

James Edward Richardson  
Historia Natural de las Plantas Tropicales  
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## Employment

### **Historia Natural de las Plantas Tropicales**

Universidad del Rosario  
Colombia  
oct 1 2015 → present

### **Facultad de Ciencias Naturales**

Universidad del Rosario  
Colombia  
jul 24 2015 → present

## Research output

### **Untapped resources for medical research**

Pérez-Escobar, O. A., Richardson, J. E., Howes, M-J. R., Lucas, E., Álvarez de Róman, N., Collemare, J., Graham, I. A., Gratzfeld, J., Kersey, P. J., Leitch, I. J., Paton, A., Hollingsworth, P. M. & Antonelli, A., ago 14 2020, En : *Science*. 369, 6505, p. 781-782 2 p.

### **Phytosociological data and herbarium collections show congruent large-scale patterns but differ in their local descriptions of community composition**

Bottin, M. J., Peyre, G., Vargas, C., Raz, L., Richardson, J. E. & Sanchez, A., nov 1 2019, En : *Journal of Vegetation Science*. p. 1-9 9 p.

### **The Family Placement of *Cyrtandromoea***

Richardson, J. E., ago 1 2019, En : *Systematic Botany*. 44, 3, p. 616 630 p.

### **Character Evolution and Recircumscription of the Northern Andean *Begonia* Section *Casparya* (Begoniaceae): *Begonia* character evolution**

Jara-Muñoz, O. A., Richardson, J. E. & Madriñan, S., feb 1 2019, En : *Systematic Botany*. 44, 1, p. 52-65 14 p.

### **PHYLOGENY of TWO AFRICAN GENERA of SAPOTACEAE - ENGLEROPHYTUM and SYNSEPALUM: phylogeny *Sapotaceae***

Borg, D., Richardson, J. E., Harris, D. J., Gautier, L., Hughes, M. & MacKinder, B., ene 1 2019, En : *Edinburgh Journal of Botany*. p. 1 37 p.

### **Graphs in phylogenetic comparative analysis: Anscombe's quartet revisited**

Revell, L. J., Schliep, K., Valderrama, E. & Richardson, J. E., oct 1 2018, En : *Methods in Ecology and Evolution*. 9, 10, p. 2145-2154 10 p.

### **Biotic homogeneity of putative biogeographic units in the Neotropics: A test with *Sapotaceae***

Serrano, J., Richardson, J. E., Pennington, T. D., Cortes-B, R., Cardenas, D., Elliott, A. & Jimenez, I., ago 1 2018, En : *Diversity and Distributions*. 24, 8, p. 1121-1135 15 p.

### **Peace in Colombia is a critical moment for Neotropical connectivity and conservation: Save the northern Andes-Amazon biodiversity bridge. La paz en Colombia es un momento crítico para la conectividad y la conservación neotropicales: salvar el puente de biodiversidad de los Andes del norte y el Amazonas.**

Clerici, N., Salazar, C., Pardo-Díaz, C., Jiggins, C. D., Richardson, J. E. & Linares, M., jul 13 2018, En : *Conservation Letters*. N/A, N/A, p. 1 7 p., 12594.

**Filters of floristic exchange: How traits and climate shape the rain forest invasion of Sahul from Sunda**

Yap, J. Y. S., Rossetto, M., Costion, C., Crayn, D., Kooyman, R. M., Richardson, J. & Henry, R., abr 1 2018, En : Journal of Biogeography. 45, 4, p. 838-847 10 p.

**Convergent morphology in alpinieae (Zingiberaceae): Recircumscribing amomum as a monophyletic genus**

de Boer, H., Newman, M., Poulsen, A. D., Jane Droop, A., Fér, T., Hiên, L. T. T., Hlavatá, K., Lamxay, V., Richardson, J. E., Steffen, K. & Leong-Škorničková, J., mar 1 2018, En : Taxon. 67, 1, p. 6-36 31 p.

**Using dated molecular phylogenies to help reconstruct geological, climatic, and biological history: Examples from Colombia**

Richardson, J. E., Madriñán, S., Gómez-Gutiérrez, M. C., Valderrama, E., Luna, J., Banda-R., K., Serrano, J., Torres, M. F., Jara, O. A., Aldana, A. M., Cortés-B., R., Sánchez, D. & Montes, C., ene 1 2018, (En prensa) En : Geological Journal.

**Transcriptome mining for phylogenetic markers in a recently radiated genus of tropical plants (Renealmia L.f., Zingiberaceae)**

Valderrama, E., Richardson, J. E., Kidner, C. A., Madriñán, S. & Stone, G. N., 2018, En : Molecular Phylogenetics and Evolution. 119, p. 13-24 12 p.

**Genetic diversity in the Andes: variation within and between the South American species of Oreobolus R. Br. (Cyperaceae)**

Gómez-Gutiérrez, M. C., Pennington, R. T., Neaves, L. E., Milne, R. I., Madriñán, S. & Richardson, J. E., oct 1 2017, En : Alpine Botany. 127, 2, p. 155-170 16 p.

**A new species of Begonia section Casparya from the Colombian eastern cordillera and a key to the Colombian Casparya**

Jara-Muñoz, O. A., Richardson, J. E. & Madriñán, S., sep 15 2017, En : Phytotaxa. 321, 2, p. 208-212 5 p.

**Origin of tropical diversity: from clades to communities**

Richardson, J. E. (ed.), dic 2016, Frontiers Media S. A. (Frontiers Research Topics)

**Editorial: Origin of tropical diversity: From clades to communities**

Richardson, J. E. & Pennington, R. T., oct 20 2016, En : Frontiers in Genetics.

**Colombia: Dealing in conservation**

Clerici, N., Richardson, J. E., Escobedo, F. J., Posada, J. M., Linares, M., Sanchez, A. & Vargas, J. F., oct 14 2016, En : Science. 354, 6309, p. 190

**The significance of meristic changes in the flowers of Sapotaceae**

Kümpers, B. M. C., Richardson, J. E., Anderberg, A. A., Wilkie, P. & Ronse De Craene, L. P., feb 1 2016, En : Botanical Journal of the Linnean Society. p. 161-192 32 p.

**Do Mediterranean-type ecosystems have a common history?-Insights from the Buckthorn family (Rhamnaceae)**

Onstein, R. E., Carter, R. J., Xing, Y., Richardson, J. E. & Linder, H. P., mar 1 2015, En : Evolution. 69, 3, p. 756-771 16 p.

**Continental-scale diversification patterns in a megadiverse genus: The biogeography of Neotropical Begonia**

Moonlight, P. W., Richardson, J. E., Tebbitt, M. C., Thomas, D. C., Hollands, R., Peng, C-I. & Hughes, M., 2015, En : Journal of Biogeography. 42, 6, p. 1137-1149 13 p.

**Corrigendum to Patterns of diversification amongst tropical regions compared: A case study in Sapotaceae**

Armstrong, K. E., Stone, G. N., Nicholls, J. A., Valderrama, E., Anderberg, A. A., Smedmark, J., Gautier, L., Naciri, Y., Milne, R. & Richardson, J. E., 2015, En : Frontiers in Genetics. 6, MAR

Corrigendum to Patterns of diversification amongst tropical regions compared: A case study in Sapotaceae [Front. Genet., 5, (2014), 362]. DOI: 10.3389/fgene.2014.00362

Armstrong, K. E., Stone, G. N., Nicholls, J. A., Valderrama, E., Anderberg, A. A., Smedmark, J., Gautier, L., Naciri, Y., Milne, R. I. & Richardson, J. E., 2015, En : *Frontiers in Genetics*.

**Historical biogeography of the Neotropical legume genus *Dussia*: the Andes, the Panams Isthmus and the Choco**  
Richardson, J-E., Winterton, C., Hart, M. L., Clark, A., Zamora, N. & Pennington, R. T., 2015, Missouri Botanical Garden.

**The age of chocolate: a diversification history of *Theobroma* and Malvaceae**  
Richardson, J-E., Whitlock, B. A., Madriñán, S. & Meerow, A. W., 2015, En : *Frontiers Science Series (Conferences and Proceedings)*. 10

**The influence of tectonics, sea-level changes and dispersal on migration and diversification of *Isonandreae* (Sapotaceae)**  
Richardson, J. E., Bakar, A. M., Tosh, J., Armstrong, K., Smedmark, J., Anderberg, A. A., Slik, F. & Wilkie, P., dic 16 2013 , En : *Botanical Journal of the Linnean Society*. 174, 1, p. 130-140 11 p.

**Páramo is the world's fastest evolving and coolest biodiversity hotspot**  
Madriñán, S., Cortés, A. J. & Richardson, J. E., oct 2013, En : *Frontiers in Genetics*. 4, OCT, p. 1-7 7 p., 192.

**Genomic Treasure Troves: Complete Genome Sequencing of Herbarium and Insect Museum Specimens**  
Staats, M., Erkens, R. H. J., van de Vossenbergh, B., Wieringa, J. J., Kraaijeveld, K., Stielow, B., Geml, J., Richardson, J. E. & Bakker, F. T., jul 2013, En : *PLoS One*. 8, 7, p. 1-11 11 p.

**West to east dispersal and subsequent rapid diversification of the mega-diverse genus *Begonia* (Begoniaceae) in the Malesian archipelago**  
Thomas, D. C., Hughes, M., Phutthai, T., Ardi, W. H., Rajbhandary, S., Rubite, R., Twyford, A. D. & Richardson, J. E., ene 1 2012, En : *Journal of Biogeography*. p. 98-113 16 p.

**Biotic Evolution and Environmental Change in Southeast Asia**  
Richardson, J-E., 2012, Cambridge University Press.

**The Malesian Floristic Interchange**  
Richardson, J-E., Costion, C. M. & Muellner, A., 2012, Cambridge University Press. 26 p.

**Vicariance or long-distance dispersal: Historical biogeography of the pantropical subfamily *Chrysophylloideae* (Sapotaceae)**  
Bartish, I. V., Antonelli, A., Richardson, J. E. & Swenson, U., 2011, En : *Journal of Biogeography*. 38, 1, p. 177-190 14 p.

**Phylogeny and dating of *Aframomum* (Zingiberaceae)**  
Richardson, J-E., 2010, Aarhus University Press.

**A DNA barcode for land plants**  
Hollingsworth, P. M., Forrest, L. L., Spouge, J. L., Hajibabaei, M., Ratnasingham, S., van der Bank, M., Chase, M. W., Cowan, R. S., Erickson, D. L., Fazekas, A. J., Graham, S. W., James, K. E., Kim, K-J., John Kress, W., Schneider, H., van AlphenStahl, J., Barrett, S. C. H., van den Berg, C., Bogarin, D., Burgess, K. S. Y 32 más, Cameron, K. M., Carine, M., Chacón, J., Clark, A., Clarkson, J. J., Conrad, F., Devey, D. S., Ford, C. S., Hedderson, T. A. J., Hollingsworth, M. L., Husband, B. C., Kelly, L. J., Kesanakurti, P. R., Kim, J. S., Kim, Y-D., Lahaye, R., Lee, H-L., Long, D. G., Madriñán, S., Maurin, O., Meusnier, I., Newmaster, S. G., Park, C-W., Percy, D. M., Petersen, G., Richardson, J. E., Salazar, G. A., Savolainen, V., Seberg, O., Wilkinson, M. J., Yi, D-K. & Little, D. P., jul 30 2009, En : *Proceedings of the National Academy of Sciences of the United States of America*. 106, 31, p. 12794-12797 4 p.

**Flanking regions of monomorphic microsatellite loci provide a new source of data for plant species-level phylogenetics**  
Chatrou, L. W., Escribano, M. P., Viruel, M. A., Maas, J. W., Richardson, J. E. & Hormaza, J. I., 2009, En : *Molecular Phylogenetics and Evolution*. 53, 3, p. 726-733 8 p.

**Selecting barcoding loci for plants: Evaluation of seven candidate loci with species-level sampling in three divergent groups of land plants**

Hollingsworth, M. L., Andra Clark, A., Forrest, L. L., Richardson, J., Pennington, R. T., Long, D. G., Cowan, R., Chase, M. W., Gaudeul, M. & Hollingsworth, P. M., 2009, En : *Molecular Ecology Resources*. 9, 2, p. 439-457 19 p.

**Spatio-temporal dynamism of hotspots enhances plant diversity**

Chatrou, L. W., Couvreur, T. L. P. & Richardson, J. E., 2009, En : *Journal of Biogeography*. 36, 9, p. 1628-1629 2 p.

**The Linear Angiosperm Phylogeny Group (LAPG) III: A linear sequence of the families in APG III**

Haston, E., Richardson, J. E., Stevens, P. F., Chase, M. W. & Harris, D. J., 2009, En : *Botanical Journal of the Linnean Society*. 161, 2, p. 128-131 4 p.

**Multi-gene phylogeny of the pantropical subfamily Chrysophylloideae (Sapotaceae): Evidence of generic polyphyly and extensive morphological homoplasy**

Swenson, U., Richardson, J. E. & Bartish, I. V., nov 2008, En : *Cladistics*. 24, 6, p. 1006-1031 26 p.

**Evolution of syncarpy and other morphological characters in African Annonaceae: A posterior mapping approach**

Couvreur, T. L. P., Richardson, J. E., Sosef, M. S. M., Erkens, R. H. J. & Chatrou, L. W., abr 2008, En : *Molecular Phylogenetics and Evolution*. 47, 1, p. 302-318 17 p.

**Molecular phylogenetics reveal multiple tertiary vicariance origins of the African rain forest trees**

Couvreur, T. L. P., Chatrou, L. W., Sosef, M. S. M. & Richardson, J. E., 2008, En : *BMC Biology*. 6, 10 p.

**Recent oceanic long-distance dispersal and divergence in the amphi-Atlantic rain forest genus *Renealmia* L.f. (Zingiberaceae)**

Särkinen, T. E., Newman, M. F., Maas, P. J. M., Maas, H., Poulsen, A. D., Harris, D. J., Richardson, J. E., Clark, A., Hollingsworth, M. & Toby Pennington, R., sep 2007, En : *Molecular Phylogenetics and Evolution*. 44, 3, p. 968-980 13 p.

**A linear sequence of Angiosperm Phylogeny Group II families**

Haston, E., Richardson, J. E., Stevens, P. F., Chase, M. W. & Harris, D. J., feb 2007, En : *Taxon*. 56, 1, p. 7-12 6 p.

**A proposal for a standardised protocol to barcode all land plants**

Chase, M. W., Cowan, R. S., Hollingsworth, P. M., Van Den Berg, C., Madriñán, S., Petersen, G., Seberg, O., Jørgensen, T., Cameron, K. M., Carine, M., Pedersen, N., Hedderson, T. A. J., Conrad, F., Salazar, G. A., Richardson, J. E., Hollingsworth, M. L., Barraclough, T. G., Kelly, L. & Wilkinson, M., 2007, En : *Taxon*. 56, 2, p. 295-299 5 p.

**Description of four new species of *Monodora* and *Isolona* (Annonaceae) from Tanzania and an overview of Tanzanian Annonaceae diversity**

Couvreur, T. L. P., Gereau, R. E., Wieringa, J. J. & Richardson, J. E., 2006, En : *Adansonia*. 28, 2, p. 243-266 24 p.

**Insights into the historical construction of species-rich biomes from dated plant phylogenies, neutral ecological theory and phylogenetic community structure**

Pennington, R. T., Richardson, J. E. & Lavin, M., 2006, En : *New Phytologist*. 172, 4, p. 605-616 12 p.

**the Evolution of Pink: Morphological and Genetic Variation Among Three *Lithophragma* (Saxifragaceae) Species**

Hufft, R. A. & Richardson, J. E., 2006, En : *Madroño*. 53, 1, p. 25-35 11 p.

**Do farmers reduce genetic diversity when they domesticate tropical trees? A case study from Amazonia**

Hollingsworth, P. M., Dawson, I. K., Goodall-Copestake, W. P., Richardson, J. E., Weber, J. C., Montes, C. S. & Pennington, R. T., 2005, En : *Molecular Ecology*. 14, 2, p. 497-501 5 p.

**Historical biogeography of two cosmopolitan families of flowering plants: Annonaceae and Rhamnaceae**

Richardson, J. E., Chatrou, L. W., Mols, J. B., Erkens, R. H. J. & Pirie, M. D., oct 2004, En : *Philosophical Transactions of the Royal Society B: Biological Sciences*. 359, 1450, p. 1495-1508 14 p.

### **Introduction and synthesis: plant phylogeny and the origin of major biomes**

Richardson, J-E., Cronk, Q. & Pennington, R. T., 2004, En : Philosophical Transactions of the Royal Society B: Biological Sciences. p. 1455-1464 10 p.

### **Patterns of molecular evolution and diversification in a biodiversity hotspot: The California Floristic Province**

Calsbeek, R., Thompson, J. N. & Richardson, J. E., 2003, En : Molecular Ecology. 12, 4, p. 1021-1029 9 p.

### **Species delimitation and the origin of populations in island representatives of *Phyllica* (Rhamnaceae)**

Richardson, J. E., Fay, M. F., Cronk, Q. C. B. & Chase, M. W., 2003, En : Evolution. 57, 4, p. 816-827 12 p.

### **Rapid diversification of a species-rich genus of neotropical rain forest trees**

Richardson, J. E., Pennington, R. T., Pennington, T. D. & Hollingsworth, P. M., sep 21 2001, En : Science. 293, 5538, p. 2242-2245 4 p.

### **Rapid and recent origin of species richness in the Cape flora of south Africa**

Richardson, J. E., Weitz, F. M., Fay, M. F., Cronk, Q. C. B., Linder, H. P., Reeves, G. & Chase, M. W., ago 2001, En : Nature. 412, 6843, p. 181-183 3 p.

### **Phylogenetic analysis of *Phyllica* L. (Rhamnaceae) with an emphasis on island species: Evidence from plastid trnL-F and nuclear internal transcribed spacer (ribosomal) DNA sequences**

Richardson, J. E., Weitz, F. M., Fay, M. F., Cronk, Q. C. B., Peter Linder, H., Reeves, G. & Chase, M. W., may 2001, En : Taxon. 50, 2, p. 405-427 23 p.

### **Molecular data confirm the affinities of the south-west Australian endemic *Granitites* with *Alphitonia* (Rhamnaceae)**

Fay, M. F., Lledó, M. D., Richardson, J. E., Rye, B. L. & Hopper, S. D., 2001, En : Kew Bulletin. 56, 3, p. 669-675 7 p.

### **A phylogenetic analysis of Rhamnaceae using rbcL and trnL-F plastid DNA sequences**

Richardson, J. E., Fay, M. F., Cronk, Q. C. B., Bowman, D. & Chase, M. W., 2000, En : American Journal of Botany. 87, 9, p. 1309-1324 16 p.

### **A revision of the tribal classification of Rhamnaceae**

Richardson, J. E., Fay, M. F., Cronk, Q. C. B. & Chase, M. W., 2000, En : Kew Bulletin. 55, 2, p. 311-340 30 p.

### **Family relationships of the enigmatic rosid genera *Barbeya* and *Dirachma* from the Horn of Africa region**

Thulin, M., Bremer, B., Richardson, J., Niklasson, J., Fay, M. F. & Chase, M. W., 1998, En : Plant Systematics and Evolution. 213, 1-2, p. 103-119 17 p.

### **Molecular data support the inclusion of *Duckeodendron cestroides* in Solanaceae**

Fay, M. F., Olmstead, R. G., Richardson, J. E., Santiago, E., Prance, G. T. & Chase, M. W., 1998, En : Kew Bulletin. 53, 1, p. 203-212 10 p.

### **Correlations between leaf flavonoids, taxonomy and plant geography in the genus *Disporum***

Richardson, J-E., Williams, C., Greenham, J. & Eagles, J., ago 1993, En : Phytochemistry. p. 197-203 7 p.

## **Press / Media**

### **Advisory: First issued under embargo**

James Edward Richardson

6/7/19

2 elementos de Cobertura del medio de comunicación

## **ARTS CALENDAR**

James Edward Richardson

4/4/16

1 elemento de Cobertura del medio de comunicación

**Birthday Honours 2019: The full UK list**

James Edward Richardson

6/8/19 → 6/10/19

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**Botanist on the front lines of battle to save chocolate**

James Edward Richardson

7/8/16

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**Crop production clinics planned**

James Edward Richardson

12/30/14

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**Crude Oil Price Surges Lead to Recessions**

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5/12/18

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**Kamala's Dirty Laundry**

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1/30/19

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**Lewis Center welcomes new faculty member**

James Edward Richardson

6/21/17

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**Olivia Colman CBE: Actress 'humbled' as she's named in Queen's Birthday Honours list 2019**

James Edward Richardson

6/8/19

4 elementos de Cobertura del medio de comunicación

**Queen's birthday honours list 2019 in full: here's everyone being recognised this year**

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6/11/19

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**Sharif wins Holmes National Poetry Prize**

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8/24/17

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**The GOP Party Platform: "Extreme," "frightening," hideously anti-LGBT**

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7/20/16

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**Thursday, April 19, 2018**

James Edward Richardson

4/19/18

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**Treasury Auctions Set for the Week of June 20**

James Edward Richardson

6/19/16

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**Treasury Auctions Set for This Week**

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6/20/16

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**Tulane professors join Louisiana budget reform task force**

James Edward Richardson

4/7/16

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**Why you shouldn't vote SNP in Scotland**

James Edward Richardson

6/6/17

3 elementos de Cobertura del medio de comunicación

**Projects**