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## EDUCATION

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2004 Doctorate, University of Barcelona  
1998 - 1999 Doctorate Courses: Ecology. University of Barcelona  
1996 Certificate of Pedagogical Aptitude (CAP) by Universitat Politècnica de Catalunya (UPC) (Spain).  
1996 Degree in Biology, University of Barcelona  
1989 Course of University Orientation

## RESEARCH ACTIVITIES

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### PARTICIPATION IN SCIENTIFIC PROJECTS

**Project:** Seguiment de l'evolució del patrimoni natural de l'espai protegit de les Illes Medes (*Medes Islands Marine Reserve monitoring*)

**Principal researcher:** Mikel Zabala, Universitat de Barcelona

**Period:** 1994 - 2005

**Funded by:** Departament d'Agricultura, Ramaderia i Pesca / Departament de Medi Ambient, Generalitat de Catalunya (Catalan Government)

**Project:** Indicadores de biodiversidad en el medio marino: los equinodermos (*Echinoderm monitoring as biodiversity indicators*)

**Principal researcher:** Mikel Zabala, Universitat de Barcelona

**Period:** 1994 - 2003

**Funded by:** Port-Cros National Park, France

**Project:** Ecological effects of protection in Mediterranean Marine Reserves (ECOMARE)

**Principal researcher:** R. Gofí, Instituto Español de Oceanografía (IEO)

**Period:** 1998-1999

**Funded by:** European Community (EU) – MASTIII

**Project:** Determinismo e interacciones algas-erizos-peces en el Mediterráneo (*Determinism and interactions between algae, sea urchins and fish*)

**Principal researcher:** M. Zabala, Universitat de Barcelona

**Period:** 1999-2001

**Funded by:** Spanish Ministry of Science and Technology

**Project:** Étude de l'impact de la plongée sous marine sur le milieu sous marine et en particulier sur les populations vivantes du coralligène (*Study of the SCUBA divers impact on benthic assemblages, and particularly in coralligenous communities*)

**Principal researcher:** Mikel Zabala, Universitat de Barcelona

**Period:** 1999-2000

**Funded by:** Port-Cros National Park, France

**Project:** Les peuplements à *Cystoseira* spp. de la reserve naturelle de Scandola (Corse) (*The Cystoseira spp. populations in Scandola marine reserve*)

**Principal researcher:** Enrique Ballesteros and Mikel Zabala, Consejo Superior de Investigaciones Científicas (CSIC), and Universitat de Barcelona

**Period:** 1999 – 2005

**Funded by:** Parc Naturel Regional de la Corse, France

**Project:** Etude de l'impact de la plongée sous Marine sur le coralligène. Protocole d'observation et études comparatives entre espaces protégés (*Impact of SCUBA divers on the coralligenous community, compared study between protected areas*)

**Principal researcher:** Mikel Zabala, Universitat de Barcelona

**Period:** 2000 - 2002

**Funded by:** Port-Cros National Park, France

**Project:** Caracterización del hábitat y pautas de asentamiento de la langosta común (*Palinurus elephas*) en el Mediterráneo occidental (*Habitat characterization and settlement patterns of the Mediterranean common lobster Palinurus elephas*)

**Principal researcher:** P.Abelló, Consejo Superior de Investigaciones Científicas (CSIC)

**Period:** 2000-2003

**Funded by:** Spanish Ministry of Science and Technology

**Project:** Gorgonias mediterráneas ibéricas: evaluación de riesgos para un valioso patrimonio natural amenazado (*Mediterranean sea fans: risk evaluation for a valuable endangered natural patrimony*)

**Principal researcher:** JM. Gili, Consejo Superior de Investigaciones Científicas (CSIC)

**Period:** 2000-2003

**Funded by:** Spanish Ministry of Science and Technology

**Project:** Estudi per a l'establiment de diverses capacitats de càrrega sobre el Patrimoni Natural submergit del Parc Natural de Cap de Creus. (*A study for the establishment of charge capacity on Cap de Creus marine reserve*)

**Period:** 2002

**Principal researcher:** Mikel Zabala, Universitat de Barcelona

**Funded by:** Catalan Ministry of the Environment

**Project:** Inventaire et cartographie de Fucales du Parc National de Port-Cros (*Inventory and Cartography of Fucooids from Port-Cros Parc National, França*).

**Period:** 2005

**Principal researcher:** Thierry Thibaut, Université de Nice-Sophie Antipolis (UNSA)

**Funded by:** Port-Cros National Park, France

**Project:** Inventaire et densité des échinodermes à Porquerolles, avec taille moyenne de l'oursin *Paracentrotus lividus* dans les secteurs clés (*Inventory and density of echinoderms in Porquerolles Marine Reserve*).

**Period:** 2005

**Principal researcher:** Departament d'Ecologia - Universitat de Barcelona

**Funded by:** Port-Cros National Park, France

## **SCIENTIFIC PUBLICATIONS AND PAPERS (except congresses and technical rapports)**

Sala E, M Ribes, **B Hereu**, M Zabala, V Alvà, R Coma, J Garrabou 1998. Temporal variability in abundance of the sea urchin *Paracentrotus lividus* and *Arbacia lixula* in the northwestern Mediterranean: comparison between a marine reserve and an unprotected area. *Marine Ecology Progress Series* 168: 138-148

**Hereu B**, L Dantart, D Diaz, M Marí, J Pascual, M Zabala 1999. Aspects on the spawning activity of the dusky grouper *E. marginatus* in the Medes Islands Marine reserve. In: *Symposium International sur les Mérus de Méditerranée*. Proc. of a Symposium, 5-7 Nov. 1998 at Illes des Embiez, France, Mém. Inst. Océanogr. Paul Ricard, pp: 191

Dantart L, P Robira, **B Hereu**, A Duda 1999. Early development of dusky grouper (*Epinephelus marginatus*) from natural spawns. In: *Symposium International sur les Mérus de Méditerranée*. Proc. of a Symposium, 5-7 Nov. 1998 at Illes des Embiez, France, Mém. Inst. Océanogr. P. Ricard, p. 37-43.

Pinnegar JK, NVC Polunin, P Francour, F Badalamenti, R Chemello, M-L Harmelin-Vivien, **B Hereu**, M Milazzo, M Zabala, G d'Anna, C Pipitone 2000. Trophic cascade in benthic marine ecosystems: lessons for fisheries and protected-area management. *Environmental Conservation* 27 (2): 179-200

**Hereu B**, 2000. Methods for monitoring and assessing community level effects of protection: Fish-urchin-algae interactions. Processes: grazing. In: R Goñi, M Harmelin-Vivien, F Badalamenti, L. le Direach, G Bernard (eds.) *Introductory guide to methods for selected ecological studies in marine reserves*. GIS Posidonie Publ., France, p. 99-103

Pérez-Ruzafa A, **B Hereu**, L Entrambasaguas, C Marcos-Diego, M Zabala, JA Garcia-Charton 2000. Methods for monitoring and assessing community level effects of protection: Fish-urchin-algae interactions. Sampling techniques: Population dynamic and biology of sea-urchins. In: R Goñi, M Harmelin-Vivien, F Badalamenti, L. le Direach, G Bernard (eds.) *Introductory guide to methods for selected ecological studies in marine reserves*. GIS Posidonie Publ., France, p. 81-87

Cardona L, **B Hereu**, X Torras, P Royo 2002 Primera cita de l'alburs (*Alburnus alburnus* L.) i noves dades sobre la presència de la madrilleta vera (*Rutilus rutilus* L.) a la Muga. *Butlletí de l' Institució Catalana d'Història Natural*, 70: 111-112

**Hereu B**, M Zabala, E Ballesteros 2003. On the occurrence of a population of *Cystoseira zosteroides* Turner and *Cystoseira funkii* ex Gerloff et Niza-Muddin (Cystoseiraceae, Fucophyceae) in the Port-Cros National Park (Northwestern Mediterranean, France). *Scientific Reports of the Port-Cros National Park, France* 19: 93-99

Ballesteros E, **Hereu B**, Zabala M, Alcoverro T, Garrabou J, Sala E (2002) Rapport mission Scandola. *Cystoseira* 2000. *Travaux Scientifiques Parc National Régional de la Corse*, 60: 95-115

**Hereu B** 2004. The role of trophic interactions between fishes, sea urchins and algae in the Northwestern Mediterranean rocky infralittoral. PhD Thesis, Universitat de Barcelona

**Hereu B**, C Linares, M Zabala, E Sala, 2004. Temporal and spatial variability in settlement of the sea urchin *Paracentrotus lividus* (Lamarck). *Marine Biology* 144: 1011-1018

**Hereu B**, C Linares, M Zabala, E Sala 2004. The effects of predator abundance and habitat structural complexity on survival of juvenile sea urchins. *Marine Biology* 146:243-249

D. Diaz, C. Linares, **B. Hereu**, M. Zabala & P. Abelló 2004. Increased predation of juvenile spiny lobster (*Palinurus elephas*) in a marine protected area. *New Zealand Journal of Marine and Freshwater Research* 39: 1-7

**Hereu B** 2005 Movements pattern of the sea urchin *Paracentrotus lividus* in the NW Mediterranean. *Marine Ecology* 26: 54-62

**Hereu B**. The effects of sea urchins and fish in depleting palatable algae on a Mediterranean subtidal community. *Marine Ecology Progress Series* (In press)

**Hereu B**, Diaz D, Pasqual J, Zabala M and Sala E. Temporal predictability of spawning of the dusky grouper, *Epinephelus marginatus*, in relation to environmental factors. *Marine Ecology Progress Series* (Submitted)

Linares C, R Coma, D Diaz, M Zabala, **B Hereu**, L Dantart. Immediate and delayed effects of a mass mortality event on gorgonian population dynamics and benthic community structure in the NW Mediterranean. *Marine Ecology progress Series* (In press)

## TECHNICAL RAPPORTS

**Hereu B**, M Zabala 1995. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1995*. Technical rapport for the Catalan Ministry of Marine Fisheries

Harmelin J, **B Hereu**, L Maissonave, N Teixidor, L Dominguez, M Zabala 1995. Fluctuations temporelles des peuplements d'échinodermes à Port-Cros. Comparaison entre les années 1982-84 et 1993-95 (*Temporal variability of Port-Cros National Park echinoderm populations. Comparison between the periods 1982-83 and 1993-1995*). In: M Zabala (ed.) *Indicateurs de biodiversité en milieu marin: Les échinodermes*. Technical rapport for Port-Cros National Park (France)

**Hereu B** 1996. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1996*. Technical rapport for the Catalan Ministry of Marine Fisheries

**Hereu B** 1997. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1997*. Technical rapport for the Catalan Ministry of Marine Fisheries

Dantart L, A Garcia-Rubies, J Garrabou, **B Hereu**, M Mari, J Pascual, A Sabatés, M Zabala 1997. Reproducció del mero *Epinephelus marginatus* a les Illes Medes durant l'estiu de 1997 (*Reproduction of the dusky grouper Epinephelus marginatus in Medes Islands Marine Reserve during the summer of 1997*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1997*. Technical rapport for the Catalan Ministry of Marine Fisheries

**Hereu B**, M Zabala 1998. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1998*. Technical rapport for the Catalan Ministry of Marine Fisheries

Linares C, **B Hereu**, M Zabala 1998. Seguiment temporal del corall vermell *Corallium rubrum* en les Illes Medes (*Monitoring of the red coral Corallium rubrum in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1998*. Technical rapport for the Catalan Ministry of Marine Fisheries

Garcia-Rubies A, **B Hereu**, M Zabala 1998. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (*Monitoring of Epinephelus marginatus populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby unprotected area*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1998*. Technical rapport for the Catalan Ministry of Marine Fisheries

Ballesteros E, J. Garrabou, **B Hereu**, M Zabala, E Sala 1999. Rapport mission Scandola. Cystoseira 1999. Technical rapport for Scandola Marine Reserve (Corsica, France), 42 pp

**Hereu B**, M Zabala 1999. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1999*. Technical rapport for the Catalan Ministry of Marine Fisheries

Linares C, **B Hereu**, M Zabala 1999. Seguiment temporal del corall vermell *Corallium rubrum* en les Illes Medes (*Monitoring of the red coral Corallium rubrum in Medes Islands Marine Reserve*). In: *Evolució del patrimoni natural de les Illes Medes. Any 1999*. M Zabala (ed.). Technical rapport for the Catalan Ministry of the Environment

**Hereu B**, C Linares, M Zabala 1999. Evaluació de l'impacte de l'episodi d'expoli de corall vermell (*Corallium rubrum*) de la zona de les Illes Medes detectat durant l'hivern de 2000 (*Evaluation of the damages caused by an illegal catch of red coral Corallium rubrum in Medes Islands Marine Reserve during winter 2000*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1999*. Technical rapport for the Catalan Environment Ministry

Garcia-Rubies A, **B Hereu**, M Zabala 1999. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (1991-1999) (*Monitoring of Epinephelus marginatus populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby unprotected area 1991-1999*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 1999*. Technical rapport for the Catalan Ministry of the Environment

Ballesteros E, R Coma, L Dantart, D Díaz, **B Hereu**, L Martiny de Maissonave, M Zabala 1999. Étude de l'impact de la plongée sous marine sur le milieu sous marine et en particulier sur les populations du coralligène (*Study of the damages caused by sportive SCUBA diving on coralligenous communities in Port-Cros National Park*). Technical rapport for the Port-Cros National Park (France)

Ballesteros E, **B Hereu**, M Zabala, T. Alcoberro, J Garrabou 2000. Rapport mission Scandola. Cystoseira 2000. Technical rapport for Scandola Marine Reserve (Corsica, France) 37 pp

**Hereu B**, M Zabala 2000. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*) In: *Evolució del patrimoni natural de les Illes Medes. Any 1999*. M Zabala (ed.). Technical rapport for Catalan Ministry of the Environment

Garcia-Rubies A, **B Hereu**, M Zabala 2000. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (1991-2000) (*Monitoring of Epinephelus marginatus populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby*

unprotected area 1991-2000). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2000*. Technical rapport for Catalan Ministry of the Environment

Linares C, **B Hereu** i M Zabala 2000. Seguiment temporal del corall vermell *Corallium rubrum* en les Illes Medes (*Monitoring of the red coral Corallium rubrum in Medes Islands Marine Reserve*) In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2000*. Technical rapport for Catalan Ministry of the Environment

Coma R, LI Dantart, D Díaz, **B Hereu**, C Linares, M Zabala, 2000. Mass mortality and recovery of red gorgonian (*Paramuricea clavata*) in the Port-Cros Marine National Park (France). Protocol of observation and comparative studies between Marine Protected Areas. Rapport 2000. Technical rapport for the Port-Cros National Park (France)

**Hereu B**, C Linares, D Diaz, M Zabala, 2001. Avaluació dels danys ocasionats per un espoli de coall vermell a la reserva integral de l'encalladora (Parc Natural del Cap de Creus) entre Juliol i Setembre del 2001 (*Evaluation of the damages caused by an illegal catch of red coral Corallium rubrum\_in Encalladora Marine Reserve in July-September 2001*). Technical rapport for Catalan Ministry of the Environment

Zabala M, D Díaz, **B Hereu**, C Linares 2001. Informe sobre el estudio de las poblaciones de *Paramuricea clavata* en la reserva marina de las islas Columbretes. (Study of the sea fan populations from Columbretes Marine Reserve) Technical rapport for the Spanish Ministry of the Environment

Ballesteros E, **B Hereu**, M Zabala, E Sala, J Garrabou 2001. Rapport mission Scandola. Cystoseira 2001. Technical rapport for Scandola Marine Reserve (Corsica, France)

**Hereu B**, M Zabala 2001. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

Linares C, **B Hereu**, M Zabala, 2001. Avaluació de la població de corall *Corallium rubrum* de les Illes Medes (*Monitoring of the red coral Corallium rubrum in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

Garcia-Rubies A, **B Hereu**, M Zabala 2001. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (1991-2001) (*Monitoring of Epinephelus marginatus populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby unprotected area 1991-2001*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

**Hereu B**, Linares C, M Zabala 2001 Avaluació de les comunitats algals de les Illes Medes i de la costa del Montgri (*Monitoring of the algal communities in Medes Islands Marine Reserve and the nearby Montgri coast unprotected area*) In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

**Hereu B**, M Zabala 2002. Seguiment temporal de la garota comuna *Paracentrotus lividus* en les Illes Medes (*Monitoring of the edible sea urchin Paracentrotus lividus in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2002*. Technical rapport for Catalan Ministry of the Environment

Garcia-Rubies A, **B Hereu**, M Zabala 2002. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (1991-2002) (*Monitoring of Epinephelus marginatus populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby unprotected area 1991-2002*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2002*. Technical rapport for Catalan Ministry of the Environment

Linares C, **B Hereu**, M Zabala, 2002. Avaluació de la població de corall *Corallium rubrum* de les Illes Medes. (*Monitoring of the red coral Corallium rubrum in Medes Islands Marine Reserve*). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

**Hereu B**, C Linares, M Zabala 2002 Avaluació de les comunitats algals de les Illes Medes i de la costa del Montgri (*Monitoring of the algal communities in Medes Islands Marine Reserve and the nearby Montgri coast unprotected area*) In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2002*. Technical rapport for Catalan Ministry of the Environment

**Hereu B**, C Linares, D Díaz y M Zabala 2003. Evaluación del impacto del episodio de expolio de coral rojo (*Corallium rubrum*) de la zona de la Pedrosa (costa del Montgri) y de las muestras incautadas los días 21 y 22 de Diciembre de

2002. (Evaluation of the damages caused by an illegal catch of red coral *Corallium rubrum* in Pedrosa Island (Montri Coast) and the samples collected the 21 and 22 December 2002). Technical for the "Grupo de Especialistas en Actividades Subacuáticas (GEAS) de la Guardia Civil" (Spanish Marine Police)

Linares C, D Díaz, **B Hereu**, M Zabala, 2003. Avaluació de la població de corall *Corallium rubrum* de les Illes Medes . (Monitoring of the red coral *Corallium rubrum* in Medes Islands Marine Reserve). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2001*. Technical rapport for Catalan Ministry of the Environment

Garcia-Rubies A, **B Hereu**, M Zabala 2003. Seguiment de la població de neros (*Epinephelus marginatus*) i d'altres espècies vulnerables de les Illes Medes i la costa veïna parcialment protegida (1991-2003) (Monitoring of *Epinephelus marginatus* populations and other vulnerable fish species from Medes Islands Marine Reserve and the nearby unprotected area 1991-2003). In: M Zabala (ed.) *Evolució del patrimoni natural de les Illes Medes. Any 2003*. Technical rapport for Catalan Ministry of the Environment

**Hereu B**, C Linares, D Díaz, L Dantart, J Garrabou, E Sala, E Ballesteros, JG Harmelin, M Zabala 2005. Indicateurs de Biodiversité en milieu marin: les échinodermes. Fluctuations temporelles des peuplements d'Échinodermes a Port-Cros 1982-2003 (Biological indicators of marine biodiversity: the echinoderms. Temporal variability of echinoderms populations in Port-Cros National Park 1982-2003). Technical rapport for the Port-Cros National Park (France)

Thibaut T, F Javel, JM Cottalorda, **B Hereu**, 2005. Evaluation cartographique de l'expansion des caulerpes introduites et envahissantes les long du littoral de la comune de Saint-Tropez. (Evaluation of the expansion of the introduced algae *Caulerpa* spp. in Saint-Tropez, France). Contrat Ville de Saint-Tropez & GIS Posidonie. GIS Posidonie – LEML publ., 36 pp

Javel F, P Francour, J de Vaugelas, A Meinesz, **B Hereu**, 2005. Projet de sentier sous-marin de la Pointe de l'Aiguille, Théoule-sur-Mer (Alpes-Maritimes) (Project for a sea-watching circuit in Théoule-sur-Mer, France). Convention Conseil Général des Alpes-Maritimes, Service des Parc Départementaux GIS Posidonie. LEML-UNSA publ., 37 p.

Thibaut T, **Hereu B**, Susini ML, Cottalorda JM, Javel F, 2005 Inventaire et cartographie de Fucales du Parc National de Port-Cros. Parc National de Port-Cros, GIS Posidonie. LEML-UNSA publ., 29pp.

## WORKS PRESENTED IN CONGRESSES

Trophic cascades in Marine Protected Areas. First plenary meeting of ECOMARE (Ecological Effects of Protection in Mediterranean Marine Reserves) - Concerted action Mast III (Marine Science and Technology Programme), European Commission. Palma de Mallorca 12-17 May 1998.

**B Hereu**, L Dantart, D Diaz , M Marí , J Pascual, M Zabala 1998. Aspects on the spawning activity of the dusky grouper *E. marginatus* in the Medes Islands Marine Reserve. Symposium international sur les mérours de Méditerranée. Ille des Embiez, France. 5-7 November 1998.

Dantart L, P Robira, **B Hereu**, A Duday 1998. Early developement of the dusky grouper *Epinephelus marginatus*. Symposium international sur les mérours de Méditerranée. Ille des Embiez, France. 5-7 November 1998

Diaz D, M Marí, **B Hereu**, P Abelló 1999. Preliminary observations on settlement of spiny lobster *Palinurus elephas* in Medes islands marine reserve (NW Mediterranean). Primer congreso internacional sobre reservas marinas, Murcia. March, 1999

Trophic cascades in Marine Protected Areas. Second plenary meeting of ECOMARE (Ecological Effects of Protection in Mediterranean Marine Reserves) - Concerted action Mast III (Marine Science and Technology Programme), European Commission. Castellamare del Golfo (Italy). July 1999

Trophic cascades in Marine Protected Areas. Third plenary meeting of ECOMARE (Ecological Effects of Protection in Mediterranean Marine Reserves) - Concerted action Mast III (Marine Science and Technology Programme), European Commission. Marseille (France). March 2000

Linares C, **B Hereu**, M Zabala 2001. Ten years of monitoring at the Medes Islands MPA: Growth and poaching of *Corallium Rubrum*. 36th European Marine Biology Symposium. Maó, Menorca (Spain), September 2001

Garcia-Rubies A, **B Hereu**, M Zabala, 2001. Ten years of monitoring at the Medes Islands MPA: Temporal evolution of the Dusky grouper (*Epinephelus marginatus*) populations. 36th European Marine Biology Symposium. Maó, Menorca (Spain), September 2001

**Hereu B**, C Linares, M Zabala 2001. Ten years of monitoring at the Medes Islands MPA: temporal variability in abundance and size-structure of the sea urchin *Paracentrotus lividus* populations. 36th European Marine Biology Symposium. Maó, Menorca (Spain), September 2001

Diaz D, C Linares, **B Hereu**, M Zabala, P Abelló 2004. Effect of Marine Protected Area on predation upon early juvenile spiny lobsters *Palinurus elephas*. 7th International Conference and Workshop on Lobster biology and management. Sandy Bay, Tasmania (Australia).

Coll J, A Garcia-Rubies, **B Hereu** 2004. Ictiofauna de l'illa de Sa Dragonera. Distribució i estat de les poblacions més vulnerables a la pesca (*Ichthyofauna of Dragonera Island. Distribution and populations status of vulnerable fish species*). In: Pons GX (Edit.) IV Jornades de Medi Ambient de les Illes Balears. Ponències i Resums. 13-15 Soc. Hist. Nat. Balears. Palma de Mallorca.

## PRIZES

Prize Doctor Orfilia d'Investigació Científica year 1996 (Ateneu de Maó, Menorca) with the work "Ecologia de la ictiofauna continental de Menorca" (*Ecology of freshwater fishes of Minorca*) by **B Hereu** and L Cardona

Prize Joan Torró i Cabratosa year 2002 (Museu del Montgrí i del Baix Ter, Torroella de Montgrí, Girona) with the work "Proposta per a la catalogació, estudi i divulgació de les algues i les comunitats algals de la costa del Montgrí i les Illes Medes" (*Study and catalogation of algal communities from Medes Islands and Montgrí coast*) by **B Hereu** and C Linares

Extraordinary Prize of Doctorate 2004 of the Universitat de Barcelona, for the PhD Thesis "The role of trophic interactions between fishes, sea urchins and algae in the Northwestern Mediterranean rocky infralittoral".

## DIVULGATION ARTICLES

**Hereu B**, Linares C 2003. Les comunitats algals de la Costa del Montgrí i les Illes Medes (*The algal communities from Montgrí coast and Medes Islands*). Papers del Montgrí, Torroella de Montgrí, p. 72-114

## EDITORIAL ACTIVITY

Reviewed manuscripts for:

Scientia Marina  
Marine Biology  
Ecological Applications  
Estuarine, Coastal and Shelf Science

## LANGUAGES

CATALAN: Parents tongue  
SPANISH: Excellent proficiency, oral and written  
ENGLISH: Fluently spoken and written  
FRENCH: Fluently spoken and written

## **PROFESSIONAL EXPERIENCE**

1994 July-September: Monitor of guided visits "Itineraris submarins a les Illes Medes (Seawatching)" and scholarships activities in Medes Island marine reserve. Torroella de Montgrí town hall (Girona)

1995 July-September: Monitor of guided visits "Itineraris submarins a les Illes Medes (Seawatching)" and scholarships activities in Medes Island marine reserve. Torroella de Montgrí town hall (Girona)

1996 July-September: Monitor of guided visits "Itineraris submarins a les Illes Medes (Seawatching)" and scholarships activities in Medes Island marine reserve. Torroella de Montgrí town hall (Girona)

1997- June 2003: Researcher in the Ecology Department, University of Barcelona

2003 July–December: Researcher in Centre d'Estudis Avançat de Blanes (CEAB), Consejo Superior de Investigaciones Científicas (CSIC)

2004 January-July: Researcher in the Ecology Department, University of Barcelona

2004 September – 2005 October. Assistant Professor, Université de Nice-Sophia Antipolis (Nice, France)