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## A Scientific Name for Pacific Oysters

Brian Bayne  
baynebrian@hotmail.com

Marc Anglès d'Auriac  
*Norwegian Institute for Water Research*, mad@niva.no

Thierry Backeljau  
*Royal Belgian Institute of Natural Sciences*, tbackeljau@naturalsciences.be

Peter Beninger  
*Université de Nantes*, peter.beninger@univ-nantes.fr

Pierre Boudry  
*IFREMER*, pierre.boudry@ifremer.fr

*See next page for additional authors*

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## Authors

Brian Bayne, Marc Anglès d'Auriac, Thierry Backeljau, Peter Beninger, Pierre Boudry, Ryan B. Carnegie, Jonathan P. Davis, Ximing Guo, Dennis Hedgecock, Maureen Krause, Chris Langdon, Sylvie Lapègue, Donal Manahan, Roger Mann, Eric Powell, and Sandra Shumway

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**A scientific name for Pacific oysters**

B. Bayne<sup>a</sup>, M. Anglès d'Auriac<sup>b</sup>, T. Backeljau<sup>c</sup>, P. Beninger<sup>d</sup>, P. Boudry<sup>e</sup>, R. Carnegie<sup>f</sup>, J. Davis<sup>g</sup>, X. Guo<sup>h</sup>, D. Hedgecock<sup>i</sup>, M. Krause<sup>j</sup>, C. Langdon<sup>k</sup>, S. Lapègue<sup>l</sup>, D. Manahan<sup>i</sup>, R. Mann<sup>f</sup>, E. Powell<sup>m</sup>, S. Shumway<sup>n</sup>

<sup>a</sup> Edinburgh, UK; [baynebrian@hotmail.com](mailto:baynebrian@hotmail.com)

<sup>b</sup> Norwegian Institute for Water Research (NIVA), Gaustadalléen 21, Oslo 0349, Norway; [mad@niva.no](mailto:mad@niva.no)

<sup>c</sup> Royal Belgian Institute of Natural Sciences, Vautierstraat 29, B-1000 Brussels, Belgium; [tbackeljau@naturalsciences.be](mailto:tbackeljau@naturalsciences.be)

<sup>d</sup> Laboratoire de Biologie Marine, MMS, Université de Nantes, 2 rue de la Houssinière, Nantes 44322 France; [Peter.Beninger@univ-nantes.fr](mailto:Peter.Beninger@univ-nantes.fr)

<sup>e</sup> Ifremer, LEMAR UMR 6539, CNRS/UBO/IRD/Ifremer, F-29280, Plouzané, France ; [Pierre.Boudry@ifremer.fr](mailto:Pierre.Boudry@ifremer.fr)

<sup>f</sup> Virginia Institute of Marine Science, College of William & Mary, P.O. Box 1346, Gloucester Point, VA 23062 USA; [carnegie@vims.edu](mailto:carnegie@vims.edu),

<sup>g</sup> Baywater Shellfish Farm, 10610 NE Manitou Park Boulevard, Bainbridge Island, WA 98110 USA; [jothpdavis@gmail.com](mailto:jothpdavis@gmail.com)

<sup>h</sup> Haskin Shellfish Research Laboratory, Department of Marine and Coastal Sciences, Rutgers University, 6959 Miller Avenue, Port Norris, NJ 08349, USA. [xguo@hsrl.rutgers.edu](mailto:xguo@hsrl.rutgers.edu)

<sup>i</sup> Department of Biological Sciences, University of Southern California, Los Angeles, CA 90089-0371 USA; [dhedge@usc.edu](mailto:dhedge@usc.edu), [manahan@usc.edu](mailto:manahan@usc.edu)

<sup>j</sup> Hofstra University, 114 Hofstra University, Hempstead, NY 11549-1140 USA; email: [Maureen.K.Krause@hofstra.edu](mailto:Maureen.K.Krause@hofstra.edu)

<sup>k</sup> Oregon State University, Hatfield Marine Science Center, 2030 SE Marine Science Drive, Newport, Oregon 97365 USA; [chris.langdon@oregonstate.edu](mailto:chris.langdon@oregonstate.edu)

<sup>l</sup> Ifremer, LGPMM, Avenue de Mus de Loup, 17390 La Tremblade, France; [Sylvie.Lapegue@ifremer.fr](mailto:Sylvie.Lapegue@ifremer.fr)

<sup>m</sup> Gulf Coast Research Laboratory, University of Southern Mississippi, 703 East Beach Dr., Ocean Springs, MS 39564 USA [eric.n.powell@usm.edu](mailto:eric.n.powell@usm.edu)

<sup>n</sup> Department of Marine Sciences, University of Connecticut, 1080 Shennecossett Road, Groton, CT 06340 USA; [sandra.shumway@uconn.edu](mailto:sandra.shumway@uconn.edu)

Corresponding author: Dennis Hedgecock  
3616 Trousdale Pkwy, AHF 107  
Department of Biological Sciences  
University of Southern California  
Los Angeles, CA 90089-0371  
Tel: 1 213 821-2091  
Fax: 1 213 740-8123  
[dhedge@usc.edu](mailto:dhedge@usc.edu)

Dear Editor,

We write concerning the scientific name for the Pacific oyster used by *Aquaculture*. An article in the 1 October issue (Ugalde et al. 2018) presents the binomial for the Pacific oyster as “*Magallana gigas*, previously known as *Crassostrea gigas*,” citing Salvi et al. (2014).

The suggestion by Salvi et al. (2014) and Salvi and Mariottini (2017) that the genus *Crassostrea*, as applied to cupped oysters of Pacific origin (e.g., *Crassostrea gigas*, the Pacific oyster), be replaced by the genus *Magallana* has been greeted with dismay by researchers and aquaculturists alike. Bayne et al. (2017) have recently published a short dissenting view, calling the suggestion “disruptive and destabilizing.”

The World Register of Marine Species (WoRMS) initially disseminated the proposed genus change. On receipt of our “dissenting view,” WoRMS re-instated *Crassostrea* but in a way that, we believe, confuses the situation. WoRMS now describes *Crassostrea* (as of 25 July 2018) as an “alternate representation,” which it defines as “an accepted name...but slightly less preferred.” The basis for this ‘preference’ is not clear, but its assertion is not a scientific resolution of the taxonomic conflict for this important aquaculture species.

We anticipate that the majority of researchers will continue to refer to the Pacific oysters as *Crassostrea*. Indeed, since Salvi and Mariottini (2017), only 11 papers in 10 journals have used *Magallana gigas*, while over 700 papers in over 200 journals used *Crassostrea gigas* (Web of Science). Nevertheless, there is potential for confusion to spread among researchers, including young scientists who are publishing for the first time.

We ask that you require manuscripts submitted for publication to use *Crassostrea* as the accepted genus for all Pacific and Atlantic cupped oysters, until a more detailed and comprehensive genomic analysis resolves the correct nomenclature. In the interim, this conservative taxonomic usage will help to avoid misunderstanding, anxiety and disorder.

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