

Resumé (last updated February 2025)

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Personal details

Date and place of birth: October 1952, Sevilla (Spain).
Nationality: Spanish

Higher education

1974. Licenciatura en Ciencias Biológicas, University of Sevilla.

1977. Doctorado en Ciencias Biológicas, University of Sevilla.

Positions held

1975-1977. Graduate student. Estación Biológica de Doñana.

1979-1985. Colaborador Científico, Estación Biológica de Doñana, CSIC.

1986-2022. Profesor de Investigación, Estación Biológica de Doñana, CSIC.

2022- . Profesor de Investigación *ad honorem* (Emeritus), Estación Biológica de Doñana, CSIC.

Main research interests

- Evolutionary ecology of plant-animal and plant-animal-microbial interactions
- Ecological epigenetics and phenotypic plasticity of wild plant populations
- Plant reproductive biology and mating systems
- History and evolution of Mediterranean plants
- Ecology and evolution of intraplant variation
- Ecology, evolution and thermal biology of wild bees

Selected honours and awards

2025. Honoris Causa Doctor, University of Jaén.

2024. Premio Francisco de Asís. Academia de Ciencias Sociales y de Medio Ambiente de Andalucía.

2024. Premi Ramon Margalef d'Ecologia, Generalitat de Catalunya.

2017. Ernst Haeckel Prize, European Ecological Federation.
2010. Honorary Fellowship Award. Spanish Society of Evolutionary Biology (Sociedad Española de Biología Evolutiva, SESBE), Spain.
2004. Elected Member. Real Academia de Ciencias de Sevilla, Spain.
2004. Andalucía Environment Award (Premio Andalucía de Medio Ambiente).
2003. Thomson Reuters Highly-Cited Researcher in Ecology/Environmental Science.
2003. Honorary Fellowship Award. Spanish Society for Terrestrial Ecology (Asociación Española de Ecología Terrestre, AEET), Spain.
2002. Honorary Membership Award. Ecological Society of America, USA.
2001. Spanish National Research Award (Premio Nacional de Investigación 'Alejandro Malaspina'). Ministry of Science and Technology, Spain.
1995. Elected Member, Academia Europaea.
1992. President's Award, American Society of Naturalists, USA.
1992. Corresponding Member, Botanical Society of America, USA.
1991. President's Gold Medal, British Ecological Society, England.
1987. Corresponding Fellow, American Ornithologists' Union, USA.
1978. Doctoral Award, University of Sevilla.
1974. Graduation Award, University of Sevilla.

Editorial Work

- 1990-1994. Editorial Board, *Oecologia*.
- 1990-1995. Editorial Board, *Acta Oecologica*.
- 1999-2002. Editorial Board, *Biotropica*.
- 2006-2011. Editorial Board, *Anales del Jardín Botánico de Madrid*.
- 2005-2013. Editorial Board, *Ecology and Ecological Monographs*.
- 2008-2022. Editorial Board, *Ideas in Ecology and Evolution*.
- 2012-2017. Editorial Board, *Molecular Ecology*.
- 2013-2017. Editorial Board, *Axios Review*.

Teaching and Invited Lectures/Seminars

1980. Visiting Professor. Escuela de Biología and Organization for Tropical Studies (OTS), Universidad de Costa Rica.
1985. Visiting Professor. Organization for Tropical Studies, Universidad de Costa Rica.
1986. Visiting Professor. Organization for Tropical Studies, Universidad de Costa Rica.
1986. Invited Lecturer. Department of Biology, Princeton University, Princeton, USA.
1986. Invited Lecturer. Department of Biology, University of Pennsylvania, Philadelphia, USA.
1989. Visiting Professor. Organization for Tropical Studies, Universidad de Costa Rica.
1989. Visiting Professor. Centro de Ecología, Universidad Nacional Autónoma de México.
1992. Invited Lecturer. University of Umeå, Umeå, Sweden.
1996. Invited Lecturer. Facultad de Biología, Universidad de Sevilla, Sevilla.
- 1997, 1998. Invited Professor. Estación El Ventorrillo, Museo Nacional de Ciencias Naturales, CSIC, Madrid.
1998. Visiting Professor. University of Puerto Rico, Río Piedras, Puerto Rico.
1999. Invited Lecturer. Facultad de Ciencias, Universidad Autónoma de Barcelona.
2000. Invited Lecturer. Facultad de Biología, Universidad de Santiago de Compostela.
2002. Visiting Professor. Instituto de Ecología, Xalapa, Veracruz, México.
2002. Invited Lecturer:
 Centro de Estudios Avanzados de Blanes, CSIC, Spain.
 Department of Botany, University of Toronto, Canada.

Department of Zoology, University of Toronto, Canada.
 Universidad Internacional de Andalucía, Baeza, Spain.
 Universidad Internacional de Andalucía, Santa María de la Rábida, Spain.

2003. Invited Lecturer:

Fundación BBVA, Madrid, Spain.
 Department of Zoology, University of Florida, Gainesville, USA.
 Facultad de Biología, Universidad de Murcia, Murcia, Spain.
 Facultad de Biología, Universidad de Oviedo, Oviedo, Spain.
 Facultad de Biología, Universidad de Santiago, Santiago, Spain.
 Facultad de Biología, Universidad de Sevilla, Sevilla, Spain.
 Museo Nacional de Ciencias Naturales, CSIC, Madrid, Spain.
 Universidad Autónoma de Madrid, Madrid, Spain.
 Universidad Internacional Menéndez Pelayo, Sevilla, Spain.

2004. Invited Lecturer:

Universidad Internacional de Andalucía, Santa María de la Rábida, Spain.

2005. Invited Lecturer:

Museo Nacional de Ciencias Naturales, CSIC, Madrid, Spain.
 Facultad de Biología, Universidad Complutense, Madrid, Spain.

2006. Invited Lecturer:

Estación Experimental de Zonas Áridas, CSIC, Almería, Spain.

2007. Visiting Professor. Instituto de Ecología, Xalapa, Veracruz, México.

2007. Invited Lecturer:

Departamento de Ecología, Universidad Autónoma de Yucatán, Mérida, México.
 Universidad de Huelva, Huelva, Spain.

2008. Invited Lecturer:

Real Academia de Ciencias de Sevilla, Sevilla, Spain.

2009. Invited Lecturer:

Facultad de Farmacia, Universidad Complutense, Madrid, Spain.
 Universidad Internacional Menéndez Pelayo, Sevilla, Spain.
 Facultade de Ciencias, Universidade da Coruña, A Coruña, Spain.

2010. Invited Lecturer:

Facultad de Biología, Universidad de Sevilla, Sevilla, Spain

2011. Invited Lecturer:

Instituto Mediterráneo de Estudios Avanzados (IMEDEA), Mallorca, Spain.
 Universidad Autónoma de Madrid, Madrid, Spain.
 Instituto de Investigaciones Químicas, CSIC, Sevilla, Spain.

2012. Invited Lecturer:

Universidad Autónoma de Madrid, Madrid, Spain.
 Jardín Botánico de Córdoba, Córdoba, Spain.
 Faculty Centre of Biodiversity, University of Vienna, Vienna, Austria.

2013. Invited Lecturer:

Instituto Mediterráneo de Estudios Avanzados (IMEDEA), Mallorca, Spain.
 Ateneo de Sevilla, Sevilla, Spain.
 Facultad de Biología, Universidad de Sevilla, Sevilla, Spain.

2018. Invited Lecturer:

Facultad de Biología, Universidad de Sevilla, Sevilla, Spain.
 Instituto Cavanilles de Biodiversidad y Biología Evolutiva, Valencia, Spain.

2019. Invited Lecturer:

Facultad de Biología, Universidad de Salamanca, Salamanca, Spain.
 Facultad de Ciencias Ambientales y Bioquímica, Universidad de Castilla-La Mancha, Toledo, Spain.

2020. Invited Lecturer:

Facultad de Biología, Universidad de Santiago, Santiago, Spain.

Facultad de Biología, Universidad Complutense, Madrid, Spain.

Facultad de Ciencias, Universidad de Coruña, Coruña, Spain.

2022. Invited Lecturer:

Facultad de Ciencias Experimentales, Universidad de Jaén, Spain.

Facultad de Biología, Universidad Autónoma, Madrid, Spain.

2023. Invited Lecturer:

Ecology, Evolution, and Behavior seminar series. Michigan State University.

Supervision of graduate/postgraduate students

(a) M Sc / Degree Students

Andrada, J. 1977. Alimentación y selección de presa en *Falco naumanni*. University of Sevilla.

Díaz-Paniagua, C. 1978. Estudio de las interacciones entre *Triturus marmoratus* y *Triturus boscai* durante su período larvario. University of Sevilla.

Jordano, P. 1979. Estrategia reproductiva de la zarza (*Rubus ulmifolius*): coevolución con los pájaros dispersantes de las semillas. University of Córdoba.

Fernández, V. 1982. Relaciones entre la avifauna y la estructura de la vegetación en las Sierras de Algeciras (Cádiz). University of Sevilla.

Costa, L. 1982. Evolución estacional de la avifauna en pinares del Parque Nacional de Doñana. University of Sevilla.

Cuadrado, M. 1985. Evolución estacional y técnicas de alimentación en una comunidad de passeriformes de Andalucía occidental. University of Sevilla.

Canché, C. H. 2011. Evaluación experimental de la relación néctar-microorganismos-miel. Centro de Investigación Científica de Yucatán (CICY), Mérida, Yucatán, Mexico.

Camacho, M. 2011. Population genetic structure and clonality of the nectarivorous yeast *Metschnikowia gruessii* associated to *Rosmarinus officinalis* flowers. Pablo de Olavide University, Sevilla.

Gegunde, J. 2019. Long-term variation in pollinator service and consequences in Mediterranean montane habitats. Pablo de Olavide University, Sevilla.

(b) Ph D Students [current academic position in brackets]

Díaz-Paniagua, C. 1982. Ecología de las poblaciones de las larvas de anfibios de las charcas temporales de la Reserva Biológica de Doñana. University of Sevilla. [Investigadora Científica CSIC]

Gutián Rivera, J. 1984. Ecología de las comunidades de aves en hábitats montanos de la Cordillera Cantábrica occidental. University of Santiago. [Profesor Titular de Universidad]

Jordano, P. 1984. Relaciones entre plantas y aves frugívoras en el matorral mediterráneo del área de Doñana. University of Sevilla. [Profesor de Investigación CSIC]

Obeso, J. R. 1986. Ecología de la comunidad de aves en un medio transicional de la Sierra de Cazorla (Jaén). University of Oviedo. [Catedrático de Universidad]

Zamora, R. 1987. Dinámica temporal y selección de hábitat de los passeriformes en la alta montaña de Sierra Nevada. University of Granada. [Catedrático de Universidad]

- Cobo, M. 1991. Vertebrados herbívoros y demografía del matorral de alta montaña en la Sierra de Cazorla. University of Sevilla. [*deceased*]
- Alonso, C. 1997. Variaciones en las relaciones planta-insecto fitófagos: efectos de factores bióticos y abióticos. University of Sevilla. [*Científico Titular CSIC*]
- Garrido, J. L. 2003. Semillas y plántulas de *Helleborus foetidus* L. (Ranunculaceae): Variación geográfica, ecología y evolución. University of Jaén. [*Científico Titular CSIC*]
- Castilla, A. 2012. Variación geográfica, interacciones con animales y dimorfismo sexual: una mirada a los bordes de distribución de una planta ginodioica. University of Sevilla. [*Postdoc researcher, University of Lisbon, Portugal*]
- Pozo, M. I. 2012. Levaduras en el néctar floral: ecología de comunidades e interacciones con insectos polinizadores y plantas hospedadoras. University of Sevilla. [*Postdoc researcher, KU Leuven University, Belgium*]

(c) Postdoctoral associates

- Ramón C. Soriguer. 1978–1980.
- Juan A. Amat. 1980.
- Carmen Díaz Paniagua. 1983–1984.
- María I. Manzur. 1985–1986.
- José R. Obeso. 1986–1987.
- Eugene W. Schupp. 1988–1989.
- Philip E. Hulme. 1990–1992.
- César A. Domínguez. 1991.
- José L. Yela. 1991–1992, 1994–1996.
- Marie-Charlotte Anstett. 1995–1997.
- Xim Cerdá. 1996–1999.
- María B. García González. 1998–2001.
- Ulf Sperens. 2000.
- Conchita Alonso. 2001–2002.
- Alfonso M. Sánchez-Lafuente. 2001–2002.
- María J. Bañuelos. 2002.
- Mónica Medrano. 2001–2011 .
- María Clara Castellanos. 2004–2006.
- Azucena Canto. 2005–2006.
- José M. Ramírez. 2007–2008.
- Beatriz Guzmán. 2010–2011.
- Sergio Alvarez-Pérez. 2010–2012.
- Clara de Vega. 2008–2016.
- Teresa Boquete. 2016– 2021.
- Javier Valverde. 2021– 2024.

Invited plenary/keynote conference presentations

1975. I Congreso Nacional Portugués de Ornitología. Oporto, Portugal.
1978. XVII International Ornithological Congress. Berlin, Germany.
1983. III European Ecological Symposium. Lund, Sweden.
1985. Taller-Simposio sobre Frugivoría y Dispersión de Semillas, Los Tuxtlas, Mexico.
1986. 19th International Ornithological Congress. Ottawa, Canada. 1986.
1987. I Jornadas de Taxonomía Vegetal. Sevilla, Spain.
1987. IX Jornadas Ornitológicas Españolas. Madrid, Spain.

1990. II Jornadas de Taxonomía Vegetal. Madrid, Spain.
1990. Jornadas de Investigación y Conservación en Parques Naturales. Jaén, Spain.
1991. VIth International Conference on Mediterranean Climate Ecosystems. Maleme, Greece.
1993. IX Seminario de Genética de Poblaciones y Evolución. Granada, Spain.
1994. Workshop on Evolutionary Biology. Bellaterra, Barcelona, Spain.
1995. Workshop on Reserves of the Biosphere. Sevilla, Spain.
1996. Conservación y Medio Ambiente en Andalucía. Cazorla, Jaén, Spain.
1996. Evolution, Ecology and Conservation of Mammalian Carnivores. Madrid, Spain.
1997. V Jornadas Asociación Española de Ecología Terrestre. Córdoba, Spain.
1999. 7th Congress of the European Society for Evolutionary Biology. Barcelona, Spain.
2000. Symposium on “*Aspectos funcionales de los ecosistemas Mediterráneos*”, Asociación Española de Ecología Terrestre. Granada, Spain.
2001. XX Reunión Argentina de Ecología. San Carlos de Bariloche, Argentina.
2002. Primer Congreso de Estudiantes de Posgrado del Instituto de Ecología. Xalapa, México.
2003. 88th Annual Meeting, Ecological Society of America. Savannah, Georgia, USA.
2007. Simposio Avances en Interacciones Interespecíficas. Instituto de Ecología, Xalapa, México.
2008. 93th Annual Meeting, Ecological Society of America. Milwaukee, Wisconsin, USA.
2008. Congreso Mexicano de Ecología. Mérida, Yucatán, México.
2009. IX Congreso Nacional de la Asociación Española de Ecología Terrestre. Úbeda, Jaén, Spain.
2010. XIII Congreso Nacional y X Iberoamericano de Etología. Ciudad Real, Spain.
2011. ESF–EMBO Symposium “*Epigenetics in context: from ecology to evolution*”. Sant Feliu de Guixols, Spain.
2012. EcoGenes 7FP Regpot Project Symposium “*Global Change in the Mediterranean: Learning from experiences worldwide*”. Sevilla, Spain.
2013. Biology13. Joint congress of the Swiss Zoological Society, Swiss Botanical Society, and Swiss Systematics Society. Basel, Switzerland.
2013. XIV Congress of the European Society of Evolutionary Biology, Lisbon, Portugal.
2016. 5th Congress of Spanish Society for Evolutionary Biology (SESBE), Murcia, Spain.
2017. VIII Congreso de Biología de Conservación de Plantas, Sociedad Española de Biología de la Conservación de Plantas, Madrid, Spain.
2017. Ecology Across Borders – Joint Annual Meeting 2017 British Ecological Society-European Ecological Federation, Ghent, Belgium.
2021. Epidiverse EpiDiv 2021 Conference. Linking ecology, molecular biology and bioinformatics in plant epigenetic research. Sevilla, Spain.
2024. Calpe Conference 2024, Gibraltar, UK.

Selected professional services

- 1978-1993. Member of the International Ornithological Committee.
- 1979-1982. Member of the Commission of Ecology, International Union for Conservation of Nature (IUCN).
- 1983-1988. Member of the Steering Committee of the European Ecological Symposia.
- 1983, 1988. External advisor, Royal Swedish Academy of Sciences.
- 1983-1986. Member of the Spanish Advisory Commission in Science and Technology (CAICYT).
- 1986-present. Member of the Executive Committee, Parque Natural de Cazorla, Segura y Las Villas (Jaén).
- 1988-1996. Deputy Director, Estación Biológica de Doñana.
1990. Member of the Advisory Committee, Spanish National Commission for Evaluation of Scientific Activity.
1990. External Advisor, Centre National de la Recherche Scientifique (C.N.R.S.), France.
- 1992-1993. Member of the Experts Committee, Andalusian Institute of Environment.

- 1993-1995. Member of the Natural Resources Committee, Spanish Council for Scientific Research (CSIC).
- 1993-1996. Member of the Scientific Advisory Committee, Spanish Council for Scientific Research (CSIC).
- 1998-1999. Member of the Executive Committee, Parque Natural de la Sierra de Castril (Granada).
1998. Vice-President, Society for the Study of Evolution, USA.
- 1999-2000. Chairman, Panel Natural Resources and Environment, Andalusian Regional Government Research Plan.
2001. Search Committee for Senior Position in Plant Ecology, University of Stockholm, Swedish Research Council.
- 1999-2002. Steering Committee, LINKECOL ESF Program, European Science Foundation.
- 1999-2002. Council member, European Society of Evolutionary Biology.
- 2001-2002. Committee for Ramon & Cajal Contracts, Spanish Ministry of Science and Education.
2003. Member of Jury, Spanish National Research Awards.
- 2005-2008. Council member, European Society of Evolutionary Biology.
- 2005-2006. Panel member, Conservation biology and biodiversity projects, Fundación BBVA, Spain.
- 2009-2013. INTECOL 2013 International Scientific Committee, British Ecological Society.
- 2012-2013. Panel member, National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Italy.
- 2012-2016. Steering Committee member, Severo Ochoa Excellence Program, Estación Biológica de Doñana, CSIC.
2013. Evaluation panel for tenure track positions. University of Oulu, Finland.

Impact of scientific publications

Citation metrics

Stanford Ranking (career, 2021):

c (ns) = 4.3287, World rank = 4,845th, Spain rank = 26th, CSIC rank = 4th

	Web of Knowledge	Google Scholar
Cumulative number of citations	15,180	25,357
H index	71	86

Commentaries/highlights/reviews of publications in professional journals

Publication referred	Commentary/highlight/review
Herrera, C. M. 1997. <i>Oikos</i> 78, 601-611.	Moore, P. D. 1997. Insect pollinators see the light. <i>Nature</i> 387, 759-760.
Herrera, C. M. 1998. <i>Ecol. Monogr.</i> 68, 511-538.	Invited commentary: Levey, D. J., and Benkman, C. 1999. Fruit-seed disperser interactions: timely insights from a long-term perspective. <i>Trends in Ecology & Evolution</i> 14, 41-43.
Herrera, C. M. 2000. <i>Ecology</i> 81, 15-29.	Editor's Choice: Highlights of the recent literature. <i>Science</i> 287, 935.

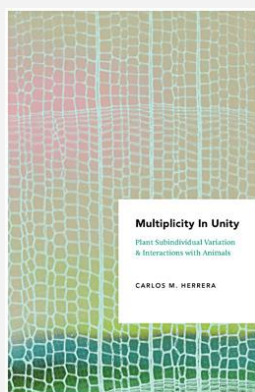
Herrera, C. M. 2001. *J. Evol. Biol.* 14, 574-584.

Herrera, C. M., and O. Pellmyr, eds. 2002. *Plant-animal interactions: an evolutionary approach*. Blackwell, Oxford.

Rey, P. J., C. M. Herrera, et al. 2006. *J. Evol. Biol.* 19, 21-34.

Herrera, C. M., et al. 2008. *Ecology* 89, 2369-2376.

Herrera, C. M. 2009. *Multiplicity in unity. Plant subindividual variation and interactions with animals*. University of Chicago Press.



Herrera, C. M., and P. Bazaga. 2010. *New Phytologist* 187, 867-876.

Herrera, C. M., and P. Bazaga. 2011. *Molecular Ecology* 20, 1675-1688.

Herrera, C. M., M. I. Pozo, and P. Bazaga. 2011. *Molecular Ecology* 20, 4395-4407.

Herrera, C. M., M. I. Pozo, and P. Bazaga. 2012. *Molecular Ecology* 21, 2602-2626

Brown, K. S. 2002. A compromise on floral traits. *Science* 298, 45-46.

American Journal of Botany 90, 330-332; *Ecology* 84, 807-808; *Global Ecology & Biogeography* 12, 357-360; *Quarterly Review of Biology* 78, 82-83; *Trends in Ecology & Evolution* 18, 12.

Faculty of 1000 Biology (Factor 3).

Featured in journal front cover

Faculty of 1000 Biology (Factor 6)

Harder, L. D. 2010. Variations on a theme – the ecology and evolution of within-plant diversity. *Evolution* 64, 2184-2187

Shaw, A. J. 2010. Intra-individual variation. *The Bryologist* 113, 423-425.

Wardle, D. A. 2010. Subindividual plant trait variation matters. *BioScience* 60, 764-765.

Carrión, J. S. 2010. *Anales del Jardín Botánico de Madrid* 67, 203-204.

Raguso, R. A. 2011. *Quarterly Review of Biology* 86, 146-147.

Scogings, P. F. 2011. *Austral Ecology* 36, e22.

del-Val, E. 2012. *Annals of Botany*.
[doi:10.1093/aob/mcs279](https://doi.org/10.1093/aob/mcs279).

Faculty of 1000 Biology (Factor 8).

Invited commentary: Richards, C. L., O. Bosssdorf, K. J. F. Verhoeven. 2010. Understanding natural epigenetic variation. *New Phytologist* 187, 562-564.

Invited commentary: Bosssdorf, O., and Y. Zhang. 2011. A truly ecological epigenetics study. *Molecular Ecology* 20, 1572-1574.

Featured in journal front cover

Invited commentary: Gerstein, A., and J. S. Moore. 2011. Small is the new big: assessing the population structure of microorganisms. *Molecular Ecology* 20, 4385-4387.

Invited commentary: Schrey, A., and C. L. Richards. 2012. Within-genotype epigenetic variation underlies the phenotypic plasticity that allows for a broad niche width. *Molecular Ecology* 21, 2559-2561.

Herrera, C. M., and P. Bazaga. 2013. <i>Botanical Journal of the Linnean Society</i> 171, 441–452.	Highlighted by The Linnean Society of London: Why is holly prickly?
Herrera, C. M., M. I. Pozo, and M. Medrano. 2013. <i>Ecology</i> 94, 273-279.	Invited commentary, highlighted in photo gallery. Featured in journal front cover of Bulletin of the Ecological Society of America
Medrano, M., E. López-Perea, and C. M. Herrera. 2014. <i>International Journal of Plant Sciences</i> 175, 501-517	Featured in journal front cover
Herrera, C. M., P. Bazaga, R. Pérez, and C. Alonso. 2021. <i>New Phytologist</i> 231, 2065-2076.	Invited commentary: Wetzel, W. C. 2021. Plants as epigenetic mosaics: harnessing variability to thrive in a variable world. <i>New Phytologist</i> 231, 1667-1669.
de Vega, C., R. G. Albaladejo, S. Álvarez-Pérez, and C. M. Herrera. 2022. <i>American Journal of Botany</i> 109, 393-405	Featured in journal front cover
Herrera, C. M., M. Medrano, P. Bazaga, and C. Alonso. 2022. Ecological significance of intraplant variation: epigenetic mosaicism in <i>Lavandula latifolia</i> plants predicts extant and transgenerational variability of fecundity-related traits. <i>Journal of Ecology</i> 110, 2555-2567.	Editor's Choice (110: 11). <i>Journal of Ecology</i> , The Blog. Does the life of the parent affect the fitness of the child, and the grandchild?
Herrera, C. M., A. Núñez, J. Valverde, and C. Alonso. 2023. Body mass decline in a Mediterranean community of solitary bees supports the size shrinking effect of climatic warming. <i>Ecology</i> 104, e4128	Featured in journal front cover
Herrera, C. M. 2024. Refrigerated flowers in the torrid Mediterranean summer. <i>Ecology</i> 105, e4268	Photo Gallery <i>Bulletin of the Ecological Society of America</i> 105, e02137. This flower refrigerates itself to survive scorching summers. <i>Scientific American</i> , February 27, 2024

Selected media coverage

2002. C. M. Herrera [interviewed by Carmen Recuero](#) in *Quercus* **198**, 46-47.
2003. C. M. Herrera featured in Diario ABC, [Españoles en la Vanguardia de la Ciencia](#).
2004. C. M. Herrera [biographed by B. Varillas](#) in *Quercus* **226**, 8-11.
2005. C. M. Herrera featured in Diario El País, “[15 científicos que investigan en España, entre los más citados del mundo](#)”.
2010. Blog *Ciencia Dicente* features C. M. Herrera, “[Cómo ser darwiniano y no matar en el intento](#)”.
2010. Blog *Segura en Verde* interviews C. M. Herrera, “[Así ve el Parque el mejor ecólogo español](#)”.
2010. Agencia EFE interviews C. M. Herrera, “[Los espacios naturales son laboratorios que hay que conservar](#)”.
2011. Casa de la Ciencia (CSIC) features C. M. Herrera, “[La ciencia le eligió a él](#)”.

Selected press highlights of scientific publications:

2010. The New York Times [Yeast makes temperatures rise, too](#)
2010. New Scientist [Stinky flower is kept warm by yeast partner](#)
2010. The Scientist [Yeast heaters](#)
2010. Der Spiegel [Stinkende Nieswurz lockt frierende Hummeln](#)
2010. El Norte de Castilla. [Científico del CSIC descubre que la levadura calienta las plantas invernales](#)
2010. Agencia EFE. [La levadura, calefacción de las plantas invernales.](#)
2010. ScienceDaily [Withering well can improve fertility](#)
2011. Kew Magazine [Central heating for hellebores](#)
2012. National Geographic Daily News: [Hollies get prickly for a reason](#)
2013. The Washington Post [The internal greenhouse effect of a daffodil](#)
2023. New Scientist [Wild bees are rapidly shrinking due to global warming.](#)
2024. ScienceNews. [On hot summer days, this thistle is somehow cool to the touch.](#)
2024. EfeVerde. [El cardo, una "planta botijo" que mantiene sus flores 10 grados más frías en verano](#)

Scientific publications

(a) Books and monographs

- a1. **Herrera, C. M.** 1980. *Composición y estructura de dos comunidades mediterráneas de Passeriformes*. Doñana Acta Vertebrata, Special Monograph, 340 p.
- a2. Amat, J. A., Díaz, C., **Herrera, C. M.**, Jordano, P., Obeso, J. R. and Soriguer, R. C. 1985. *Criterios de valoración de zonas húmedas de importancia nacional y regional en función de las aves acuáticas*. Monografías ICONA, Minist. Agricult., Madrid. 78 p.
- a3. **Herrera, C. M.**, Araque, E. and Sánchez, J. D. 1992. *Bibliografía sobre historia natural y geoeconómica del Parque Natural de las Sierras de Cazorla, Segura y Las Villas*. Agencia de Medio Ambiente, Junta de Andalucía, Jaén. 83 p.
- a4. Blanca, G., B. Cabezudo, J. E. Hernández-Bermejo, **C. M. Herrera**, J. Molero Mesa, J. Muñoz and B. Valdés. 1999. *Libro rojo de la flora silvestre amenazada de Andalucía. I. Especies en peligro de extinción*. Consejería de Medio Ambiente, Junta de Andalucía, Sevilla, Spain. 302 p.
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