburg MJ, Browman HI (2005) Sensory biology: linking the internal and external ecologies of marine organisms. 287:263–307
- Weissburg MJ, see Fields DM (2005) 287:269–274
- Weng KC, see Teo SLH et al. (2004) 283:81–98
- West AP, see Hyde JR et al. (2005) 286:269–277
- Westerberg H, see Wahlberg M (2005) 288:295–309
- White DL, see Kulkarni NR et al. (2005) 289:13–25
- Whitfield PE, see Kimball ME et al. (2004) 283:269–278
- Wichard T, see Paffenhöfer GA et al. (2005) 286:293–305
- Widdows J, see Roast SD et al. (2004) 281:145–154
- Wieking G, see Kröncke I et al. (2004) 282:13–31
- Wielgus J, see Lapid ED et al. (2004) 282:161–171
- Wiencke C, see Roleda MY et al. (2004) 281:37–50

- Wiig Ø, see Grahl-Nielsen O et al. (2004) 281:303–306
 Wild C, Woyt H, Huettel M (2005) Influence of coral mucus on nutrient fluxes in carbonate sands. 287:87–98
 Williams SL, see Hughes AR et al. (2004) 282:87–99
 Wilson K, see Leys SP et al. (2004) 283:133–149
 Wilson SK (2004) Growth, mortality and turnover rates of a small detritivorous fish. 284:253–259
 Wirsing AJ, see Heithaus MR et al. (2005) 288:285–294
 Wittenrich ML, see Simpson SD et al. (2005) 287:201–208
 Wolff GA, see Hudson IR et al. (2004) 281:109–120
 Wong CK, see Seuront L et al. (2004) 283:199–217
 Wong NC, see Xie ZC et al. (2005) 285:89–96
 Wonham MJ, O'Connor M, Harley CDG (2005) Positive effects of a dominant invader on introduced and native mudflat species. 289:109–116
 Woyt H, see Wild C et al. (2005) 287:87–98
 Wu CJ, see Liu H et al. (2005) 286:133–144
 Wu L, see Wang G et al. (2005) 288:165–171

X

- Xie H, Zafiriou OC, Umile TP, Kieber DJ (2005) Biological consumption of carbon monoxide in Delaware Bay, NW Atlantic and Beaufort Sea. 290:1–14
 Xie ZC, Wong NC, Qian PY, Qiu JW (2005) Responses of polychaete *Hydroides elegans* life stages to copper stress. 285:89–96

Y

- Yamada K, see Ohtsuka S et al. (2004) 282:129–142
 Yamamoto H, see Watanabe H et al. (2005) 288:233–240

- Yamamoto M, see Akiyama T (2004) 284:211–225
 Yamamoto M, see Akiyama T (2004) 284:227–235
 Yan HY, see Simpson SD et al. (2005) 287:201–208
 Yoch DC, see Kulkarni NR et al. (2005) 289:13–25
 Yorozu A, see Takai N et al. (2004) 284:97–108
 Yoshihara K, see Takai N et al. (2004) 284:97–108
 Young CM, see McCarthy DA (2004) 283:191–198
 Young EB, Lavery PS, van Elven B, Dring MJ, Berges JA (2005) Nitrate reductase activity in macroalgae and its vertical distribution in macroalgal epiphytes of seagrasses. 288:103–114

Z

- Zacherl DC (2005) Spatial and temporal variation in statolith and protoconch trace elements as natural tags to track larval dispersal. 290:145–163
 Zafiriou OC, see Xie H et al. (2005) 290:1–14
 Zakardjian B, see Maps F et al. (2005) 285:117–128
 Zbinden M, Le Bris N, Gaill F, Compère P (2004) Distribution of bacteria and associated minerals in the gill chamber of the vent shrimp *Rimicaris exoculata* and related biogeochemical processes. 284:237–251
 Zedonis P, see Hinke JT et al. (2005) 285:181–192
 Zeil J, see Hemmi JM (2005) 287:274–278
 Zepp RG, see Stabennau ER et al. (2004) 282:59–72
 Zhang J, see Liu SM et al. (2005) 290:15–26
 Zhao L, Schell DM (2004) Stable isotope ratios in harbor seal *Phoca vitulina vibrissae*: effects of growth patterns on ecological records. 281:267–273
 Zika RG, see Stabennau ER et al. (2004) 282:59–72
 Zimmermann M, see Rooper CN et al. (2005) 290:251–262
 Ziv Y, see Belmaker J et al. (2005) 289:273–283