

Personal Data and Current Position

Name: Jesús Gómez-Zurita Frau
Position: Staff Scientist (Científico Titular), Consejo Superior de Investigaciones Científicas
Start Date: 3 July 2007
Work Address: Institut de Biologia Evolutiva (CSIC-UPF), Consejo Superior de Investigaciones Científicas, Pg. Marítim de la Barceloneta 37-49, 08003 Barcelona, Spain
Place and date of birth: Palma de Mallorca, 17 July 1972
Nationality: Spanish

Education

Degree in Biology. University of the Balearic Islands. June 1995.

European PhD in Biology. University of the Balearic Islands. January 2000.

PhD thesis title: Molecular phylogeny and speciation in the genus *Timarcha* (Coleoptera, Chrysomelidae): Mitochondrial (COII and 16S rDNA) and nuclear (ITS-2 nrDNA) evidence.

Supervisors: Drs. Eduard Petitpierre Vall and Carlos Juan Clar.

Institution: University of the Balearic Islands.

Grants and Awards

Awards

Honour Degree Award, Biology. University of the Balearic Islands. June 1995.

Predocctoral Studentships

Collaboration Research Studentship of the Spanish Ministry of Education and Culture. Laboratory of Genetics, Department of Biology, University of the Balearic Islands, Palma de Mallorca, Spain. October 94 - June 95.

F.P.U. PhD Studentship, Spanish Ministry of Education and Culture. Laboratory of Genetics, Department of Biology, University of the Balearic Islands, Palma de Mallorca, Spain. 1 January 1996 - 31 December 1999.

Postdoctoral Fellowships

European Union Marie Curie Postdoctoral Fellowship (FP5 Programme, Improving Human Potential and the Socio-economic Knowledge). «Unravelling theories of sex using molecular phylogenies in a parthenogenetic beetle model». Department of Biology, Imperial College, London, UK. 12 February 2001 to 11 February 2003. Contract No.: HPMF-CT-2000-00744. Supervisor: Dr. Alfred P. Vogler. P.I. : Jesús Gómez-Zurita.

European Union Marie Curie Reintegration Grant (FP6 Programme, Human Resources and Mobility). «Beetle comparative Genomics and Speciation (BUGS) : Genomic tools for the analysis of chromosome changes in the evolution of Coleoptera». Área de Biología Animal, Departamento de Zoología y Antropología Física, Facultad de Biología, Universidad de Murcia, Spain. 1 January to 31 December 2004. Project: BUGS-EVOGENOMICS. Contract No.: MERG-CT-2004-500004. Host: José Galián. P.I. : Jesús Gómez-Zurita. Quantity: 40,000 Euro.

Humboldt Research Fellowship (Alexander von Humboldt Foundation). «A molecular phylogeny of the leaf beetles – understanding the evolution of megadiversity and the quest for better DNA sequence data». Abteilung Entomologie, Zoologische Staatssammlung München, Munich, Germany. Start Date: 1 May 2006 to 30 April 2007. Host: Dr. Michael Balke. P.I. : Jesús Gómez-Zurita.

Project I3P (European Social Fund / C.S.I.C.) – «Colonización, dispersión y estructuración geográfica en hábitats de reciente constitución : análisis comparativo de especies en equilibrio y en expansión». From 1 November 2006 to 31 October 2009. P.I.: Jesús Gómez-Zurita and Ignacio Ribera. [RESIGNED FOR INCOMPATIBILITY WITH HUMBOLDT FELLOWSHIP]

Ramón y Cajal Research Fellowship (Spanish Ministry of Education and Culture). «Origen y evolución de la asexualidad en Metazoos: filogenias moleculares, análisis genéticos y citológicos en coleópteros partenogenéticos». Departament de Biologia, Universitat de les Illes Balears, Spain. 1 May 2007 – 30 April 2012. P.I. : Jesús Gómez-Zurita. [RESIGNED 2 July 2007]

Travel Grants

Project HPRI-CT-1999-00062 (EU FP5 Programme, SYS-RESOURCE, Access to Research Infrastructures Programme) – «Nested cladistic analysis and the gene tree-species tree problem : A case-study of structured populations in the *Timarcha goettingensis* complex (Coleoptera, Chrysomelidae)». Department of Entomology, Natural History Museum, London, UK. From 11 September 2000 to 20 October 2000. Host: Alfried P. Vogler. P.I. : Jesús Gómez-Zurita.

Percy Sladen Memorial Fund (Linnean Society of London, UK) - «Discovery of Pacific biodiversity: Towards a molecular characterisation of New Caledonian Eumolpinae (Coleoptera, Chrysomelidae)». P.I. : Jesús Gómez-Zurita. Quantity : 750 GBP.

European Union SYNTHESYS Grant (FP6 Programme, Integrated Infrastructure Initiative), "Genomic mosaicism of unisexual *Calligrapha* Chevrolat, 1837 (Coleoptera, Chrysomelidae): seeking evidence from nuclear gene markers", Department of Entomology, The Natural History Museum, London, UK. 15 July – 15 August 2006. Host: Dr. Alfried P. Vogler. Contract No.: GB-TAF-1840.

European Union SYNTHESYS Grant (FP6 Programme, Integrated Infrastructure Initiative), Department of Entomology, Naturhistoriska Riksmuseet, Stockholm, Sweden. 5 August – 8 September 2007. Host: Prof. Kjell-Arne Johanson. Contract No.: SE-TAF-1893.

European Union SYNTHESYS Grant (FP6 Programme, Integrated Infrastructure Initiative), Department of Entomology, The Natural History Museum, London, UK. 8-28 June 2008. Host: Mrs. Sharon Shute. Contract No.: GB-TAF-4296.

European Union SYNTHESYS Grant (FP6 Programme, Integrated Infrastructure Initiative), "Examination of key type specimens towards a critical revision of the genus *Calligrapha* Chevrolat, 1837 (Coleoptera, Chrysomelidae)", Museum für Naturkunde of the Humboldt-Universität Berlin, Berlin, Germany. 18 January – 7 February 2009. Host: Dr. Johannes Frisch. Contract No.: DE-TAF-4348.

Ernst Mayr Travel Grant in Animal Systematics (Ernst Mayr Grants Committee, Museum of Comparative Zoology, Harvard, USA), "Systematic Revision of the poorly studied southern Nearctic and Neotropical *Calligrapha* Chevrolat", Museum of Comparative Zoology, Harvard University, Cambridge, USA. 22 November-5 December 2010. Hosts: Dr. Philip D. Perkins and Brian D. Farrell. P.I. : Jesús Gómez-Zurita. Quantity : 800 USD.

Project "Taxon line - Rede Paranaense de Coleções Biológicas", Departamento de Zoologia, Universidade Federal do Paraná, Curitiba, Brazil. 3-24 March 2017. Host: Luciane Marinoni.

European Union SYNTHESYS Grant (FP7 Programme, Integrated Activities), "Building knowledge on western Pacific leaf beetles at the Hungarian Natural History Museum towards the understanding of the biogeography of New Caledonia", Hungarian Natural History Museum, Budapest, Hungary. 10 May – 26 May 2017. Host: Dr. Ottó Merkl. Contract No.: HU-TAF-6793.

Mobility Grant for senior researchers, "Salvador de Madariaga" Programme 2018 (Spanish Ministry of Education, Culture and Sports), "Stowaways on the Matahorua: analysis of the biogeographic connections of Eumolpinae (Coleoptera: Chrysomelidae) in the New Zealand region", Massey University, Palmerston North, New Zealand. 2 October 2018- 31 March 2019. Host: Steven A. Trewick. Reference: PRX18/00219.

Academic Activities and Previous Posts (contracts)

Internal Student, Lab. Zoology, Dept. Biology, University of the Balearic Islands. October 1991 - June 1992.

Internal Student, Lab. Genetics, Dept. Biology, University of the Balearic Islands. October 1992 - June 1994.

Research assistantship in the Molecular Systematics Laboratory, Department of Entomology, The Natural History Museum, London. 6 November 2000 - 9 February 2001.

Research assistantship in the Área de Biología Animal, Departamento de Zoología y Antropología Física, Facultad de Biología, Universidad de Murcia, Spain. 1 November 2003 – 31 October 2005.

Participation in Research Projects

Principal Investigator

Project BA 2152/5-1 (Deutsche Forschungsgemeinschaft, DFG, Germany) – «Do molecules bear the key to solving a complex taxonomic problem? The Western Palearctic jewel leaf beetles in the genus *Cryptocephalus* Müller (Coleoptera, Chrysomelidae)». From 1 January 2007 to 31 December 2007 (12 months). P.I. : Michael Balke (project promotor and co-P.I.: Jesús Gómez-Zurita). Quantity: 8,028 Euro.

Proyectos Intramurales Especiales (C.S.I.C., Spanish Ministry of Education and Science) - «Inferencia de las relaciones basales de Chrysomelidae usando genomas mitocondriales (casi) completos». From 1 August 2007 to 31 December 2008. P.I.: Jesús Gómez-Zurita. Quantity : 30,000 Euro.

NGS Research Grant (National Geographic Society, Committee for Research and Exploration, Contract No. 8380-07) - «Molecular biodiversity assessment of the leaf beetle fauna (Coleoptera, Chrysomelidae) of New Caledonia: Origin, age and diversification». P.I.: Jesús Gómez-Zurita. Quantity : 15,000 USD.

Project CGL2008-00007/BOS (Ministry of Science and Innovation) – «Evolución sin sexo: Circunstancias históricas e implicaciones ecológicas del origen híbrido de insectos unisexuales». From 1 January 2009 to 31 December 2011. P.I.: Jesús Gómez-Zurita. Quantity: 171,100 Euro (+35,931 Euro, overheads).

Project Ecology and Conservation Biology (Fundación BBVA), BIOCON08-45 – «Sincronización rápida de inventario e interacciones en estudios de Biodiversidad: Herramientas moleculares al servicio del conocimiento y conservación del bosque seco tropical en Nicaragua». From 1 July 2009 to 30 June 2012. P.I.: Jesús Gómez-Zurita. Quantity: 200,000 Euro.

Project C/032352/10, Programa de Cooperación Interuniversitaria e Investigación Científica (Ministry of Foreign Affairs and Cooperation) – «Sentando las bases para la creación del Banco de Germoplasma del Bosque Seco Tropical Americano, el BGBST "El Sálamo"». From 27 January 2011 to 26 January 2012 (with extension: 26 March 2012). P.I.: Jesús Gómez-Zurita. Quantity: 7,598.50 Euro.

Project CGL2011-23820 (Ministry of Science and Innovation) – «Análisis a escala genómica de las consecuencias evolutivas del abandono del sexo: Explorando el destino de la función masculina». From 1 January 2012 to 31 December 2014 (with one-year extension: 31 December 2015). P.I.: Jesús Gómez-Zurita. Quantity : 171,000 Euro (+35,910 Euro, overheads).

Project 2012VN0004 (Consejo Superior de Investigaciones Científicas) - «Community changes associated to biome shifts and their importance for conservation». From 17 October 2012 to 16 October 2016. P.I.: Jesús Gómez-Zurita. Researchers: 3. Quantity: 63,200 Euro.

Project COOPA20068, Programa CSIC de cooperación científica, I-COOP+ Modalidad A 2014 – «Phylogeny and biogeography of Polyrhaphidini and their placement among the Lamiinae (Coleoptera: Cerambycidae)». From 1 August 2015 to 31 December 2015. P.I.: Jesús Gómez-Zurita. No. Researchers: 4. Quantity: 10,000 Euro.

Project CGL2014-52937-P (Ministry of Economy) – «¿Tienen los endosimbiontes de herencia materna algún papel en el origen y mantenimiento de la unisexualidad en *Calligrapha* (Coleoptera: Chrysomelidae)?». From 1 January 2015 to 31 December 2017 (with half-year extension: 30 June 2018). P.I.: Jesús Gómez-Zurita. Quantity : 125,000 Euro (+26,250 Euro, overhead).

Project CGL2017-83324-P (Ministry of Economy) – «Filogenia molecular de Eumolpinae (Coleoptera: Chrysomelidae) y estudio de su evolución en las islas del Pacífico Occidental». From 1 January 2018 to 31 December 2021. P.I.: Jesús Gómez-Zurita. Quantity : 135,000 Euro (+28,350 Euro, overhead).

Participant

Project DGICYT PB93-0419 (Spanish Ministry of Science and Technology) – «Filogenias moleculares, cromosómicas y análisis cladístico en coleópteros». From 30 November 1994 to 29 November 1997. P.I. : Eduard Petitpierre.

Project DGES PB96-0090 (Spanish Ministry of Science and Technology) – «Especiación por aislamiento geográfico en coleópteros : análisis genético y citogenético». From 30 November 1997 to 1 December 2000. P.I. : Eduard Petitpierre.

Project Natural History Museum Core Funding – «Evolution and diversity of beetles. Natural History Museum Programme». P.I. : Alfried P. Vogler.

Project REN2003-03667 – «Filogenia molecular de la subfamilia Chrysomelinae (Coleoptera, Chrysomelidae)». From 1 December 2003 to 30 November 2006. P.I.: Eduard Petitpierre.

Project BOS2002-02870 – «Genómica comparativa : obtención y normalización de genotecas de ADNc (EST) y análisis de expresión diferencial de genes en Coleópteros». From 1 November 2002 to 31 October 2005. P.I. : José Galián.

Project 2009SGR1462 (Generalitat de Catalunya) – Grup de Recerca Consolidat en Sistemàtica i Evolució Zoològica – ZOOSYSEVO. From 2009 to 2013. P.I.: Salvador Carranza. No. Researchers: 10. Quantity : 50,960 Euro.

Project 2014CL0015 (C.S.I.C.) – «El código de barras genético como aproximación a la biodiversidad de insectos de Huinay». From 1 January 2014 to 31 December 2014. P.I.: Roger Vila Ujaldón. No. Researchers: 3. Quantity: 10,000 Euro.

Project 2014SGR1532 (Generalitat de Catalunya) – Grup de Recerca Consolidat en Biologia Animal i Evolució. From 1 January 2014 to 31 December 2016. P.I.: Salvador Carranza. No. Researchers: 8. Quantity: 38,400 Euro.

Project 2017SGR991 (Generalitat de Catalunya) - Grup de Recerca Reconegut en Biologia Animal i Evolució. From 1 January 2017 to 31 December 2019. P.I.: Salvador Carranza. No. Researchers: 7. Quantity: 37,650.80 Euro.

Scientific Meetings and Conferences

34 communications in international (20 oral, 14 panels) and 23 in national (16 oral, seven panels) meetings. 16 invited talks or conferences.

1. Gómez-Zurita, J. & A. Alemany. Catálogo de los Coleópteros Scarabaeoidea que figuran en la colección entomológica del Hno. J. Jordà (U.I.B.). XI Bienal de la Real Sociedad Española de Historia Natural, Jaca (Huesca, Spain), 13-18 September 1993. [poster]
2. Petitpierre, E., Carreras, I. & Gómez-Zurita, J. Cariotipos, tamaño genómico y evolución de los Cassidinae europeos (Coleoptera: Chrysomelidae). XIV Jornadas de la Asociación española de Entomología, Cuenca (Spain), 3-7 July 1995. [talk]
3. Gómez-Zurita, J., Pons, J. & Petitpierre, E. The lowest chromosome number of *Timarcha*: Validation of *T. aurichalcea* (Bech.), a species with 18 chromosomes. XXth International Congress of Entomology, Firenze (Italy), 25-31 August 1996. [poster]
4. Sacarés, A., Gómez-Zurita, J. & Petitpierre, E. Biodiversity and biogeography of the updated chrysomelid fauna of Balearic Islands (Coleoptera). XXth International Congress of Entomology, Firenze (Italy), 25-31 August 1996. [poster]
5. Petitpierre, E. & J. Gómez-Zurita. Evolución cromosómica en la subfamilia Chrysomelinae (Coleoptera, Chrysomelidae). XI Seminario de Genética de Poblaciones y Evolución, Santiago de Compostela (Spain), 15-18 April 1997. [talk]
6. Gómez-Zurita, J., C. Juan & E. Petitpierre. Phylogeny of phytophagous beetles of the genus *Timarcha* (Chrysomelidae) based on molecular (COII) and life history traits. 6th Congress of the European Society for Evolutionary Biology, Arnhem (The Netherlands), 24-28 August 1997. [poster]
7. Gómez-Zurita, J., C. Juan & E. Petitpierre. Population and phylogenetic analyses of the *Timarcha goettingensis* complex (Coleoptera, Chrysomelidae) based on mitochondrial DNA sequences. VIth European Congress of Entomology, Ceské Budejovice (Czech Republic), 23-29 August 1998. [poster]
8. Gómez-Zurita, J., C. Garin, C. Juan & E. Petitpierre. Filogenia molecular de *Timarcha* y *Chrysolina* (Coleoptera, Chrysomelidae). XII Seminario de Genética de Poblaciones y Evolución, Begur (Girona, Spain), 25-28 november 1998. [talk]

9. Gómez-Zurita, J., C. Juan & E. Petitpierre. Mitochondrial phylogeny of the genus *Timarcha* (Coleoptera, Chrysomelidae) inferred from complete COII and partial 16S rDNA genes. VIIth Congress of the European Society for Evolutionary Biology, Barcelona (Spain), 23-28 August 1999. [poster]
10. Juan, C., J. Gómez-Zurita & E. Petitpierre. Nuclear ribosomal ITS2 sequences are useful to resolve the basal relationships in the phylogeny of *Timarcha* (Coleoptera, Chrysomelidae). VIIth Congress of the European Society for Evolutionary Biology, Barcelona (Spain). 23-28 August 1999. [poster]
11. Gómez-Zurita, J., E. Petitpierre & C. Juan. Nested geographical cladistic analysis and phylogeography of the *Timarcha goettingensis* complex (Coleoptera, Chrysomelidae). Phylogeography, Hybridisation and Speciation, Aussois (France). 18-22 April 2000. [poster]
12. Juan, C., J. Gómez-Zurita, C.F. Garin & E. Petitpierre. Molecular phylogenetics and food specialisation in phytophagous beetles: The case of *Chrysolina* and *Timarcha* (Chrysomelidae). Phylogeography, Hybridisation and Speciation, Aussois (France). 18-22 April 2000. [poster]
13. Vogler, A.P., K. Theodorides & J. Gómez-Zurita. Expressed sequence tags for molecular systematics of beetles. "Evolution 2001", Congress of the Society for the Study of Evolution, American Society of Naturalists and Society of Systematic Biologists, Knoxville, Tennessee (USA). 26-30 June 2001. [talk]
14. Vogler, A.P., K. Theodorides & J. Gómez-Zurita. Expressed sequence tags for molecular systematics of beetles. 20th Annual Meeting of the Willi Hennig Society, Oregon State University, Corvallis, Oregon (USA). 26-30 August 2001. [talk]
15. Gómez-Zurita, J. When phylogeography meets gene history: Nested clade analysis and the inference of recurrent and episodic population processes. Invited talk in the annual meeting of the Société française de Systématique, "Systématique et Biogéographie", Paris (France). 27-28 September 2001. [plenary lecture]
16. Gómez-Zurita, J. & A.P. Vogler. ITS2 phylogeography of the *Timarcha goettingensis* complex (Coleoptera: Chrysomelidae): parallelisms and differences with mitochondrial COII data. Population Genetics Group 35th Annual Meeting, University of Leeds, Leeds (U.K.). 2-5 January 2002. [talk]
17. Gómez-Zurita, J. & A.P. Vogler. A new tool to detect hybridization of closely related lineages from a sample of nuclear and mtDNA haplotypes. ICSEB VI Sixth International Congress of Systematic and Evolutionary Biology, "Biodiversity in the Information Age", Patras (Greece). 9-16 September 2002. [talk]
18. Gómez-Zurita, J. Incongruent phylogeographies in the *Timarcha goettingensis* complex (Coleoptera, Chrysomelidae): Reconciling patterns and processes. Invited talk to the CIBIO, Campus Agrário de Vairão, University of Porto (Portugal). 6 January 2003. [invited talk]
19. Gómez-Zurita, J., D.J. Funk & A.P. Vogler. Evolutionary origins of asexual reproduction in the genus *Calligrapha* (Coleoptera, Chrysomelidae). ESF PARTNER Workshop 3, "Diversity in Asexuals: patterns and processes", Münster (Germany). 6-10 October 2004 [talk]
20. Gómez-Zurita, J. The evolutionary origin of asexual reproduction in the genus *Calligrapha* (Coleoptera, Chrysomelidae). XV Seminario de Genética de Poblaciones y Evolución, Sigüenza (Guadalajara, Spain). 9-12 November 2004. [talk]
21. Pons, J., A. Cardoso, D. Duran, J. Gómez-Zurita, S. Sumlin, T. Barraclough & A.P. Vogler. Rapid species delimitation for DNA based taxonomy. XV Seminario de Genética de Poblaciones y Evolución, Sigüenza (Guadalajara, Spain). 9-12 November 2004. [talk]
22. Gómez-Zurita, J., A.P. Vogler & D.J. Funk. Phylogenetic evidence on the hybridogenetic origin of asexual *Calligrapha* (Coleoptera, Chrysomelidae). 38th Population Genetics Group Meeting, University of Reading, Reading (U.K.). 14-17 December 2004. [talk]
23. Abellán, P., D. Sánchez-Fernández, A. Millán, J. Velasco, J. Gómez-Zurita, I. Ribera & J. Galián. Distribution, genetic diversity and conservation status of *Ochthebius glaber* Montes & Soler (Coleoptera: Hydraenidae), an endemic beetle from Iberian hypersaline waters. International Symposium on Biodiversity Loss in Europe, Almería (Spain). 4-6 March 2005. [poster]
24. Jurado, J.A., E. Petitpierre & J. Gómez-Zurita. Nuevas aportaciones a la filogenia molecular del género *Chrysolina* (Coleoptera, Chrysomelidae). XIII Jornadas de la Asociación Española de Entomología, Logroño, La Rioja (Spain). 11-13 July 2005. [poster]
25. Gómez-Zurita, J. Origen evolutiu de la partenogènesi als animals: hibridació interespecífica. VI Jornada de Biologia Evolutiva, Barcelona (Spain). 3 July 2006. [plenary lecture]

26. Gómez-Zurita, J. Statistical analysis of mosaic genomes: detection of hybrids using genotype networks. ESF Exploratory Workshop: New tools for biodiversity conservation through the advancement of phylogeographic methodologies, University of East Anglia, Norwich (U.K.). 3-6 July 2006. [invited talk]
27. Gómez-Zurita, J. Statistical analysis of mosaic genomes: detection of hybrids using genotype networks / Nested clade phylogeographic analysis under siege. Journal Club, The Natural History Museum, London (U.K.). 4 August 2006. [invited talk]
28. Gómez-Zurita, J. & Jurado-Rivera, J.A. Dos por uno: Aportación de los marcadores moleculares al estudio de la biodiversidad y de sus interacciones. II Congreso Nacional de Biodiversidad, Santa Susanna, Barcelona (Spain). 10-13 February 2009. [talk]
29. Jurado-Rivera, J.A., Reid, C.A.M., Petitpierre, E. & Gómez-Zurita, J. Origen, evolución y diversificación de los Chrysomelinae australianos (Coleoptera, Chrysomelidae). II Congreso Nacional de Biodiversidad, Santa Susanna, Barcelona (Spain). 10-13 February 2009. [poster] [2nd Poster Award]
30. Gómez-Zurita, J. El origen de la unisexualidad en insectos. VIII Ciclo de Conferencias sobre Biodiversidad y Conservación, Dptos. Biología Animal y Ecología, Universidad de Granada, Granada (Spain). 7 May 2009. [invited talk]
31. Gómez-Zurita, J. Quan les sangs no es mesclen – Origen i conseqüències evolutives de l'unisexualitat als animals. Cicle de Conferències “Any Darwin”, Museu Balear de Ciències Naturals, Sóller (Mallorca, Spain), 20 June 2009. [invited talk]
32. Gómez-Zurita, J. Institute of Evolutionary Biology (IBE) – A multidisciplinary view on Biodiversity. VAST-CSIC Workshop “From Biodiversity to Biotechnology”, Ha noi (Vietnam), 3-4 March 2010. [invited talk]
33. Funk, D.J., Gómez-Zurita, J. & Lucak, T.J. Asexual species origins in *Calligrapha* leaf beetles: Phylogenetic, ecological, and reproductive insights. “Evolution 2010”, Annual meeting of the Society for the Study of Evolution, Society of Systematic Biologists, and the American Society of Naturalists, Portland (Oregon, USA), 25-29 June 2010. [talk]
34. Gómez-Zurita, J. 350.000 especies. El éxito y la fragilidad de los coleópteros como paradigma de la biodiversidad. “Biodiversidad. Del Museo a la Naturaleza”, Ciclo de conferencias en conmemoración del Año Internacional de la Biodiversidad, CSIC, Delegación del CSIC de Cataluña, Barcelona (Spain), 25 October 2010. [invited conference]
35. De la Cadena, G., Papadopoulou, A., Maes, J.-M. & Gómez-Zurita, J. Evaluación filogenética de la diversidad taxonómica y ecológica de coleópteros fitófagos (Chrysomelidae: Alticinae y Cassidinae) en el bosque seco tropical en Nicaragua. I Congreso Ibérico de Sistemática Animal, Madrid (Spain), 17-19 January 2012. [poster]
36. Montelongo, T. & Gómez-Zurita, J. Sistemática molecular y ecología molecular para la diagnosis de diversidad críptica en *Calligrapha* (Coleoptera: Chrysomelidae). I Congreso Ibérico de Sistemática Animal, Madrid (Spain), 17-19 January 2012. [poster]
37. Papadopoulou, A., Cardoso, A. & Gómez-Zurita, J. Diversity and diversification of New Caledonian Eumolpinae (Coleoptera: Chrysomelidae). I Congreso Ibérico de Sistemática Animal, Madrid (Spain), 17-19 January 2012. [poster]
38. Gómez-Zurita, J. Un viaje a través del bosque desde el Mediterráneo hasta el Pacífico. Academia de Ciencias de Nicaragua, Instituto de Historia, UCA, Managua (Nicaragua), 25 January 2012. [invited conference]
39. De la Cadena, G., Cardoso, A., Maes, J.-M., Papadopoulou, A. & Gómez-Zurita, J. Phylogenetic assessment of taxonomic and ecological biodiversity of herbivore beetles in the dry tropical forest. BioSyst.EU 2013, Global Systematics, Vienna (Austria), 18-22 February 2013. [poster]
40. Gómez-Zurita, J., Cardoso, A. & Papadopoulou, A. Rapid biodiversity assessment in biodiversity hotspots: diversity and diversification of New Caledonian leaf beetles. BioSyst.EU 2013, Global Systematics, Vienna (Austria), 18-22 February 2013. [talk]
41. Montelongo, T. & Gómez-Zurita, J. Genomic mosaicism confirms the complex hybrid origin of unisexuality in *Calligrapha* (Coleoptera: Chrysomelidae). BioSyst.EU 2013, Global Systematics, Vienna (Austria), 18-22 February 2013. [talk]

42. De la Cadena, G., Cardoso, A., Maes, J.-M., Papadopoulou, A. & Gómez-Zurita, J. Phylogenetic assessment of taxonomic and ecological biodiversity of herbivore beetles in the dry tropical forest. XIII Jornada de Biología Evolutiva, Societat Catalana de Biologia, Barcelona (Spain), 2 July 2013. [poster]
43. Serrano, J., Gómez-Zurita, J. & Andújar, C. Integrative taxonomy in the subgenus *Mesocarabus* (Carabidae, *Carabus*). 16th European Carabidologists Meeting, Prague (Czech Republic), 22-27 September 2013. [talk]
44. De la Cadena, G., Cardoso, A., Maes, J.-M., Papadopoulou, A. & Gómez-Zurita, J. Caracterización de redes tróficas en ecosistemas tropicales mediante secuencias de ADN y métodos filogenéticos: los Chrysomelidae (Coleoptera) del bosque seco tropical asociados a Lamiales. II Iberian Congress of Biological Systematics, Barcelona (Spain), 25-27 September 2013. [talk]
45. Vizán-Rico, H.I. & Gómez-Zurita, J. RNA-Seq transcriptome analysis of *Calligrapha* leaf beetle testes and the quest for male-specific genes. 18th Evolutionary Biology Meeting at Marseilles, Marseilles (France), 16-19 September 2014. [poster]
46. Gómez-Zurita, J. & Montelongo, T. Non-random patterns of genetic admixture expose an unexpected complexity for the hybrid origin of unisexual leaf beetle species. 18th Evolutionary Biology Meeting at Marseilles, Marseilles (France), 16-19 September 2014. [talk]
47. Vizán-Rico, H.I. & Gómez-Zurita, J. Transcriptome analysis of *Calligrapha* (Chrysomelidae) testis: functional annotation and orthology assessment of male-biased genes. III Iberian Congress of Biological Systematics, Vitoria-Gasteiz (Spain), 17-18 December 2015. [talk]
48. Souza, D. de Santana, Marinoni, L., Monné, M.L. & Gómez-Zurita, J. Phylogeny of Polyrhaphidini and their placement among the Lamiinae tribes (Coleoptera, Cerambycidae). V Congreso de la Sociedad española de Biología Evolutiva, Murcia (Spain), 18-21 January 2016. [poster]
49. Souza, D. de Santana, Marinoni, L., Monné, M.L. & Gómez-Zurita, J. Phylogeny of Polyrhaphidini and their placement among the Lamiinae (Coleoptera, Cerambycidae). XXV International Congress of Entomology, Orlando FL (USA), 25-30 September 2016. [talk]
50. Gómez-Zurita, J. Phylogenetic perspectives on large-scale biodiversity and community studies. III Encuentro de la Red Española de Biología Tropical, Barcelona (Spain), 27-28 October 2016. [invited talk]
51. Gómez-Zurita, J. Phylogenetic perspectives on large-scale biodiversity and community studies. Departamento de Zoología, Universidade Federal do Paraná, Curitiba (Brazil), 22 March 2017. [invited conference]
52. Gómez-Zurita, J. Phylogenetic support to high-throughput biodiversity assessment. Department of Zoology, Hungarian Natural History Museum, Budapest (Hungary), 15 May 2017. [invited talk]
53. Gómez-Zurita, J. *Wolbachia* is highly prevalent in *Calligrapha* (Coleoptera: Chrysomelidae) but is not responsible for the evolution and maintenance of unisexuality in this genus. BioSyst.EU 2017, Gothenburg (Sweden), 15-18 August 2017. [talk]
54. De la Cadena Mendoza, G., Papadopoulou, A., Coronado, I., Cardoso, A., Reyes, J.C., Maes, J.M., Rueda, R.M. & Gómez-Zurita, J. Uso de filogenias moleculares para la detección rápida de la biodiversidad de coleópteros herbívoros y sus asociaciones tróficas en el bosque seco tropical. XLI Jornadas Nacionales de Biología, Quito (Ecuador), 23-25 November 2017. [talk]
55. Gómez-Zurita, J. Assessment of the role of *Wolbachia* on mtDNA paralogy and the evolution of unisexuality in *Calligrapha* (Coleoptera, Chrysomelidae). IV Iberian Congress of Biological Systematics, Palma de Mallorca (Spain), 15-17 January 2018. [talk]
56. De la Cadena, G., Papadopoulou, A. & Gómez-Zurita, J. Nuevas herramientas para la detección de la biodiversidad: delimitación rápida de especies mediante taxonomía basada en ADN. "Mujeres en la Biodiversidad", Museo de Historia Natural Gustavo Orcés V., Escuela Politécnica Nacional, Quito (Ecuador), 22-23 May 2018. [invited talk]
57. Gómez-Zurita, J. Phylogenetic impulse to large-scale biodiversity research in the tropics. XI European Congress of Entomology, Naples (Italy), 2-6 July 2018. [keynote lecture]

Design of analytical tools

2012. *bfca: Bayes Factor Cluster Analysis*. Copyright © 2012 Carmelo Andújar, Víctor Soria-Carrasco & Jesús Gómez-Zurita. [Available at: <http://molevol.cmima.csic.es/gomez-zurita/software.html>]

2013. *BAGpipe: Pipeline for Biodiversity Assessment using GenBank data*. Copyright © 2013 Anna Papadopoulou, Douglas Chesters & Jesús Gómez-Zurita. [Available at: <http://molevol.cmima.csic.es/gomez-zurita/software.html>]

Panels and Committees

National Research Management

Member *ad hoc* of the Evaluation Panel for the "Ramón y Cajal" and "Juan de la Cierva" Programmes of the Spanish Ministry of Science and Innovation. 21-22 May 2008, Madrid (Spain).

Member *ad hoc* for the Commission of Project Selection, "National Programme on Biodiversity, Earth Sciences and Climate Change (CGL), Biodiversity Subprogramme (BOS), sub-commission B", Ministry of Economy and Competitiveness. 19-20 June 2012, Madrid (Spain).

Collaborator in the Division for Coordination, Evaluation and Monitoring of Research Projects (area: Biodiversity) of General Subdirectorate for Research Projects, General Directorate for Scientific and Technical Research, Ministry of Economy and Competitiveness, Madrid (Spain). 1 March 2013-30 June 2018.

Head of the "Animal Biodiversity and Evolution" Programme, Institute of Evolutionary Biology (CSIC-Universitat Pompeu Fabra), Barcelona (Spain). Since 1 March 2017.

Researcher Position Committees

Member of the Evaluation Panel for three CSIC Staff Scientist Positions, "Tribunal 33: Biodiversidad Animal", with specialities of "Morphological Evolution of Insects" (IBMB), "Speciation and molecular bases of animal evolution" (MNCN) and "Phylogeny and molecular evolution of arthropods" (IMEDEA). 3-7 November 2008, Barcelona (Spain).

Secretary of the Evaluation Panel for one CSIC Staff Scientist Position, "Tribunal 31: Ecología de Artrópodos" (EEZA). 2-4 November 2009, Almería (Spain).

R+D Organizing Committees

Member of the Organizing Committee of the II Iberian Congress of Biological Systematics, "CISA'2013 Diversity is Life", Barcelona (Spain), 25-27 September 2013.

PhD Panels

Secretary of PhD panel evaluating the thesis "Variabilidad genética espacial y ecología molecular de *Apis mellifera iberiensis* Engel, 1999", defended by Fernando Cánovas García on the 2nd March 2006, Universidad de Murcia (Spain).

President of PhD panel evaluating the thesis "Adaptaciones, exaptaciones y el estudio de la forma", defended by Marta Linde Medina on the 17th January 2007, Universitat de les Illes Balears (Spain).

Member of PhD panel evaluating the thesis "Sistemática, biogeografía y filogenia de los géneros americanos *Dacnochilus* y *Acalophaena* (Coleoptera: Staphylinidae: Paederinae)", defended by Esteban Jiménez Sánchez on the 16th May 2008, Universidad de Murcia (Spain).

Secretary of PhD panel evaluating the thesis "Molecular phylogeny and evolution of tribe Sphodrini. Macro and microevolutionary patterns", defended by Carlos Ruiz Carreira on the 12^{ve} June 2009, Universidad de Murcia (Spain).

Jury member (rapporteur) of the private defence of the PhD thesis "Comparative phylogeography and speciation processes in four boreo-montane leaf beetle species (Coleoptera, Chrysomelidae)" by Maud Caroline Quinzin, Université Libre de Bruxelles, Brussels (Belgium). 12 July 2013.

PhD project evaluation: Silvia Chafino Aixa (21 April 2016, secretary, Universitat Pompeu Fabra).

Secretary of PhD panel evaluating the thesis "Evolution of the male genitalia in the genus *Limnebius* Leach 1815, family Hydraenidae, Coleoptera", defended by Andrey Rudoy on 17th October, 2016, Universitat de Barcelona, Barcelona (Spain).

Member of PhD panel evaluating the thesis "Análise filogenética molecular das tribos de Lamiinae (Coleoptera: Cerambycidae)", defended by Diego de Santana Souza on 7th March, 2017, Universidade Federal do Paraná, Curitiba (Brasil).

Erasmus, DEA and MSc project supervision

José Antonio Jurado Rivera, Research Certificate, DEA, Universitat de les Illes Balears, "La filogenia molecular aplicada al estudio de la dieta de los insectos fitófagos: Ensayo en los Chrysomelinae australianos (Coleoptera: Chrysomelidae)", 2 June 2008. Qualification: Sobresaliente.

Helena Vizán Rico, MSc in Evolutionary Biology, Universidad Complutense de Madrid, "Evolución de genes de función masculina en especies de Calligrapha (Coleoptera: Chrysomelidae) con diferentes estrategias reproductivas", 20 September 2012. Qualification: 9/10.

Anna Vourlou, Graduating student, Faculty of Biology, National and Kapodistrian University of Athens, ERASMUS Placement Programme, 3 March-30 June 2014.

Nikolaos-Panagiotis Vlachopoulos, Biology Department, University of Crete, ERASMUS Practical Training, 15 March-15 June 2016.

Nefeli Zervou, Graduating student, Faculty of Biology, National and Kapodistrian University of Athens, Erasmus+ Programme, 2 October 2017-26 January 2018.

PhD Theses and Postdoctoral supervision

Postdoc Supervision

Host to Dr. **Anna Papadopoulou** (Juan de la Cierva Programme), Institute of Evolutionary Biology, Barcelona. January 2011-October 2013.

Predoc Supervision: Defended

Co-supervisor with Prof. José Serrano of the PhD thesis of Mr. **Carmelo Andújar Fernández**, "Systematics and Evolution of the *Carabus (Mesocarabus) lusitanicus* complex (Insecta: Coleoptera: Carabidae: Carabini) in the Iberian Peninsula", University of Murcia (Murcia, Spain), 28 September 2012. Qualification: *Apto Cum Laude* (European Mention).

Co-supervisor with Prof. Eduard Petitpierre of the PhD thesis of Mr. **José Antonio Jurado Rivera**, "Filogenia molecular, sistemática y evolución de los Chrysomelinae australianos (Coleoptera, Chrysomelidae)", University of the Balearic Islands, Palma de Mallorca (Spain), 23 January 2015. Qualification: *Sobresaliente*.

Supervisor with co-supervision by Dr. Anna Papadopoulou of the PhD thesis of Mrs. **Gissela Nathali De la Cadena Mendoza** (MAEC-AECID studentship, Foreigners Programme II-A), "Eliminación de impedimentos taxonómicos y ecológicos en "hot-spots" de biodiversidad mediante herramientas moleculares: los Chrysomelidae y sus asociaciones tróficas en el bosque seco tropical de Nicaragua", University of Barcelona, Barcelona (Spain), 22 December 2016. Qualification: *Excel.lent*.

Co-supervisor with Dr. Luciane Marinoni (Univ. Fed. do Paraná) and Dr. Marcela Laura Monné (Museu Nacional da Univ. do Rio de Janeiro) of the PhD thesis of Mr. **Diego de Santana Souza**, "Molecular phylogenetic assessment of the tribes of Lamiinae (Coleoptera: Cerambycidae)", Universidade Federal do Paraná, Curitiba (Brazil), 7 March 2017. Qualification: *Aprovado*.

Supervisor with co-supervision by Prof. Nguyen Van Sinh (Vietnam Academy of Science and Technology) of the PhD thesis of Mrs. **Nguyen Thi Dinh** (CSIC-VAST cooperation agreement), "Study on the diversity of leaf beetles (Chrysomelidae) and their relationship with plants and environmental conditions in the Núi Chúa national park (Ninh Thuan province, Vietnam) by means of molecular tools", Vietnam Academy of Science and Technology, Ha Noi (Vietnam), 24 July 2018.

Co-supervisor with Dr. Valter Vieira Alves and Dr. Samuel Boff (Univ. Federal da Grande Dourados) of the PhD thesis of Mrs. **Ana Isabel Sobreiro**, "Influence of forest regeneration on the community of Atlantic Forest

bees, Brazil", Universidade Federal de Grande Dourados, Dourados (Brazil), 13 September 2018. ("Doutorado sanduiche no Exterior" stay in Barcelona: 17 April - 22 September 2017).

Predoc Supervision: Ongoing

Supervisor of the PhD thesis of Mrs. Helena Isabel Vizán Rico (FPI studentship), "Genome-wide analysis of the consequences of sex loss: Exploring the fate of male function", Institute of Evolutionary Biology, Barcelona. Since 1 December 2012.

Predoc Supervision: Resigned

Supervisor of the PhD thesis of Mr. Tinguaro Montelongo Suárez (FPI studentship), "Genetic and phylogenetic tests of hybridization in unisexual beetles", Institute of Evolutionary Biology, Barcelona. Since September 2009.

Supervisor of the PhD thesis of Mrs. Anabela do Rosário Piedade Cardoso (freelance), "Differentiation in the tiger beetle *Cicindela lusitanica* and its relevance for conservation", Institute of Evolutionary Biology, Barcelona. Since September 2011.

Teaching

Lecturer of the practical classes in the course "Genetics" of the Biology Degree studies, University of the Balearic Islands (135 hours). Academic course 1995-1996.

Assistant lecturer of the practical classes in the course "Genetics" of the Biology Degree studies, University of the Balearic Islands. Academic course 1998-1999.

Assistant lecturer of the practical classes in the course "Phylogeny and Evolution of Genes and Genomes" of the Biology Degree studies, University of the Balearic Islands. Academic courses 1997-1998, 1998-1999 and 1999-2000.

Lecturer in the sessions "Advances in Genetic Engineering" (8 hours) in the course "New Advances in Biotechnology and Genetic Engineering", Teaching and Resources Centre of Palma. Palma de Mallorca (Balearic Islands), 29/31 March 2000.

Lecturer in the session "Introduction to Bioinformatics" (1 hour) and assistant lecturer in the practical classes of "Molecular Genetics" (49 hours) in the course "Formation Course of Specialists in Clinical Genetics", University-Industry Fund of the Balearic Islands and Son Dureta Hospital. Palma de Mallorca (Balearic Islands), May - June 2000.

Lecturer in the session "The species concept in molecular biology" (45 min) in the MSc Course "Advanced Methods in Taxonomy and Biodiversity", Imperial College of Science, Technology and Medicine / The Natural History Museum, London. 13 February 2002.

Lecturer in the practical sessions "Introduction to phylogeography" (45 min.) and "Introduction to nested clade analysis" (45 min.) in the course "Molecular Ecology", Department of Zoology and Physical Anthropology, University of Murcia, Murcia. 5 and 12 May 2004, 2 and 8 June 2005.

Lecturer in the PhD course "Speciation, Phylogeny and Phylogeography" (30 hours), Department of Zoology and Physical Anthropology, University of Murcia, Murcia. 7-18 March 2005.

Lecturer in the seminar "Introduction to PAUP*" (4 hours), in the PhD course "Molecular Techniques in Ecology and Systematics", Department of Zoology and Physical Anthropology, University of Murcia, Murcia, 24 May 2005.

Lecturer in the session "Phylogeography: Genetic variation in time and space" (45-60 min.), in the IBE PhD Training Course, Institut de Biologia Evolutiva CSIC-UPF, Barcelona, 24 January 2013, 20 January 2015 and 23 January 2018.

Lecturer in the seminar "Using phylogenies to delimit and identify species in large-scale biodiversity inventories" (120 min.) for the MSc Course "Biodiversitat", University of Barcelona, Barcelona, 17 December 2013.

Scientific coordination

Jaume Badia Boher, Técnico conservador de colecciones biológicas, Plan Empleo Joven, CSIC (CS_CAT_IBE_069 Garantía Juvenil CSIC). From January 2016 to August 2016.

Elena Plana Padró, Técnica conservadora de colecciones biológicas, Plan Empleo Joven, Contratos de Garantía Juvenil (Fondos FEDER). CSIC. From October 2016 to January 2018.

Specialisation courses, workshops and scientific visits

Specialisation courses

Course "Applications of PCR in biological analyses" (16 hours). *Colegio Oficial de Biólogos*, Palma de Mallorca (Balearic Islands), 17-18 February 1994.

Glasgow Taxonomy Course "Phylogenies and their Uses". University of Glasgow, Glasgow, Scotland. 1-12 September 1997.

Postgraduate course "An introduction to Metagenomics and Metabarcoding" (Transmitting Science), 40 hours on-site (2 ECTS), Heraklion, Crete (Greece), 19-23 March, 2108.

Workshops

Centre for Ecology and Evolution Workshop, "Sex and ASEX from microbes to multicells". Zoological Society of London, UK. 22 November 2000. [passive participation].

10th Workshop of Marie Curie Fellows. International Directorate of the Office of Science and Technology. London, 6 - 7 September 2001.

Centre for Ecology and Evolution Workshop, "Systematics: the foundation of biology?". The Natural History Museum, London, UK. 28 November 2001. [passive participation].

ESF PARTNER Workshop 2, "Origin and spread of Asexuals". Universitat de València, Valencia, Spain. 16-18 April 2004.

ESF PARTNER Workshop 3, "Diversity in Asexuals: patterns and processes". Universität Münster, Münster, Germany. 6-10 October 2004.

ESF Exploratory Workshop, "New tools for biodiversity conservation through the advancement of phylogeographic methodologies". University of East Anglia, Norwich, United Kingdom. 3-6 July 2006.

Attendance to meeting "Frontiers in Biodiversity. A phylogenetic perspective". Barcelona, 1-2 October 2010.

Biodiversity Institute Symposium, "Biodiversity conservation beyond protected areas". Department of Zoology, University of Oxford, Oxford, United Kingdom. 21-22 September 2011.

"Tropical biodiversity in the 21st century symposium - Linking Taxonomy, Genomics and Ecological Theory", Natural History Museum, London. 3-4 June 2013.

Scientific visits

Short stay in the Population Biology Sector, School of Biological Sciences, University of East Anglia, Norwich, U.K. Supervisor: Prof. Godfrey M. Hewitt. 12 October - 26 December 1997.

Short stay in the Population Biology Sector, School of Biological Sciences, University of East Anglia, Norwich, U.K. Supervisor: Prof. Godfrey M. Hewitt. 3 May - 8 June 1999.

Short stay in the Molecular Systematics Laboratory, Department of Entomology, The Natural History Museum, London, U.K. Supervisor: Dr. Alfried P. Vogler. 11 September - 20 October 2000.

Short stays in the Molecular Systematics Laboratory, Department of Entomology, The Natural History Museum, London, U.K. 12 February - 10 May 2003, 5 August - 6 September 2003, and 23 March - 14 April 2004.

Short stay in the Abteilung Entomologie, Zoologische Staatssammlung München, Munich, Germany. 24-31 July 2007.

Short stay in the Station des Recherches fruitières de Pocquereux, La Foa, New Caledonia. 3 March-14 April 2008.

Short stay in the Abteilung Entomologie, Zoologische Staatssammlung München, Munich, Germany, 1-31 July 2011.

Short stay in the Oxford University Museum of Natural History, Oxford, United Kingdom, 17-24 September 2011.

Short stay in the Smithsonian Institution National Museum of Natural History, Washington DC, USA, 18 November-8 December 2011.

Other

Internal student in the Genetics Unit of the Son Dureta Hospital (Palma de Mallorca) to study clinical cytogenetics for pre- and postnatal diagnostics. Supervisor: Dr. Bartolomé Jaume Roig. 1 August - 31 September 1993.

Professional, Scientific or Honorific Societies

Natural History Society of the Balearic Islands. 1996-2001.

Society for the Study of Evolution. 1999-2007.

European Society for Evolutionary Biology. 2001-2006.

Society of Systematic Biologists. 2001-2006.

International Organization for Systematic and Evolutionary Biology. From 2002.

Sociedad Española de Biología Evolutiva. 2005-2008.

English style corrector for the *European Journal of Entomology*. 2003-2008.

Member of the Editorial Board of *Bolletí de la Societat d'Història Natural de les Balears*. 1999-2001.

Member of the Editorial Board of *Terrestrial Arthropod Reviews*. 2007-2008.

Member of the Editorial Board of *European Journal of Entomology*. 2007-2012.

Member of the Editorial Board of *Journal of Entomological and Acarological Research*. 2012.

Member of the Editorial Board of *Integrative Zoology*. From 2012-2014.

Appointed *ad hoc* Reviewer

Projects

Research Projects BOF UA 2002 (Special fund for research) of the Research Council, Universiteit Antwerpen
Grant Agency of the Czech Republic

Plan Nacional de I+D+I 2004-2007, 2008-2011

Programa de Parques Nacionales del Ministerio de Medio Ambiente

Junta de Andalucía, Research Projects, 2007

Seneca Fund, Murcia 2008

Research Projects 2009, Education Council, Castilla-La Mancha

Proyectos de Investigación Básica, Plan de Ciencia, Tecnología e Innovación de Asturias 2006-2009

FONCyT, *Secretaría de Ciencia, Tecnología e Innovación (Agencia Nacional de Promoción Científica y Tecnológica, República de Argentina)*

National Science Foundation, USA

Fondation pour la Recherche sur la Biodiversité, France

MISTRALS, ENVI-MED Regional Programme, France

Fonds zur Förderung der wissenschaftlichen Forschung (FWF), Austria

Proyectos de Investigación Fundamental 2010, Gobierno de Canarias

Agence Nationale de la Recherche (ANR), France (March 2012)

Nederlandse Organisatie voor Wetenschappelijk (NOW), Council for the Earth and Life Sciences, The Netherlands (March 2013)

European Commission, ERC2016, AdG LS9, Applied Life Sciences and non-Medical Biotechnology, January 2017.

United States-Israel Binational Science Foundation, 2016 Project Call, January 2017.

Articles in National Journals

Reviewer for the national journals *Acta Entomologica Musei Nationalis Pragae*, *Boletín de la Sociedad Entomológica Aragonesa*, *Bolletí de la Societat d'Història Natural de les Balears*, *Entomologische Blätter und Coleoptera*, *Journal of the Entomological Research Society*, and *Turkish Journal of Zoology*.

Articles in International Journals

Reviewer for the international journals *Biological Journal of the Linnean Society*, *BMC Evolutionary Biology*, *Bulletin of Entomological Research*, *Coleopterists Bulletin*, *Conservation Genetics*, *Ecological Indicators*, *Ecology and Evolution*, *Entomologica Fennica*, *European Journal of Entomology*, *European Journal of Taxonomy*, *Evolution*, *Evolutionary Ecology*, *Genus*, *Heredity*, *Insect Molecular Biology*, *Insect Systematics and Diversity*, *Integrative Zoology*, *International Journal of Molecular Sciences*, *Journal of Applied Entomology*, *Journal of Biogeography*, *Journal of Heredity*, *Journal of Insect Conservation*, *Journal of Molecular Evolution*, *Journal of Zoology*, *Molecular Ecology*, *Molecular Ecology Resources*, *Molecular Phylogenetics and Evolution*, *Myrmecological News*, *Organisms Diversity and Evolution*, *PLoS ONE*, *Proceedings of the Royal Society of London B*, *Scientific Reports*, *Systematic Entomology*, *Systematics and Biodiversity*, *ZooKeys*, *Zoological Journal of the Linnean Society*, *Zoological Science*, *Zoologica Scripta* and *Zootaxa*.

Outreach

2007. Disputing coevolution in herbivorous insects: do we need a paradigm change? *Science Daily*, posted by Public Library of Science. <http://www.sciencedaily.com/releases/2007/04/070411073549.htm>

2011. Two new species of 'leaping' beetles discovered in New Caledonia. *Science Daily*, posted by Plataforma SINC. <http://www.sciencedaily.com/releases/2011/01/110118092136.htm>

2011. New beetle species, named for National Geographic, sheds light on island evolution. *News Watch*, Posted by David Braun, http://newswatch.nationalgeographic.com/2011/03/07/national_geographic_beetle/ [March 7, 2011]

Gómez-Zurita, J. 2013. The beauty of beetles. *International Innovation*, **October 2013**: 86-88. [<http://www.researchmedia.eu>]

2016. Contribution of exhibition material for Top Ciencia CosmoCaixa.

2017. Interview for dissemination of scientific activities at the Hungarian Museum of Natural History. http://nhmus.hu/en/xplore/differently_about_our_research/jesus-gomez-zurita-interview [August 28, 2017]

Field Work Experience

Iberian Peninsula – 1994-2000, 2002.

NE North America (New Jersey, New York, Pennsylvania, Maryland, West Virginia, Ohio, Michigan, Vermont, New Hampshire, Massachusetts, Quebec, Ontario) – July 2001

Eastern Canada (Quebec, Ontario) – July 2002

New Caledonia – March-April 2008

NW North America (Oregon, Washington, Idaho, Montana, British Columbia, Alberta) – July-August 2009

American Midwest (Illinois, Iowa, South Dakota, North Dakota, Minnesota, Wisconsin) – June 2010

SE North America (Texas, Louisiana, Mississippi, Alabama, Georgia, Florida, South Carolina, North Carolina, Tennessee) – May 2011

León and Managua provinces (Nicaragua) – January 2012

NE North America (Virginia, Maryland, Delaware, Pennsylvania, New York, Quebec, New Brunswick, Nova Scotia, Maine, New Hampshire, Massachusetts) – May-June 2012

Vietnam (Ninh Thuan) - September 2012

Chile (Los Lagos) - December 2014

NE North America (New Hampshire, New York, Vermont) – June-July 2015

SE Arizona - July 2017

Museum Experience

Coleção Entomológica Padre Jesus Santiago Moure (UFPR, Curitiba, Brazil)

E.H. Strickland Entomological Museum (Edmonton AB, Canada)

Florida State Collection of Arthropods (Gainesville FL, USA)

Harvard Museum of Comparative Zoology (Cambridge MA, USA)

Hungarian Natural History Museum (Budapest, Hungary)

M.T. James Entomological Collection (Pullman WA, USA)

Museum für Naturkunde (Berlin, Germany)

Narodní Muzeum (Prague, Czech Republic)

Natural History Museum (London, UK)

Naturhistorisches Museum (Basel, Switzerland)

Naturhistoriska riksmuseet (Stockholm, Sweden)

Oregon State Arthropod Collection (Corvallis OR, USA)

Oxford University Museum of Natural History (Oxford, UK)

Royal Alberta Museum (Edmonton AB, Canada)

Smithsonian Institution National Museum of Natural History (Washington DC, USA)

Texas A&M University Insect Collection (College Station TX, USA)

University of Wisconsin Insect Research Collection (Madison WI, USA)

Zoologische Staatssammlung (Munich, Germany)

Taxonomic acts

Taxa described

Supraspecific taxa

Calligrapha subgen. *Erythrographa* Gómez-Zurita i.l. [submitted to *Zootaxa*]

Kumatoides Gómez-Zurita i.l. [submitted to *Zootaxa*]

Taophila subgen. *Lapita* Gómez-Zurita & Cardoso, 2014

Taophila subgen. *Jolivetiana* Gómez-Zurita & Cardoso, 2014

Species

Aphthonoides doeberli Gómez-Zurita, 2017

Arsipoda geographica Gómez-Zurita, 2010

Arsipoda rostrata Gómez-Zurita, 2010

Calligrapha anabelae Gómez-Zurita, 2015

Calligrapha catarinae Gómez-Zurita, 2015

Calligrapha pavimentata Gómez-Zurita, 2016

Calligrapha synthesys Gómez-Zurita i.l. [accepted in *Zootaxa*]
Calligrapha thermalis Gómez-Zurita 2013
Calligrapha zapoteca Gómez-Zurita, 2016
Kumatoides anomala Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides aulacia Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides leptalei Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides megale Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides metallica Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides millei Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides tarsalis Gómez-Zurita i.l. [accepted in *Zootaxa*]
Kumatoides wanati Gómez-Zurita i.l. [accepted in *Zootaxa*]
Monolepta decreta Nguyen & Gómez-Zurita, 2017
Monolepta deminuta Nguyen & Gómez-Zurita, 2017
Monolepta densopunctata Nguyen & Gómez-Zurita, 2017
Monolepta dubia Nguyen & Gómez-Zurita, 2017
Monolepta fluctuans Nguyen & Gómez-Zurita, 2017
Monolepta fuscicorne Nguyen & Gómez-Zurita, 2017
Monolepta interruptomarginata Nguyen & Gómez-Zurita, 2017
Monolepta ochracea Nguyen & Gómez-Zurita, 2017
Monolepta praetexta Nguyen & Gómez-Zurita, 2017
Monolepta quotidiana Nguyen & Gómez-Zurita, 2017
Monolepta thomaswagneri Nguyen & Gómez-Zurita, 2017
Oulema (Oulema) taophiloides Gómez-Zurita, 2011
Paleosepharia frontis Nguyen & Gómez-Zurita, 2017
Paleosepharia nuichua Nguyen & Gómez-Zurita, 2017
Taophila (Lapita) aphrodita Gómez-Zurita, 2014
Taophila (Lapita) atlantis Platania & Gómez-Zurita i.l.
Taophila (Lapita) gaea Gómez-Zurita, 2014
Taophila (Lapita) hermetica Platania & Gómez-Zurita i.l.
Taophila (Lapita) olympica Platania & Gómez-Zurita i.l.
Taophila (Lapita) kronica Platania & Gómez-Zurita i.l.
Taophila (Lapita) oceanica Platania & Gómez-Zurita i.l.
Taophila (Lapita) ourana Platania & Gómez-Zurita i.l.
Taophila (Lapita) riberai Platania & Gómez-Zurita i.l.
Taophila (Lapita) tridentata Platania & Gómez-Zurita i.l.

New combinations

Acronymolpus bertiae (Jolivet, Verma & Mille, 2007) from *Stethotes* Baly, 1867 [Gómez-Zurita, 2017]
Acronymolpus jourdani (Jolivet, Verma & Mille, 2013) from *Stethotes* Baly, 1867 [Gómez-Zurita, 2017]
Calligrapha (Zygospila) Achard from *Zygogramma (Zygospila)* [Montelongo & Gómez-Zurita, 2014]
Kumatoides costata (Jolivet, Verma & Mille, 2007) from *Montrouzierella* Jolivet, Verma & Mille, 2007 [Gómez-Zurita i.l., submitted to *Zootaxa*]
Rhyparida foaensis (Jolivet, Verma & Mille, 2007) from *Dematochroma* Baly, 1860 [Gómez-Zurita, 2011]
Taophila mandjeliae (Jolivet, Verma & Mille, 2010) from *Stethotes* Baly, 1867 [Gómez-Zurita, 2017]

Status upgrade

Calligrapha suturella Schaeffer, 1933 from *Calligrapha multipunctata* var. *suturella* Schaeffer, 1933 [Gómez-Zurita et al., 2004]

Status revived

Dematochroma difficilis (Heller, 1916) from synonymy with *Dematochroma terastiomerus* (Heller, 1916) - Jolivet et al. 2007:39 [Gómez-Zurita, 2011]

Status downgrade

Calligrapha geographica subsp. *famularis* Stål, 1860 from *Calligrapha famularis* Stål, 1860 [Gómez-Zurita, 2015]

Synonyms

Acronymolpus gressitti Samuelson, 2015 = *Stethotes jourdani* Jolivet, Verma et Mille, 2013 [Gómez-Zurita, 2017]

Acronymolpus joliveti Samuelson, 2015 = *Stethotes jourdani* Jolivet, Verma et Mille, 2013 [Gómez-Zurita, 2017]

Acronymolpus meteorus Samuelson, 2015 = *Stethotes bertiae* Jolivet, Verma et Mille, 2007 [Gómez-Zurita, 2017]

Acronymolpus turbo Samuelson, 2015 = *Stethotes bertiae* Jolivet, Verma et Mille, 2007 [Gómez-Zurita, 2017]

Replacement names

Desbordelepta Nguyen & Gómez-Zurita, 2017 (for *Desbordesus* Laboissière 1933 *nec* Maindron 1906)

Rhyparida leana Gómez-Zurita, 2011 (for *Rhyparida apicipennis* Lea 1915 *nec* Jacoby 1898)

Rhyparida reiterata Gómez-Zurita, 2011 (for *Rhyparida prosternalis* Lea 1915 *nec* Jacoby 1894)

Rhyparida wiseana Gómez-Zurita, 2011 (for *Rhyparida pallidula* Weise 1922 *nec* Lea 1915)

Patronyms

Arsipoda gomezzuritai D'Alessandro, Samuelson & Biondi, 2016