

PERSONAL INFORMATION

July, 2022

Family, first name: Roca-Cusachs Lopez-Balcells, Marcos
Date and place of Birth: May 18th, 1989. Barcelona, Spain.
Present affiliation: *IRBio. Institut de Recerca a la Biodiversitat, Universitat de Barcelona, Barcelona, Spain.*
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EDUCATION

2017 – 2020 **PhD in Applied Biology.** Chungnam National University, Daejeon, Republic of Korea. **Supervisor:** Prof. Sunghoon Jung. *Thesis:* Systematic Study on the Stink bugs (Hemiptera: Heteroptera: Pentatomidae) with Emphasis on Phylogenetic Relationships and Integrated Taxonomy

2015 – 2016 **MSc in Animal Biodiversity and Evolution.** University of Barcelona, Spain. *Thesis:* An integrative taxonomic revision of the spider genus *Dysdera* in Morocco.

2008 – 2015 **BSc in Biology.** University of Barcelona, Spain. *Final Year project:* Testing ecological release and species boundaries in multi-island species with contrasting levels of trophic specialization: The case of the genus *Dysdera* (Araneae: Dysderidae) in the western Canary Islands

FELLOWSHIPS, GRANTS AND AWARDS

2019 **Best Student Oral Presentation**, and reciever of the grant “**Premio Cátedra Luis Camoens**” at XVIII Congreso Ibérico de Entomología, Madrid, Spain. *Presenting:* Molecular phylogeny of the stink bug family Pentatomidae (Hemiptera: Heteroptera).

2018 **Best Student Oral Presentation** at VI Quadrennial IHS Meeting, La Plata, Argentina. *Presenting:* Molecular phylogeny of the stink bug family Pentatomidae (Hemiptera: Heteroptera).

2018 **Nils and Annemarie Møller Andersen student travel grant** for attending the VI Quadrennial IHS Meeting, La Plata, Argentina.

2018 **Best Student Oral Presentation** at the 11th Japan – China – Korea Graduate Student Forum, Tsukuba, Japan. *Presenting:* Subfamily Asopinae (Hemiptera: Heteroptera: Pentatomidae) in the Korean Peninsula.

2017 **KGSP.** Korean Government Scholarship Program-grant for predoctoral students, National Institute for International Education Development (NIIED), Korean Government of Education.

2016 **Best Student Oral Presentation** at Congreso Internacional de Sistemática Biológica (CISA), Vitoria-Gasteiz, Spain. *Presenting:* Testing ecological release and species boundaries in multi-island species with contrasting levels of trophic specialization: The case of the genus *Dysdera* (Araneae: Dysderidae) in the western Canary Islands.

2015 **Systematic Research Fund** from the systematics Association and the Linnean Society of London, United Kingdom.

PROFESSIONAL APPOINTMENTS

2020 – Present Departament de Biologia Evolutiva, Ecologia i Ciències Ambientals (BEECA) & IRBio. Institut de Recerca a la Biodiversitat University of Barcelona, Spain.

2020 Department of Entomology, North Dakota State University. Fargo, North Dakota, USA. Predoctoral fellow (1 month).

2017 – 2020 Laboratory of Systematic Entomology, Chungnam National University, Daejeon, Korea. Predoctoral fellow (3 years).

2017 Museo Nacional de Ciencias Naturales, Colección de Artrópodos Predoctoral fellow (2 months)

2016 – 2017 Departament de Biologia Animal, University of Barcelona, Spain. Predoctoral fellow (8 months).

2015 – 2020. External collaborator of the Arthropod collection in “Centre de Recursos de Biologia Animal (CRBA)” Faculty of Biology, University of Barcelona.

PARTICIPATION IN RESEARCH PROJECTS

Taxonomic studies on Pentatomidae (Hemiptera: Pentatomoidea) of India with special reference to Pentatominae (Institute Project Code: CRSCNBAIRSIL201500300161). India. *Five years starting from: 12.09.2019. P.I. Dr. S. Salini.*

Korea Environment Industry & Technology Institute (KEITI) through Exotic Invasive Species Management Program, funded by Korea Ministry of Environment (MOE) (2018002270005), Republic of Korea. *P.I. Prof. S. Jung.*

National Institute of Biological Resources (NIBR), funded by the Ministry of Environment (MOE) of the Republic of Korea (NIBR202003102), Republic of Korea. *P.I. Prof. S. Jung.*

Korea National Arboretum (KNA-1-24 (KNA-20-C-11)), Republic of Korea. *P.I. Prof. S. Jung.*

Basic Science Research Program through the National Research Foundation of Korea (NRF) funded by the Ministry of Science, ICT and Future Planning (NRF-2017R1D1A3B03033847), Republic of Korea. *P.I. Prof. S. Jung.*

Cooperative Research Program for Agricultural Science & Technology Development (Project No. PJ0134642018), Rural Development Administration, Republic of Korea. *P.I. Prof. S. Jung.*

ONGOING PROJECTS

Phylogeny, biogeography, and reclassification of the family Pentatomidae (Hemiptera: Pentatomoidea: Pentatomidae). *2 papers in prep.*

Taxonomy of Pentatomoidea. Special focus on the Early Diverging Lineages (EDP) of Pentatomidae (Rhynchocorini, *Placosternum* genus-group). *5 papers in prep.*

Catalogues and checklists from the Iberico-Macaronesian region (Heteroptera) and from the Korean peninsula (Pentatomoidea).

2022 SUBMITTED PUBLICATIONS (*corresponding author)

Roca-Cusachs, M*, David A. Rider & Jung, S*. (*Submitted to Raffles Bulletin of Zoology*). Revision of *Vitruvius* Distant with the description of a new species, and notes on its phylogenetic placement (Hemiptera: Heteroptera: Pentatomidae). Accepted

PEER-REVIEWED PUBLISHED PUBLICATIONS (*corresponding author, ⁺equal contribution).

Lobato-Vila, I⁺, Bae, J., **Roca-Cusachs, M⁺**, Kang, M., Jung, S. *, Melika, G., Péntzes, Z. & Pujade-Villar, J. 2022. Global phylogeny of the inquiline gall wasp tribe Synergini (Hymenoptera: Cynipoidea: Cynipidae): first insights and establishment of a new cynipid tribe. *Zoological Journal of the Linnean Society*. <https://doi.org/10.1093/zoolinnean/zlab085>

Roca-Cusachs, M. & Goula, M. 2021. *Fulvius oxycarenoides* (Reuter, 1878), first records of the subfamily Cylapinae (Heteroptera: Miridae) in Catalonia and Aragon (NE Iberian Peninsula). *Arquivos Entomológicos*, (24), 323-324.

Roca-Cusachs, M., Kim, J., Schwertner, C.F. Grazia, J., Eger, J. & Jung, S*. 2022 Opening Pandora's box: Molecular Phylogeny of the Shield Bugs (Hemiptera: Heteroptera: Pentatomidae) reveals great incongruences in its internal classification. *Systematic Entomology*, <https://doi.org/10.1111/syen.12514>

Serra, A., **Roca-Cusachs, M.**, Basas Satorras, H. & Goula, M. 2022. *Exemplars tipus d'Heteròpters de la col·lecció Jordi Ribes (Hemiptera, Heteroptera) dipositada al Centre de Recursos de Biodiversitat Animal (CRBA)*. Publicacions del CRBA. Volume 17, 67 pp. <http://hdl.handle.net/2445/187148>

Kim, J., **Roca-Cusachs, M.** & Jung, S.* 2021. Molecular phylogeny of Nabidae (Hemiptera: Heteroptera: Cimicomorpha): insight into relationships and reclassification with the proposal of the new tribe Stenonabini. *Systematic Entomology* 47: 1–12 <https://doi.org/10.1111/syen.12512>

Kim, J., **Roca-Cusachs, M.** & Jung, S.* 2021. *Cretanabis kerzhneri* gen. and sp. nov., the oldest nabine genus and species (Hemiptera: Heteroptera: Nabidae) from the mid-Cretaceous Burmese amber. *Cretaceous research*. Accepted manuscript.

Kim, J., **Roca-Cusachs, M.**, Lee, B.W., Kim, I-K. & Jung, S.* 2021. First record of the genus *Tuponia* Reuter (Hemiptera: Heteroptera: Miridae: Phylinae) from the Korean Peninsula, with description of a new species and notes on natural history with *Tamarix*. *Journal of Natural History*, 55: 19–20, <https://doi.org/10.1080/00222933.2021.1943555>

Kim, J., **Roca-Cusachs, M.**, Rider, D.A. & Jung, S.* 2021. A new species, *Colimacoris graziae* sp. nov. (Hemiptera: Miridae: Hyalioidini) from Panama, with the key to *Colimacoris* species. *Zootaxa*, 4958 (1): 313–318.

Kóbor, P.* & **Roca-Cusachs, M.** 2021. *Pseudocaulisoculus longicornis*: description of new yuripopovininid true bug from Burmese amber (Heteroptera: Coreoidea: Yuripopoviniidae). *Cretaceous research* 125 (2021), 104849. <https://doi.org/10.1016/j.cretres.2021.104849>

Roca-Cusachs, M., Rider D.A. & Jung, S.* 2021. New genus and species of Pentatomidae from Borneo (Hemiptera: Heteroptera). *Zootaxa*. 4958 (1): 560–569

Roca-Cusachs, M., Paris, M., Mohagan, A. & Jung, S.* 2021. *Urolabida graziae*, new Urostylidid species from the Philippines with comments on the current taxonomy and systematics of the family (Pentatomidae: Urostylididae). *Zootaxa*. 4958 (1): 702–712

Salini, S*⁺. & **Roca-Cusachs, M.** ⁺ 2021. Review of the genus *Brachycerocoris* Costa, 1863

(Hemiptera: Pentatomoidea: Pentatomidae: Podopinae s.l.) from the Oriental region with description of two new species. *Zootaxa*. 5040 (4): 507–527.

Kim, J., **Roca-Cusachs, M.** & Jung, S.* 2020. *Malagasycoelum dracula* gen. and sp. nov., a new genus and a new species of the subfamily Mirinae (Hemiptera: Heteroptera: Miridae) from Madagascar. *Zootaxa*, 4808(1), zootaxa-4808.

Lis, J.A.*⁺, **Roca-Cusachs, M.**⁺, Lis, B. & Jung, S. 2020. *Pullneyocoris dentatus* gen. et spec. nov. (Hemiptera: Pentatomoidea: Cydnidae), the third representative of the subfamily Amnestinae from Upper Cretaceous Burmese amber. *Cretaceous research*. 115, 104562. (⁺equal contribution).

Lobato-Vila, I, Kang, M., **Roca-Cusachs, M.**, Lim, J., Kim, I., Jung, S.* & Pujade- Villar, J. 2020. First taxonomical approach to the inquiline fauna (Hymenoptera: Cynipidae: Synergini, Ceroptresini) reared from cynipid galls on oaks (*Quercus* spp.) from South Korea.). *Zootaxa*, 4860 (2): 179–198. <https://doi.org/10.11646/zootaxa.4860.2.2>

Pujade-Villar, J., Kang, M., Bae, J., Wang, Y., Guo, R., **Roca-Cusachs, M.**, & Jung, S.* 2020. Current state of knowledge of the Korean Cynipini: subspecies description, new combinations and checklist (Hymenoptera, Cynipidae). *Journal of Asia-Pacific Entomology*, 23 (4), 1208–1221.

Roca-Cusachs, M.*, Goula, M., Múrria, C., Fortuño, P., Jiménez, L., Sellarès, N., Ordeix M., & Prat, N. 2020. New evidences on the presence of *Aphelocheirus aestivalis* in the Iberian Peninsula, its ecology and description of two northeastern Iberian populations. *Limnetica*, 39 (1), 155–167.

Roca-Cusachs, M., Kim, J., Park, J. & Jung, S.* 2020. Taxonomic review of the predatory stink bugs of the Korean Peninsula (Heteroptera: Pentatomidae: Asopinae), with a key to the Korean species and a discussion of their usefulness as biological control agents. *Journal of Asia-Pacific Entomology*, 23, 113–123. doi.org/10.1016/j.aspen.2019.09.006.

Roca-Cusachs, M.*, R., Suárez, D., Osorio, V., Becerra, R. G., Pérez, J. G., Teixidor, D. J. H., Pérez-Delgado, A.J., Pérez-Valcárcel, J., París, M., Oromí, P. & Goula, M. 2020. Updated check-list and geographic database of new chorological data of true bugs (Insecta, Hemiptera, Heteroptera) from the Canary Islands. *Archivos Entomológicos*, 22, 169–218.

Viñolas, A.*, Kim, J. & **Roca-Cusachs, M.** 2020. New records on the presence of the genus *Caenocara* C. G. Thomson, 1859 (Coleoptera: Ptinidae: Dorcatominae) in Korea. *Butlletí de la Institució Catalana d'Història Natural*, 84, 249–251.

Jung, S.*, Kim, J., Lee, H. & **Roca-Cusachs, M.** 2019. Taxonomic review of Lyctocoridae (Hemiptera: Heteroptera: Cimicomorpha) from the Korean Peninsula. *Korean Journal of Agricultural Science*, 46 (1), 79–84.

Kim, J., Goula, M., **Roca-Cusachs, M.**, Lim, J., Kim, I.K. & Jung, S.* 2019. *Iberolygus* n. gen., from the Iberian Peninsula (Hemiptera: Cimicomorpha: Miridae: Mirinae), with a new generic combination for *Apolygus rubrostriatus* (Wagner, 1971). *Zootaxa*, 4656 (1), zootaxa-4656.

Roca-Cusachs, M. & Jung, S*. 2019. Redefining *Stagonomus* Gorski based on morphological and molecular data (Pentatomidae: Eysarcorini). *Zootaxa*, 4658 (2), 368–374.

Roca-Cusachs, M., Kim, J., Garcia-Becerra, R. & Jung, S.* 2019. Journey to the Center of the Earth: Description of a new troglomorphic litter-bug species inhabiting lava tubes in the Canary Islands (Heteroptera: Dipsocoromorpha: Ceratocombidae). *Zootaxa*, 4550 (4), 557–564.

Roca-Cusachs, M., Kim, J., Kim, K.H., Lee, S.G. & Jung, S.* 2019. *Spockia tagala* gen. and

- sp. nov. a new monotypic genus of Asopinae (Hemiptera: Heteroptera: Pentatomidae) from the Philippines. *Zootaxa*, 4613 (1), zootaxa-4613.
- Viñolas, A., **Roca-Cusachs, M.** & Jung, S*. 2019. On the presence of the genus *Ernobius* C.G. Thomson, 1859, in Korea (Coleoptera: Ptinidae: Ernobiinae: Ernobiini). *Journal of Asia-Pacific Biodiversity*, 12 (1), 66–70.
- Crespo, L. C., Domènech, M., Enguídanos, A., Malumbres-Olarte, J., Cardoso, P., Moya-Laraño, J., Frías-López, C., Macías-Hernández, N., De Mas, E., Mazzuca, P., Mora, E., Opatova, V., Planas, E., Ribera, C., **Roca-Cusachs, M.**, Ruiz, D., Sousa, P., Tonzo, V. & Arnedo, M.A.* 2018. A DNA barcode-assisted annotated checklist of the spider (Arachnida, Araneae) communities associated to white oak woodlands in Spanish National Parks. *Biodiversity data journal*, 6, e29443. <https://doi.org/10.3897/BDJ.6.e29443>
- Kim, J., **Roca-Cusachs, M.** & Jung, S.* 2018. Taxonomic review of the genus *Urostylis* (Hemiptera: Heteroptera: Urostylididae) from the Korean Peninsula, with description of a new species. *Zootaxa*, 4433(3), 445–456.
- Kim, J., **Roca-Cusachs, M.**, Pham, H.T. & Jung, S.* 2018. A new species of the genus *Mecistoscelis* Reuter from Vietnam (Hemiptera: Miridae: Mecistoscelini), with key to *Mecistoscelis* species. *Zootaxa*, 4434(2), 396–400.
- Kóbor, P.*, Tóbiás, I., **Roca-Cusachs, M.** & Kondorosy, E. 2018. The subspecies concept in Geocorinae: an integrated taxonomic case study on *Geocoris (Piocoris) erythrocephalus* (Lepeletier & Serville, 1825)(Hemiptera: Heteroptera: Geocoridae). *Zootaxa*, 4482 (3), 541–550.
- Roca-Cusachs, M.**, Kim, J., Lee, H., Lee, G.S. & Jung, S.* 2018. Revision of genus *Stilbotes* Stål (Hemiptera: Pentatomoidea: Pentatomidae: Asopinae) with description of a new species. *Zootaxa*, 4425 (2), 385–392.
- Roca-Cusachs, M.**, Kim, J., Lee, H., Park, H. & Jung, S.* 2018. A new species of the genus *Paraholcostethus* Belousova (Hemiptera: Heteroptera: Pentatomidae: Carpocorini) from Korea. *Zootaxa*, 4422 (2), 296–300.
- Roca-Cusachs, M.***, París, M., & Goula, M. 2018. First record of *Adomerus biguttatus* (Linnaeus, 1758) in Castilla and Leon (Heteroptera, Cydnidae). *Boletín Asociación española de Entomología* 42 (1-2), 167–169.
- Roca-Cusachs, M.***, Ruiz, D., Colomar, L., & Goula, M. 2018. New records of the invasive alien plant pest *Halyomorpha halys* (Stål, 1855) in the Iberian Peninsula (Heteroptera: Pentatomidae). *Butlletí de la Institució Catalana d'Història Natural*, 73–77.
- Suárez, D.*, Hernández-Teixidor, D., Pérez-Delgado, A.J., **Roca-Cusachs, M.** & Oromí, P. 2018. New distribution records for insects (Insecta, Coleoptera and Diptera) in the Canary Islands. *Boletín de la Asociación Española de Entomología*, 42 (1/2), 1–11.
- Alonso-Zarazaga, M.A.* & **Roca-Cusachs, M.** 2017. *Svataea* nom. nov. for *Lakhonia* Descarpentries & Villiers, 1967 (Coleoptera: Buprestidae), non *Lakhonia* Yang, 1936 (Hemiptera: Pentatomidae). *Archivos Entomológicos*, 17, 457–458.
- Fernandez- Garzón, S., Rodríguez, P.A., **Roca-Cusachs, M.** & Pujade-Villar, J.* 2017. First record of *Zapatella grahami* Pujade-Villar & Melika, 2012 (Hymenoptera: Cynipidae) in Colombia (South America). *Archivos Entomológicos*, 18, 71–74.
- Pérez Valcarcel, J., Prieto Piloña, F. & **Roca-Cusachs, M.** 2017. Aportaciones faunísticas a los Heteroptera de Andalucía (S de la Península Ibérica): Coreoidea, Pentatomoidea y Pyrrhocoroidea. *Revista gaditana de Entomología*, 8 (1), 249–263

- Pujade-Villar, J., Caicedo-Ramirez, G., Rodríguez, P.A., Fernández-Garzón, S. & **Roca-Cusachs, M.** 2017. Primer reporte de una especie de cinípido dañina para *Q. humboldtii* en Colombia: *Zapatella petiolata* n. sp. Pujade-Villar & Caicedo (Hym., Cynipidae). *Butlletí de la Institució Catalana d'Història Natural*, 81: 37–46.
- Roca-Cusachs, M.*** & Goula, M. 2017 Confirmation of the presence of *Sciocoris* (*Neosciocoris*) *sideritidis* Wollaston, 1858 (Heteroptera: Pentatomidae) in the Iberian Península and first records for the province of Barcelona. *Butlletí de la Institució Catalana d'Història Natural*. 81, 11–12.
- Roca-Cusachs, M.*** & Goula, M. 2017. First record of the family Malcidae (Heteroptera: Lygaeoidea: Malcidae) in Western Palaearctic: invasive species or casual record? *Arquivos Entomolòxics*, 17, 289–292
- Roca-Cusachs, M.*** & Goula, M. 2017. Photosharing website photographs as a tool to refine distribution of Iberian and Canarian Pentatomoidea (hemiptera: heteroptera). *Boletín de la Sociedad Entomológica Aragonesa*, 60, 397–405.
- Roca-Cusachs, M.***, Vázquez, M.A. & Goula, M. 2017. New record of *Trochiscocoris hemipterus* (Jakovlev, 1879) in the Iberian Peninsula (Heteroptera: Pentatomidae). *Arquivos Entomolòxics*, 18, 35–38.
- Sas, M. F., Olmo-Vidal, J. M., **Roca-Cusachs, M.**, & Pujade-Villar, J*. 2017. Ooxtaxonomy of eight Tettigonoidea species (Insecta: Orthoptera), description and comparison of the egg morphology. *Micron*, 100: 79–90.
- Suarez, D*. Santos, I. & **Roca-Cusachs, M.** 2017. New data on the biology and chorology of the tribe Gonocerini (Hemiptera: Heteroptera: Coreidae) in the Canary Islands. *Arquivos Entomolòxics* 18, 169–172
- Macias-Hernandez, N.*, De La Cruz López, S., **Roca-Cusachs, M.**, Oromí, P., & Arnedo, M.A. 2016. A geographical distribution database of the genus *Dysdera* in the Canary Islands (Araneae, Dysderidae). *ZooKeys*, 625, 11–23
- Pujade-Villar, J.*, **Roca-Cusachs, M.** & Lobato-Vila, I. 2016. Description of the first species of *Synergus* with females with 13 antennomeres from Mexico (Hymenoptera: Cynipidae: Synergini). *Dugesiana* 23 (2), 109–116
- Roca-Cusachs, M.***, Garcia-Becerra, R. & Goula, M. 2016 First record of the Cylapine mirid bug *Fulvius borgesii* Chérot, J. Ribes & Gorczyca, 2006 (Heteroptera: Miridae) in the Canary Islands. *Arquivos Entomolòxics*, 16, 263–267.
- Roca-Cusachs, M.*** & Goula, M. 2016. New genus and species of ant-like true bug (Hemiptera: Miridae) from the Canary Islands, *Zootaxa*, 4173(1), 66–74. [ADDENDUM New genus and species of ant-like true bug (Hemiptera: Miridae) from the Canary Islands. *Zootaxa* 4173 (1): 066–074. *Zootaxa*, 4200 (2), zootaxa-4200.]
- Pujade-Villar, J.*, **Roca-Cusachs, M.** & Schiopu, I. 2015. First record of *Andricus trotteri* Kieffer from Romania (hymenoptera, cynipidae) *Boletín de la Sociedad Entomológica Aragonesa (S.E.A.)*, 57, 315–320.
- Pujade-Villar, J*, Serrano-Muñoz, M., Villegas-Guzmán, G. & **Roca-Cusachs, M.** 2015. *Synergus mexicanus* Gillette, 1896: a species that increases the generic conflict (Hym., Cynipidae: Synergini) *Butlletí de la Institució Catalana d'Història Natural* 79, 145–148
- Roca-Cusachs, M.***. 2015. New record for *Vibertiola cinerea* (Horváth, 1907) in the Iberian Peninsula (Heteroptera: Reduviidae: Harpactorinae). *Boletín de la Sociedad Entomológica Aragonesa (S.E.A.)*, 56.

Roca-Cusachs, M.* & Goula, M. 2015. First record of the invasive tingid species *Corythauma ayyari* (Drake, 1933) in the Iberian Peninsula (Insecta: Hemiptera: Heteroptera: Tingidae) *Butlletí de la Institució Catalana d'Història Natural*, 78, 119–123.

Osorio, V., **Roca-Cusachs, M.** Goula, M.* 2013. News On True Bugs Of Serra De Collserola Natural Park (Ne Iberian Peninsula) And Their Potential Use In Environmental Education (Insecta, Heteroptera) *Boletín de la Sociedad Entomológica Aragonesa (S.E.A.)*, 52: 244–248.

BOOKS AND BOOK CHAPTERS

Roca-Cusachs, M. & Jung, S. 2020. *Insect Fauna of Korea: Pentatomidae (Arthropoda: Insecta: Hemiptera: Pentatomidae)*. Volume 9, Number 8. Flora and Fauna of Korea. National Institute of Biological Resources (NIBR), Ministry of Environment. Incheon, Korea.

Goula, M., Osorio, V., Tomàs, J. & **Roca-Cusachs, M.** 2020. Llista dels Heteròpters de Catalunya (Insecta, Hemiptera, Heteroptera). Versió 2. <http://hdl.handle.net/2445/169573>

Goula, M., **Roca-Cusachs, M.**, Prieto Piloña, F. & Pérez-Valcárcel, J. 2020. *Checklist de Fauna Ibérica. Superfamilia Microphysoidea Dohrn, 1859 (Insecta: Heteroptera) en la península ibérica, islas Baleares e islas Canarias (edición 2020)*. En: *Documentos Fauna Ibérica*, 10. Ramos, M.A. & Sánchez Ruiz, M. (Eds.). Museo Nacional de Ciencias Naturales, CSIC. Madrid: 2 (sn) + 6 pp.

Roca-Cusachs, M. & Costas, M. 2020. *Checklist de Fauna Ibérica. Infraorden Dipsocoromorpha (Insecta: Heteroptera) en la península ibérica, islas Baleares e islas Canarias (edición 2020)*. En: *Documentos Fauna Ibérica*, 11. Ramos, M.A. & Sánchez Ruiz, M. (Eds.). Museo Nacional de Ciencias Naturales, CSIC. Madrid: 2 (sn) + 6 pp.

Goula, M., **Roca-Cusachs, M.** & Osorio, V. 2018. *Els Heteròpters de Catalunya*. Brau Edicions. 192 pp

Roca-Cusachs, M., Goula, M., Prieto Piloña, F. & Pérez Valcárcel, J. 2018. *Checklist de Fauna Ibérica. Superfamilias Aradoidea, Coreoidea y Pyrrhocoroidea (Insecta: Heteroptera) en la península ibérica, islas Baleares e islas Canarias (edición 2018)*. En: *Documentos Fauna Ibérica*, 6. Ramos, M.A. & Sánchez Ruiz, M. (Eds.). Museo Nacional de Ciencias Naturales, CSIC. Madrid: 2 (sn) + 14 pp.

Roca-Cusachs, M., Prieto Piloña, F., Pérez Valcárcel, J. & Goula, M. 2018. *Checklist de Fauna Ibérica. Superfamilia Pentatomoidea Leach, 1815 (Insecta: Heteroptera) en la península ibérica, islas Baleares e islas Canarias (edición 2018)*. En: *Documentos Fauna Ibérica*, 4. Ramos, M.A. & Sánchez Ruiz, M. (Eds.). Museo Nacional de Ciencias Naturales, CSIC. Madrid: 2 (sn) + 17pp.

PRESENTATIONS IN CONFERENCES

2022, July

VII Quadrennial International Heteropterists Society (IHS) Meeting.
Presenting: Insights into the Pentatomidae Phylogeny: up-to-date revision and preliminary new updated phylogenetic analysis (Pentatomoidea: Pentatomidae). Posters: **Molecular Phylogeny of Nabidae (Heteroptera: Cimicomorpha): Insight into the relationships and the Evolutionary History; Heteropteran Type Specimens (Hemiptera, Heteroptera) in the Jordi Ribes' Collection, deposited in the Centre de Recursos de Biodiversitat Animal; & The Type Specimens of Heteroptera (Hemiptera) deposited at the Museo Nacional de Ciencias Naturales, Madrid.** Barcelona, Spain

- 2019, June** XVIII Congreso Ibérico de Entomología. Presenting: **Molecular phylogeny of the stink bug family Pentatomidae (Hemiptera: Heteroptera)**. Madrid, Spain
- 2019, April** *International Conference of Korean Society of Applied Entomology (KSAE)*. Presenting: **Systematics of the genus *Placosternum* Amyot & Serville (Hemiptera: Heteroptera: Pentatomidae)**. Korea
- 2018, December** VI Quadrennial International Heteropterists Society (IHS) Meeting. Presenting: **Molecular phylogeny of the stink bug family Pentatomidae (Hemiptera: Heteroptera)**. Poster: **Preliminary catalogue of the Pentatomoidea (Acanthosomatidae, Cydnidae, Pentatomidae, Plataspidae, Thyreocoridae, Scutelleridae) from Spain**. La Plata, Argentina.
- 2018, October** *International Conference on Crop Protection*. Presenting: **A molecular phylogeny of the stink bug family Pentatomidae (Hemiptera: Heteroptera)**. Guangju, Korea
- 2018, September** 11th Japan – China – Korea Graduate Student Forum. Presenting: **Subfamily Asopinae (Hemiptera: Heteroptera: Pentatomidae) in the Korean Peninsula**. Tsukuba, Japan.
- 2018, April** *International Conference of Korean Society of Applied Entomology (KSAE)*. Presenting: **Subfamily Asopinae (Hemiptera: Heteroptera: Pentatomidae) in the Korean Peninsula**. Korea
- 2017, November.** XXXIII Jornadas de la Sociedad Española de Entomología. Poster: **Preliminary catalogue of the Pentatomoidea (Acanthosomatidae, Cydnidae, Pentatomidae, Plataspidae, Thyreocoridae, Scutelleridae) from Spain**. Almeria, Spain
- 2016, January** Iberian Congress of Animal Systematics (CISA). Presenting: **Testing ecological release and species boundaries in multi-island species with contrasting levels of trophic specialization: The case of the genus *Dysdera* (Araneae: Dysderidae) in the western Canary Islands**. Vitoria-Gasteiz, Spain.
- 2015, November** Young systematists' Forum, organized by the Systematics association, Presenting: **Testing ecological release and species boundaries in multi-island species with contrasting levels of trophic specialization: The case of the genus *Dysdera* (Araneae: Dysderidae) in the western Canary Islands**. NHML, London, United Kingdom.
- 2015, July** 7th European Hemiptera Congress. Poster: **Cryptic alien species in the genus *Fulvius*: the case of *F. borgesii* vs. *F. imbecilis* (Miridae: Cylapinae)**. Grass, Austria.
- 2014, November** VII Trobada de Col·laboradors Francisc Español. Presenting: **New Alien lace bug (Heteroptera, Tingidae) species in the Iberian Peninsula**. Barcelona, Spain

TEACHING EXPERIENCE

2018 – 2020 Assistant profesor on Entomology (BSc) and Systematics & Biogeography (BSc) courses, Chungnam National University, Daejeon, Korea.

MENTORING AND SUPERVISION

2020 – Ongoing BSc student. Jan Tomas Perernau, University of Barcelona & University of Girona. Taxonomical revision of the subfamily Rhopalinae (Heteroptera: Coreoidea: Rhopalidae) from the Iberian Peninsula and the Macaronesia.

2018 – 2020 BSc & MSc cojoint program student. Jongmin Bae. Taxonomy and phylogeny of gall parasitoids and inquilines (Hymenoptera) with empasis on the Korean fauna .

2018 – 2020 BSc & MSc cojoint program student.. Minjoon Kang. Taxonomical revision of the Cynipidae (Hymenoptera) from the Korean Peninsula.

2018 – 2020 MSc & PhD cojoint program student Jihoon Kim. Taxonomy and phylogeny of the Mordellidae (Coleoptera)with empasis on the Korean fauna .

ORGANIZATION OF SCIENTIFIC VENTS AND RESEARCH EXPEDITIONS

2022, June-July **VII Quadrennial IHS Meeting.** Barcelona, Spain. Organizing committee.

2019, June **Research expedition.** Philippines, Mindanao, Mt. Arakan, Mt. Kitanglad National Park, Impasugon & Cagayan de Oro. *1 week.*

2019, May **Research expedition.** Laos, Vientien province. *1 week*

2018, December **Research expedition.** Argentina, La Pampa. *1 week*

2018, November **Research expedition.** Philippines, Mindanao, Mt. Kitanglad National Park. *2 weeks.*

2017, October **Research expedition.** Philippines, Luzon, Los Baños. *1 week.*

2016, May **Research expedition.** Canary islands (whole archipellago). *3 weeks.*

2013 – 2014 **Research expedition.** Western Canary islands (La Gomera, El Hierro, La Palma, and Tenerife), *1 year systematic sampling.*

SCIENTIFIC SERVICE

Year **reviewer** for the scientific journals: *Insects* (2022), *Zootaxa* (2018 – 2022), *Zoology* (2021), *Austral Entomology* (2020), *Canadian Entomologist* (2018) and *Archivos Entomoloxicos* (2017 – 2021). Current member of the IRBio (Institute of Research in Biodiversity, and External Collaborator of the CRBA (Centre de Recursos de Biodiversitat Animal), University of Barcelona), Spain. Former member of the International Heteropterists Society (IHS).

CERTIFICATIONS AND LANGUAGE SKILLS

International Driver License.

Languages: Spanish (native), Catalan (native), English (proficiency), German (B1), Korean (Basic).

OUTREACH AND PUBLIC SCIENCE

2013 – 2015 Arthropod expert in BioBlitzBarcelona. Museum of Natural Science of Barcelona. Barcelona.