

Curriculum vitae

CONXI RODRÍGUEZ PRIETO, Ph. D.

Curator of the algae section in the University of Girona Herbarium (HGI-A)

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ACADEMIC TRAINING

Bachelor's degree in Biology - Universitat Autònoma de Barcelona - 1986

Ph.D. in Biological Sciences - Universitat Autònoma de Barcelona – 1992; Thesis director: Lluís Polo Albertí

ACTUAL PROFESSIONAL STATUS

Associate Professor of Botany, University of Girona

Participation in funded R+D projects from public calls (2009-2019)

1. Biología y taxonomía del género *Porphyra* (Bangiales, Rhodophyta) en la Península Ibérica
Contract/Program: CGL - PN de Biodiversidad, Ciencias de la Tierra y Cambio Global - Financing firm/Administration: EMED - Ministerio de Educación y Ciencia (MEC) - Number of project/contract: CGL2008-00932
2009-2011
Main researcher: M.A. Vergés Guirado flata document
2. Effects of global warming and alien species invasions on high diverse communities of NW Mediterranean Sea
Contract/Program: FPMC - UE 7PM PEOPLE - Financing firm/Administration: UDRE - DG Recerca, Desenvolupament Tecnològic i Innovació - Number of project/contract: PERG05-GA-2009-248252
2009-2012
Main researcher: C. Rodríguez Prieto
3. MEDITS 2011
Contract/Program: 0000 - Altres programes
Financing firm/Administration: IEO - Instituto Español de Oceanografía
2011
Main researcher: B. Guijarro
4. Connaissance de la biodiversité des espèces clefs et de leurs propriétés pour une gestion durable des écosystèmes méditerranéens
Contract/Program: UVED
2012
Main researcher: R. Lami
5. DRAGONSAL 2012
Financing firm/Administration: IEO - Instituto Español de Oceanografía
2012
Main researcher: M. Ramon
6. Effect of global change on the development of different species of the family Dasyaceae (Rhodophyta), by culture experimentation
Contract/Program: ASSEMBLE - Association of European Marine Laboratoires - Financing firm/Administration: Laboratoire Arago
2012
Main researcher: C. Pena Martín
7. Centre Tecnològic Forestal de Catalunya
Contract/Program: Programa de Conservació i Seguiment de la Biodiversitat - Financing firm/Administration: Generalitat de Catalunya
2013
Main researcher: C. Rodríguez Prieto
8. DRAGONSAL 2014
Financing firm/Administration: IEO - Instituto Español de Oceanografía
2014
Main researcher: M. Ramon
9. Effects of global warming and alien species invasions on high diverse communities of NW Mediterranean Sea
Contract/Program: FPMC-UE 7PM PEOPLE - Financing firm/Administration: DG Investigación, Desarrollo Tecnológico e Innovación -Number of project/contract: PERG05-GA-2009-248252
2009-2012
Main researcher: Dra. Concepció Rodríguez Prieto

10. Efecte del tipus d'alimentació sobre la condició física del sarg (*Diplodus sargus*)
Contract/Program: Ajut per a la millora de la productivitat científica - Financing firm/Administration: Universidad de Girona -
Number of project/contract: MPCUdG2016/071
2016-2018
Main researcher: Dra. Margarida Casadevall Masó
11. Invasibilidad de las especies exóticas en un mar cambiante: Nuevos retos para la investigación marina y conservación
Contract/Program: Programa estatal de I+D+i orientada a los retos de la sociedad - Financing firm/Administration: Ministerio
de Economía y Competitividad - Number of project/contract: CGL2016-76341-R
Main researcher: Dra. Emma Cebrian Pujol
2016-2019

Publications (2009-2019)

1. **Rodríguez-Prieto, C.**; De Clerck, O.; Huisman, J.; Lin, S.-M. 2019. Characterization of *Nesoia latifolia* (Halymeniaceae, Rhodophyta) from Europe with emphasis on cystocarp development and description of *Nesoia mediterranea* sp. nov. *Phycologia*, 58: 393-404. <https://doi.org/10.1080/00318884.2019.1591879>
2. **Rodríguez-Prieto, C.**; De Clerck, O.; Huisman, J.; Lin, S.-M. 2018. Systematics of the red algal genus *Halymenia* (Halymeniaceae, Rhodophyta). 1. Characterization of the generitype *H. floresii* and description of *Neofolia rosea* gen. & sp. nov. *European Journal of Phycology*, 53: 520-536. DOI: 10.1080/09670262.2018.1478132
3. Merciai, R.; **Rodríguez-Prieto, C.**; Torres, J.; Casadevall, M. 2018. Bioaccumulation of mercury and other trace elements in bottom-dwelling omnivorous fishes: The case of *Diplodus sargus* (L.) (Osteichthyes: Sparidae) *Marine Pollution Bulletin*, 136: 10-21. <https://doi.org/10.1016/j.marpolbul.2018.08.061>
4. Boudouresque, C.-F.; Gómez Garreta, A.; Ribera Siguan, M.A.; Rodríguez-Prieto, C. 2018. Minouche Knoepffler-Péguy (1934-2018), la 'dama de Banyuls'
Algas 54, 6 -11
5. Sant, N.; Chappuis, E.; **Rodríguez-Prieto, C.**; Real, M.; Ballesteros, E. 2017. Cost-benefit of three different methods for studying Mediterranean rocky benthic assemblages
Scientia marina 81 (1): 129-138. DOI: [10.3989/scimar.04463.04A](https://doi.org/10.3989/scimar.04463.04A).
6. Casadevall, M.; **Rodríguez-Prieto, C.**; Torres, J. 2017. The importance of the age when evaluating mercury pollution in fishes: the case of *Diplodus sargus*
AIMS Environmental Science, 4(1): 17-26. DOI: [10.3934/environsci.2017.1.17](https://doi.org/10.3934/environsci.2017.1.17)
7. Ordines, F.; Ramon, M.; Rivera, J.; **Rodríguez-Prieto, C.**; Farriols, M.T.; Guijarro, B.; Pasqual, C.; Massutí, E. 2017. Why long term trawled red algae beds off Balearic Islands (western Mediterranean) still persist?
Regional Studies in Marine Science 15: 39-49. DOI: 10.1016/j.rsma.2017.07.005
8. Joher, S.; Ballesteros, E.; **Rodríguez-Prieto, C.** 2016. Macroalgal-dominated coastal detritic communities from the Western Mediterranean and the Northeastern Atlantic
Mediterranean Marine Science 17(2): 476-495. DOI: 10.12681/mms.1438
9. **Rodríguez-Prieto, C.**; De Clerck, O.; Kitayama, T.; Lin, S.-M. 2017. Systematic revision of the widespread species *Sarcodia ceylanica* (Sarcodiaceae, Rhodophyta) in the Indo-Pacific Oceans, including *S. suiae* sp. nov.
Phycologia 56 (1): 63-76. DOI: [10.2216/16-31](https://doi.org/10.2216/16-31)
10. **Rodríguez-Prieto, C.** 2016. Light and temperature requirements for survival, growth and reproduction of the crustose coralline *Lithophyllum stictaeforme* from the Mediterranean Sea
Botanica Marina, 59: 95-104. DOI = 10.1515/bot-2015-0070
11. **Rodríguez-Prieto, C.**; Freshwater, D.W.; Hommersand, M.H. 2016. *Gracilaria corallicola* and *G. multipartita* (Gracilariales, Rhodophyta), two related flattened European species
European Journal of Phycology 51(4): 444-460. DOI: [10.1080/09670262.2016.1201867](https://doi.org/10.1080/09670262.2016.1201867)
12. **Rodríguez-Prieto, C.**; Vilar, L.; Bou-Manobens, J. 2016. L'herbari de la Universidad de Girona. 40 anys d'història d'una col·lecció única a les nostres comarques
Revista de Girona, 296: 46-49
13. Joher, S.; Ballesteros, E.; **Rodríguez-Prieto, C.** 2015. Contribution to the study of deep coastal detritic bottoms: the algal communities of the continental shelf off the Balearic Islands, Western Mediterranean
Mediterranean Marine Science, 16(3): 573-590
14. Lin, S.-M.; **Rodríguez-Prieto, C.**; Huisman, J.M.; Guiry, M.D.; Payri, C.; Nelson, W.A.; Liu, S.-L. 2015. A phylogenetic re-appraisal of the family Liagoraceae *sensu lato* (Nemaliales, Rhodophyta) based on sequence analyses of two plastid genes and post-fertilization development
Journal of Phycology, 51(3): 546-559. DOI: [10.1111/jpy.12301](https://doi.org/10.1111/jpy.12301)
15. **Rodríguez-Prieto, C.**; Ballesteros, E.; Boisset, F.; Afonso-Carrillo, J. 2015. Algae e fanerogame del Mediterraneo
Il Castello, Milan. 656 pp.
16. **Rodríguez-Prieto, C.**; D.W. Freshwater; Hommersand, M.H. 2014. Morphology and phylogenetic systematics of *Ptilocladopsis horrida* and proposal of the Ptilocladopsidaceae fam. nov. (Gigartinales, Rhodophyta)
Phycologia, 53 (4): 383 - 395.
17. **Rodríguez-Prieto, C.** 2014. Métodos de cultivo de laboratorio para la conservación *ex-situ* de macroalgas marinas
Algas 48: 36-40
18. **Rodríguez-Prieto, C.**; Ballesteros, E.; Boisset, F.; Afonso-Carrillo, J. 2013. Guía de las macroalgas y fanerógamas marinas del Mediterráneo occidental
Omega, Barcelona. 656 pp.

19. Ballesteros, E.; Cebrian, E.; **Rodríguez-Prieto, C.**; Ramos-Esplá, A. 2013. El grapissar
In: Ecosistemas dels Països Catalans (Bueno i Torrens, D., ed) Enciclopèdia Catalana. 106-107
20. **Rodríguez-Prieto, C.**; Sartoni, G.; Lin, S.-M.; Hommersand, M.H. 2013. Comparative morphology and systematics of *Chondrymenia lobata* from the Mediterranean Sea and a phylogeny of the Chondrymeniaceae fam. nov. (Rhodophyta) based on rbcL sequence analyses
European Journal of Phycology, 48 (2): 188 - 199
21. **Rodríguez-Prieto, C.**; D.W. Freshwater; Hommersand, M.H. 2013. Vegetative and reproductive development of Mediterranean *Gulsonia nodulosa* (Ceramiaceae, Rhodophyta) and its genetic affinities
Phycologia, 52 (4): 357 – 367
22. **Rodríguez-Prieto, C.**; Hommersand, M.H. 2012. Developmental morphology and systematics of *Trematocarpus dichotomus* (Sarcodiaceae, Rhodophyta) from Chile
Phycologia, 51 (5): 586 - 595
23. Cebrian, E.; **Rodríguez-Prieto, C.** 2012. Marine invasion in the Mediterranean Sea: The role of abiotic factors when there is no biological resistance
Plos One, 7 (2): 1 - 8
24. Joher, S., Ballesteros, E., Cebrian, E., Sánchez, N., **Rodríguez-Prieto, C.** 2012. Deep-water macroalgal-dominated coastal detritic assemblages on the continental shelf off Mallorca and Menorca (Balearic Islands, Western Mediterranean)
Botanica Marina, 55 (5): 485 - 497
25. **Rodríguez-Prieto, C.**; Lin, S.-M.; Nelson, W.A.; Hommersand, M.H. 2011. Developmental morphology of *Sarcodia montagneana* and *S. grandifolia* from New Zealand and a phylogeny of *Sarcodia* (Sarcodiaceae, Rhodophyta) based on rbcL sequence analysis
European Journal of Phycology, 46 (2): 153-170
26. **Rodríguez-Prieto, C.**; Hommersand, M.H. 2011. Reproductive morphology in Mediterranean *Seirospora giraudyi* (Ceramiaceae, Rhodophyta)
The International Journal of Plant Reproductive Biology, 3(2): 79-87
27. Sánchez, N.; Freshwater, D.W.; **Rodríguez-Prieto, C.** 2010. Vegetative, reproductive and molecular characterization of *Gloiocladia microspora* (Faucheaceae, Rhodophyta)
European Journal of Phycology, 45 (1): 63-78
28. **Rodríguez-Prieto, C.** 2010. Las algas rojas en el Mediterráneo
Investigación y Ciencia, 401: 9-11
29. **Rodríguez-Prieto, C.**; De Clerck, O. 2009. *Leptofauchea coralligena* (Faucheaceae, Rhodophyta), a new species from the Mediterranean Sea
European Journal of Phycology, 44(1): 107-121
30. **Rodríguez-Prieto, C.**; Hommersand, M.H. 2009. Behaviour of the nuclei in pre- and postfertilization events in *Kallymenia* (Kallymeniaceae, Rhodophyta)
Phycologia, 18(3): 138-155

Other relevant merits

Positions

Direction of the Research group: Marine Benthic Macroalgae Research Group at the University of Girona - 1992 to date; Curator of the algae section in the University of Girona Herbarium (HGI-A) - 1992- to date; Secretary of the Sociedad Española de Ficología - 1998-2011; Member of the Comisión Científica del Área Protegida de les Illes Medes - 2006-2009; Member of the Committee of experts of the United Nations Environment Programme (UNEP) – 2009; Member of the Scientific committee of the Academy of Life Sciences of India - 2011 to date; Member of the Governing board of the Parc Natural del Montgrí, les Illes Medes I el Baix Ter - 2014 to date

Editorial activity

Referee of 23 scientific journals; Member of the editorial board of *Scientia Gerundensis* - 1997 to date; Member of the editorial board of The Society of Plant Reproductive Biologist - 2010 to date; Member of the editorial board of Brazilian Journal of Botany - 2014 to date

Member of Scientific societies

Sociedad Española de Ficología - 1988 to date; International Phycological Society - 1992 to date; European Phycological Society - 1992 to date; American Phycological Society - 1992 to date; Institut de Medi Ambient of the UdG - 2004 to date; Society of Plant Reproductive Biologist (FSPRB) - 2013 - to date

Awards

Research Prize of the Consorci de la Costa Brava – 1987; Hilda Cunter-Lund Photomicrograph Award – 2009; Life Time Achievement Award of the Society of Plant Reproductive Biologists - 2014

Scientific diving experience

More than 3500 dives