



CORRECTION

Open Access



# Correction: Ex situ germination of European acorns: data from 93 batches of 12 Quercus species

María Medina<sup>1</sup>, Marino P. Reyes-Martín<sup>1</sup>, Laura Levy<sup>1</sup>, Alba Lázaro-González<sup>1,2</sup>, Enrique Andivia<sup>3</sup>, Peter Annighöfer<sup>4</sup>, Farhah Assaad<sup>4</sup>, Jürgen Bauhus<sup>5</sup>, Raquel Benavides<sup>6</sup>, Henrik Böhlenius<sup>7</sup>, Vito E. Cambria<sup>8</sup>, María D. Carbonero<sup>9</sup>, Jorge Castro<sup>1</sup>, Akaki Chalatashvili<sup>10</sup>, Donato Chiatante<sup>11</sup>, Claudia Cocozza<sup>12</sup>, Sofa Corticeiro<sup>13</sup>, Dagnija Lazdina<sup>14</sup>, Giovanbattista De Dato<sup>15</sup>, Michele De Sanctis<sup>8</sup>, Jovana Devetaković<sup>16</sup>, Lars Drossler<sup>17</sup>, Lenka Ehrenbergerová<sup>18</sup>, Peter Ferus<sup>19</sup>, Lorena Gómez-Aparicio<sup>20</sup>, Arndt Hampe<sup>2</sup>, Kjersti H. Hanssen<sup>21</sup>, Berthold Heinze<sup>22</sup>, Marcin Jakubowski<sup>23</sup>, María N. Jiménez<sup>24</sup>, Branko Kanjevac<sup>16</sup>, Jan J. Keizer<sup>25</sup>, Ivona Kerkez-Janković<sup>16</sup>, Marcin Klisz<sup>26</sup>, Wojciech Kowalkowski<sup>23</sup>, Klaus Kremer<sup>5</sup>, Johan Kroon<sup>27</sup>, Dario La Montagna<sup>8</sup>, Jelena Lazarević<sup>28</sup>, Emanuele Lingua<sup>29</sup>, Manuel E. Lucas-Borja<sup>30</sup>, Adrian Łukowski<sup>23</sup>, Magnus Löf<sup>7</sup>, Paula Maia<sup>31</sup>, Paola Mairotta<sup>32</sup>, Alberto Maltoni<sup>12</sup>, Barbara Mariotti<sup>12</sup>, Antonín Martiník<sup>18</sup>, Rafaella Marzano<sup>33</sup>, Luis Matías<sup>34</sup>, Ryan W. Mcclory<sup>35</sup>, Manuel Merino<sup>36</sup>, Lucia Mondanelli<sup>1,12</sup>, Antonio Montagnoli<sup>11</sup>, Maria C. Monteverdi<sup>15</sup>, Ricardo Moreno-Llorca<sup>36</sup>, Francisco B. Navarro<sup>37</sup>, Marina Nonić<sup>16</sup>, Luís Nunes<sup>38,39</sup>, Juan A. Oliet<sup>40</sup>, Maria S. Patrício<sup>38,39</sup>, Zoran Poduška<sup>41</sup>, Vladan Popovic<sup>41</sup>, Radosław Puchałka<sup>42</sup>, José M. Rey-Benayas<sup>43</sup>, Piotr Robakowski<sup>23</sup>, Piotr Sewerniak<sup>44</sup>, Marek Szczerba<sup>45</sup>, Carmen Ureña-Lara<sup>3</sup>, Viktorija Vendina<sup>14</sup>, Pedro Villar-Salvador<sup>43</sup>, Johanna Witzell<sup>27</sup> and Alexandro B. Leverkus<sup>1,36,43\*</sup>

## Correction: *Annals of Forest Science* 81, 50 (2024) <https://doi.org/10.1186/s13595-024-01267-2>

Following publication of the original article (Medina et al. 2024), the authors identified an error in the funding declaration.

The originally published funding statement was:

This research was funded by grant TRANS-ECO (TED2021-130976B-100) from Ministry of Science and Innovation/NextGeneration, grant RESISTRES

(C-EXP267-UGR23) from University of Granada/Junta de Andalucía/FEDER, and grant RESTAURABIEN (RTI2018-096187-J-100) from the Spanish Ministry of Science, Innovation and Universities/FEDER, the PEN-CAFoRR (Pan-European Network for Climate Adaptive Forest Restoration and Reforestation) COST Action (European Cooperation in Science and Technology), and local funders for the fieldwork of each co-author.

The updated funding statement is:

This research was funded by grant TED2021-130976B-I00 funded by MICIU/AEI/10.13039/501100011033 and by the European Union Next GenerationEU/PRTR, grant RESISTRES (C-EXP267-UGR23) from University of Granada/Junta de Andalucía/FEDER, and grant RESTAURABIEN (RTI2018-096187-J-100) from the Spanish Ministry of Science, Innovation and Universities/FEDER, the PEN-CAFoRR (Pan-European Network for Climate Adaptive

The original article can be found online at <https://doi.org/10.1186/s13595-024-01267-2>.

\*Correspondence:

Alexandro B. Leverkus  
leverkus@ugr.es

Full list of author information is available at the end of the article



© The Author(s) 2025. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

Forest Restoration and Reforestation) COST Action (European Cooperation in Science and Technology), and local funders for the fieldwork of each co-author.

The original article (Medina et al. 2024) has been corrected.

#### Author details

<sup>1</sup>Department of Ecology, University of Granada, Granada 18071, Spain. <sup>2</sup>BIOGECO, INRAE, University of Bordeaux, Cestas 33610, France. <sup>3</sup>Department of Biodiversity, Ecology and Evolution, Faculty of Biological Sciences, Universidad Complutense de Madrid, Jose Antonio Novais 12, 28040 Madrid, Spain. <sup>4</sup>School of Life Sciences, Technical University of Munich, 85354 Freising, Germany. <sup>5</sup>Chair of Silviculture, Institute of Forest Sciences, University of Freiburg, Tennenbacherstraße, 79106 Freiburg, Germany. <sup>6</sup>Centro Para La Biodiversidad y Desarrollo Sostenible, Universidad Politécnica de Madrid (CBDS-UPM), C/José Antonio Novais 10, 28040 Madrid, Spain. <sup>7</sup>Swedish University of Agricultural Sciences, Southern Swedish Forest Research Centre, Sundsvägen, Sweden. <sup>8</sup>Department of Environmental Biology, Botanic Garden of Rome, Sapienza University for Rome, Piazzale Aldo Moro 5, 000185 Rome, Italy. <sup>9</sup>Andalusian Institute of Agrarian Fishing Food Investigation and Ecological Production Hinojosa del Duque Center, Hinojosa del Duque Center Road El Viso Km 2, 14270 Hinojosa del Duque, Córdoba, Spain. <sup>10</sup>WWF Caucasus, 11 Merab Aleksidze Street, 0193 Tbilisi, Georgia. <sup>11</sup>Department of Biotechnology and Life Science, University of Insubria, Via Dunant, 3 - 21100 Varese, Italy. <sup>12</sup>Department of Agriculture, Food, Environment and Forestry (DAGRI), University of Florence, Via San Bonaventura 13, 50145 Florence, Italy. <sup>13</sup>Department of Environment and Planning and Centre for Environmental and Marine Studies, Universidade de Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal. <sup>14</sup>Latvian State Forest Research Institute Silava, Riga Street 111, Salaspils, Latvia. <sup>15</sup>CREA Research Centre for Forestry and Wood, Viale Santa Margherita 80, 52100 Arezzo, AR, Italy. <sup>16</sup>Faculty of Forestry, University of Belgrade, Kneza Višeslava 1, Belgrade, Serbia. <sup>17</sup>Ilia State University, Cholokhashvili Ave. 3/5, 0162 Tbilisi, Georgia. <sup>18</sup>Mendel University in Brno, Zemědělská 1, Brno 613 00, Czech Republic. <sup>19</sup>Department of Dendrobiology, Institute of Forest Ecology SAS, Vieska Nad Žitavou 178, Slepčany 95152, Slovakia. <sup>20</sup>Institute of Natural Resources and Agrobiology of Seville (IRNAS), CSIC, Avenida Reina Mercedes 10, 41012 Seville, Spain. <sup>21</sup>Norwegian Institute of Bioeconomy Research, P.O. Box 115, 1431 Ås, Norway. <sup>22</sup>BFW Austrian Research Centre for Forests, Seckendorf-Gudent Weg 8, 1130 Vienna, Austria. <sup>23</sup>Faculty of Forestry and Wood Technology, Poznań University of Life Sciences, Wojska Polskiego, Poznań, Poland. <sup>24</sup>Department of Botany, University of Granada, 18071 Granada, Spain. <sup>25</sup>Department of Environment and Planning, and GeoBioTec, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal. <sup>26</sup>Department of Silviculture and Forest Tree Genetics, Forest Research Institute, Braci Lesnej 3, Sękcine Stary, 05-090 Raszyn, Poland. <sup>27</sup>Department of Forestry and Wood Technology, Linnaeus University, Georg Luckligs Väg 1, 35195 Växjö, Sweden. <sup>28</sup>Bio-technical Faculty, University of Montenegro, Mihaila Lalica 15, Podgorica, Montenegro. <sup>29</sup>Dept. TESAF, University of Padova/Viale Dell'Università, 16 I-35020 Legnaro, PD, Italy. <sup>30</sup>Castilla La Mancha University, Campus Universitario S/N, 02071 Albacete, Spain. <sup>31</sup>Department of Biology and Centre for Environmental and Marine Studies, Universidade de Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal. <sup>32</sup>Dipartimento Di Scienzedel, Della Pianta E Degli Alimenti - Di.S.S.P.A/Università Degli Studi Di Bari Aldo Moro, Via Amendola 165/A, 70126 Bari, Italy. <sup>33</sup>Department of Agricultural, Forest and Food Sciences (DISAFA), University of Torino, Largo Braccini 2, 10095 Grugliasco, ITTO, Italy. <sup>34</sup>Facultad de Biología, Universidad de Sevilla, Av. Reina Mercedes SN, Seville, Spain. <sup>35</sup>School of Agriculture, Policy and Development, University of Reading, PO Box 237, WhiteknightsReading, Reading RG6 6EU, UK. <sup>36</sup>Laboratory of Ecology (iEcolab), Inter-University Institute for Earth System Research in Andalusia (IIESTA), Granada, Spain. <sup>37</sup>Andalusian Institute of Agricultural Research and Training (IFAPA), Camino de Purchil S/N, 18004 Granada, Spain. <sup>38</sup>CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal. <sup>39</sup>Laboratório Associado Para a Sustentabilidade E Tecnologia Em Regiões de Montanha (SusTEC), Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal. <sup>40</sup>Universidad Politécnica

de Madrid, ETS Ingeniería de Montes, Forestal y del Medio Natural. José Antonio Novais 10, 28040 Madrid, Spain. <sup>41</sup>Institute of Forestry, Kneza Višeslava 3, Belgrade, Serbia. <sup>42</sup>Department of Ecology and Biogeography, Nicolaus Copernicus University in Toruń, Lwowska 1, 87-100 Toruń, Poland.

<sup>43</sup>Forest Ecology and Restoration Group, Departamento de Ciencias de La Vida, Universidad de Alcalá, Alcalá de Henares, 28805 Madrid, Spain.

<sup>44</sup>Department of Soil Science and Landscape Ecology, Nicolaus Copernicus University in Toruń, Lwowska 1, 87-100 Toruń, Poland. <sup>45</sup>Regionalna Dyrekcja Lasów Państwowych W Szczecinie Wydział Użytkowania Lasu, Ul. Juliusza Słowackiego 2, 71-434 Szczecin, Poland.

Published online: 19 March 2025

#### Reference

Medina M, Reyes-Martín MP, Levy L et al (2024) Ex situ germination of European acorns: data from 93 batches of 12 *Quercus* species. Ann for Sci 81:50. <https://doi.org/10.1186/s13595-024-01267-2>