



UNIVERSIDAD DE GRANADA

Departamento de
Zoología

Biología y Conservación de Vertebrados Mediterráneos y Tropicales

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- Esther Sebastián González
- Mathijs van Overveld
- Michael J. Jowers
- Solange A. Batista Nunes
- Ana Grau Valenciano
- Antonio García Reyes

Líneas de investigación

- Biología de la Conservación de vertebrados continentales

<http://zoologia.ugr.es/>

- Interacciones interespecíficas (incluida ecología trófica)
 - Ecología de la carroña
 - Ecología y evolución de historias vitales de vertebrados
 - Sistemática y filogenia de vertebrados
 - Ecología del movimiento
 - Vertebrados invasores
 - Megafauna
 - Servicios ecosistémicos (“Contribuciones de la Naturaleza a los Humanos”)
 - Ecología y evolución humana
 - Seguimiento y conservación de fauna marina
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- Conservation Biology of continental vertebrates
- Interspecific interactions (including trophic ecology)
- Carrion ecology
- Ecology and evolution of vertebrate life history
- Systematics and phylogeny of vertebrates
- Movement ecology
- Invasive vertebrates
- Megafauna
- Ecosystem services (“Nature Contributions to Humans”)
- Human ecology and evolution
- Monitoring and conservation of marine fauna

Publicaciones recientes (últimos 5 años)

2025 & 2026

Arjona, J.M. et al. (2025) Influence of Mediterranean university campuses on Taxonomic, Phylogenetic, and Functional Diversity of urban spiders (Araneae). *Frontiers in Ecology and Evolution* 13, 1697527.

Arrondo, E. & Pérez-García, J.M. (2025) Call for a critical review of widespread use of animal tracking devices. *European Journal of Wildlife Research* 71, 1-6.

Arrondo, E. et al. (2025) Unravelling the decision making of foraging vultures: insights from a field experiment. *Royal Society open science* 12, 250085.

Bertos, E. et al. (2025) Physiological and morphological characterization of endangered European wildcats from the Iberian lineage: Reference values for conservation. *The Veterinary Journal* 309, 106272.

Colino-Barea, A. et al. (2026) Herbivore and mesocarnivore carcasses trigger divergent short-term changes in soil properties. *Journal of Animal Ecology*.

Cortés-Avizanda, A. et al. (2025) Livelihood in anthropic landscapes: Stable isotopes as indicators of dependence of obligate avian scavengers on intensive animal farming. *Ecological Indicators* 174, 113467.

Darras, K.F.A. et al. (2025) Worldwide Soundscapes: a synthesis of passive acoustic monitoring across realms. *Global Ecology and Biogeography* 34, e70021.

Ditzel, P.C. et al. (2026) Microgeographic variation in the songs of an endemic Hawaiian honeycreeper. *Avian Research*.

Funosas, D. et al. (2026) A global assessment of BirdNET performance: differences among continents, biomes, and species. *Ecological Indicators*.

Gaspar, M. et al. (2025) The demographic collapse of hunting in the Iberian Peninsula. *People and Nature* 7, 765-776.

Gil-Sánchez, J.M. & Moleón, M. (2026) The COVID-19 lockdown unmasked the overwhelming impact of human activity on the breeding success of an endangered raptor. *Biological Conservation* 313, 111603.

Gil-Sánchez, J.M. et al. (2026) Relationships between European wildcats and domestic cats in an area of sympatry: Exploring key conservation questions on hybridization and disease transmission. *Animal Conservation*.

Gil-Sánchez, J.M. et al. (2026) The recent extinction of the “strictly protected” southernmost European grey wolf population: Lessons and recommendations. *Biological Conservation* 313, 111568.

Gil-Sánchez, J.M. et al. (2025) Body size rules habitat selection and population declines after drought periods in a carnivore community of the Sahara Desert. *Mammalian Biology* 105, 69-81.

Gómez-Otero, S.M. et al. (2025) Vultures thrive on more than livestock: small wild vertebrate carcasses are key for nestling growth. *Biological Conservation* 314, 111643.

Hernández-Matías, A. et al. (2025) Temporal and spatial variation in trophic scenarios affects population demographic heterogeneity in Bonelli's Eagle (*Aquila fasciata*). *Ibis* 167, 179-195.

- Hirschinger, J. et al. (2025) Multidisciplinary tracking of highly pathogenic Avian Influenza A (H5N1) outbreak in griffon vultures, southern Europe, 2022. *Emerging Infectious Diseases* 31, 1589.
- Inagaki, A. et al. (2025) Species roles and key interactions in vertebrate scavenger communities. *Trends in Ecology & Evolution* 40, 1090-1100.
- Jowers, M.J. et al. (2025) Biogeography and hidden diversity in the coffee snake species complex *Ninia atrata* (Dipsadinae) from South America and the Lesser Antilles. *Systematics and Biodiversity* 23, 2572760.
- Jowers, M.J. et al. (2025) First preliminary molecular assessment of ants from Cabo Verde. *Genes* 16, 725.
- Jowers, M.J. et al. (2025) Novel tool use in *Tapinoma* sp. ants (Hymenoptera: Formicidae). *Annales de la Société Entomologique de France (NS)* 61, 89-95.
- Liétor, J. et al. (2025) Searching for the elusive imposter land snails. Description and geographical delimitation of two cryptic *Iberus* subspecies (Gastropoda, Stylommatophora, Helicidae) in southern Spain. *Ruthenica* 35, 1-19.
- Margalida, A. et al. (2025) The Bearded Vulture as an accumulator of historical remains: Insights for future ecological and biocultural studies. *Ecology* 106, e70191.
- Mateos, A. et al. (2025) Revisiting hominin scavenging through the lens of optimal foraging theory. *Journal of Human Evolution* 209, 103762.
- Morant, J. et al. (2025) Mapping bird and bat assemblage vulnerability for predicting wind energy impact. *Journal of Environmental Management* 380, 124961.
- Morant, J. et al. (2025). Low human disturbance levels alter movement patterns and induce behavioural changes in an apex predator. *Biological Conservation* 309, 111278.
- Mulero-Pérez, D. et al. (2025) A federated learning architecture for bird species classification in wetlands. *Journal of Sensor and Actuator Networks* 14, 71.
- Naves-Alegre, L. et al. (2025) Differential flight responses of sympatric raptor species to weather conditions and extreme temperature events. *Ecology and Evolution* 15, e70658.

Orihuela-Torres, A. et al. (2025) Vertebrate scavenger assemblages and their functioning differ between artificial and natural wetlands: Implications for ecosystem management. *Biological Conservation* 302, 110929.

Orihuela-Torres, A. et al. (2026) Understanding bird diversity in seasonally dry tropical forests: The role of landscape anthropization and chronic disturbance. *Forest Ecology and Management* 600, 123299.

Pérez-Granados, C. et al. (2026) Optimisation of passive acoustic bird surveys: a global assessment of BirdNET settings. *Ibis*.

Pérez-Granados, C. et al. (2026) WABAD: A World Annotated Bird Acoustic Dataset for Passive Acoustic Monitoring. *Ecology*.

Redondo-Gómez, D. et al. (2025) The extended role of carrion: Insect consumption and hair taking at fox carcasses. *Basic and Applied Ecology* 83, 12-22.

Remesar, S. et al. (2025) Genetic identification of gastrointestinal parasites in the world's most endangered ungulate, the hirola (*Beatragus hunteri*). *Veterinary Record* 196, e5223.

Rodríguez-Juan, J. et al. (2025) Visual wetland birds dataset: Bird species identification and behavior recognition in videos. *Scientific Data* 12, 1200.

Sarabia, C. et al. (2025) Trophic niche overlap decreases in related mesocarnivore species. *Oikos* 2025, e11324.

Sebastián-González, E. & Pérez-Granados, C. (2025) Geographic variation in acoustic signals in wildlife: A systematic review. *Journal of Biogeography* 52, e15116.

Sebastián-González, E. et al. (2026) Servibirds: Quantitative assessment of the ecosystem services provided by native birds in Spain. *Ardeola* 73, 43-66.

Sebastián-González, E. et al. (2025) Acoustic traits of three Hawaiian honeycreepers in a fragmented landscape. *Ecology and Evolution* 15, e71919.

Twomey, E. et al. (2025) A new species of bamboo-dwelling *Ranitomeya* (Anura: Dendrobatidae) from the Upper Purus River Basin of Brazil and Peru. *Zootaxa* 5701, 428-446.

Velamazán, M. et al. (2026) Effectiveness of herbivore exclusion fences for plant conservation depends on management strategy and landscape context. *Conservation Science and Practice* e70195.

Weber, J.C. et al. (2025) Trinidad and Tobago geogenomics: Exploring connections between geology and vicariance and dispersal biogeography—A review and synthesis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 662, 112682.

2024

De Tena, C. et al. (2024) Long-term anthropogenic drivers of diet composition and niche breadth in an endangered avian scavenger: The scant role of sanitary regulations. *Global Ecology and Conservation* 54, e03189.

Gagliardi-Urrutia, G. et al. (2024). A new species of the *Scinax cruentomma* group (Anura: Hylidae) from the Ucayali River basin of Loreto, Peru. *Zootaxa* 5406, 401–420.

Gangoso, L. et al. (2024) Blood lead levels in an endangered vulture decline following changes in hunting activity. *Environmental Research* 252, 118712.

Garrido-Bautista, J. et al. (2024) Fine-scale genetic structure and phenotypic divergence of a passerine bird population inhabiting a continuous Mediterranean woodland. *Royal Society open science* 11, 240601.

He, F. et al. (2024) Freshwater megafauna shape ecosystems and facilitate restoration. *Biological Reviews* 99, 1141–1163.

Jadin, R.C. et al. (2024) Rectifying a century of misidentifications: a taxonomic re-evaluation of sipo snakes (Colubridae: Chironius) on Trinidad. *Systematics and Biodiversity* 22, 2338064.

Jowers, M.J. et al. (2024) Testing molecular date estimates using an ecological and vicariant case study in treefrogs: The Geological-Ecological Molecular Calibration. *Journal of Biogeography* 51, 2136–2151.

Jowers, M.J. et al. (2024) Phylogenetic evidence suggests the non-validity of the Iberian land snail genus *Tartessiberus* and confirms its synonymy with *Iberus* (Helicidae). *ZooKeys* 1201, 219.

Köhler, J. et al. (2024) Similar looking sisters: A new sibling species in the *Pristimantis danae* group from the southwestern Amazon basin (Anura, Strabomantidae). *Zoosystematics and Evolution* 100, 565–582.

Liétor, J. et al. (2024) Speciation in the desert: A new endemic *Iberus* land snail restricted to the southeastern Iberian Peninsula. *Zoologischer Anzeiger* 313, 269–278.

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Moleón, M. et al. (2024) Wildlife following people: A multidisciplinary assessment of the ancient colonization of the Mediterranean Basin by a long-lived raptor. *People and Nature* 6, 1303-1319.

Morant, J. et al. (2024) Fine-scale collision risk mapping and validation with long-term mortality data reveal current and future wind energy development impact on sensitive species. *Environmental Impact Assessment Review* 104, 107339.

Muñoz-Arnanz, J. et al. (2024) Levels of persistent organic pollutants (POPs) and the role of anthropic subsidies in the diet of avian scavengers tracked by stable isotopes. *Environmental Pollution* 343, 123188.

Naves-Alegre, L. et al. (2024) Behavioral interactions are modulated by facilitation along a heterotrophic succession. *Ecology* 105, e4236.

Orihuela-Torres, A. et al. (2024) Carrion ecology in inland aquatic ecosystems: a systematic review. *Biological Reviews* 99, 1425-1443.

Pérez-García, J.M. et al. (2024) Blind shots: Non-natural mortality counteracts conservation efforts of a threatened waterbird. *Animal Conservation* 27, 293-307.

Pessano-Serrat, T. et al. (2024) Unknown scavenging habits of an elusive tropical Andean mammal. *Food Webs* 41, e00361.

Redondo-Gómez, D. et al. (2024) A long-term assessment of the multidisciplinary degree of multidisciplinary journals. *PLoS ONE* 19, e0314616.

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Schargel, W.E. et al. (2024) Morphology and molecular systematics support a new species of Pseudogonatodes (Squamata: Gekkota: Sphaerodactylidae) from Venezuela with a remarkable telescoped skull. *Zoological Journal of the Linnean Society* 202, zlae120.

Teterja, D. et al. (2024) A Video Mosaicing-based sensing method for chicken behavior recognition on edge computing devices. *Sensors* 24, 3409.

Tudela, A. et al. (2024) Who is who? An integrative taxonomic revision of *Iberus carthaginiensis* (Rossmässler, 1853) (Gastropoda: Helicidae) in southeastern Spain. *Invertebrate Zoology* 21, 319–335.

2023

Arrondo, E. et al. (2023) Vulture culture: dietary specialization of an obligate scavenger. *Proceedings of the Royal Society, B* 290, 20221951.

Arrondo, E. et al. (2023) From Pyrenees to Andes: The relationship between transhumant livestock and vultures. *Biological Conservation* 283, 110081.

Bertos, E. et al. (2023) *Thelazia callipaeda* as a potential new threat to European wildcats: insights from an eco-epidemiological study. *Veterinary Research Communications* 47, 2153–2160.

Donázar, J.A. et al. (2023) Hidden effects of high numbers of tourists in protected areas: displacement of foraging top scavengers. *Ibis* 165, 305–311.

Durá-Alemañ, C.J. et al. (2023) Climate change and energy crisis drive an unprecedented EU environmental law regression. *Conservation Letters* 16, e12958.

Gil-Sánchez, J.M. & Sánchez-Cerdá, M. (2023) Current overlapping distribution of megaherbivores and top predators: An approach to the last terrestrial areas with ecological integrity. *Biological Conservation* 277, 109848.

Gil-Sánchez, J.M. et al. (2023) Applications of non-intrusive methods to study the sand cat: a field study in the Sahara Desert. *European Journal of Wildlife Research* 69, 20.

Gómez-López, G. et al. (2023) Insularity determines nestling sex ratio variation in Egyptian vulture populations. *Ecology and Evolution* 13, e10371.

Green, A.J. et al. (2023) Dispersal of aquatic and terrestrial organisms by waterbirds: A review of current knowledge and future priorities. *Freshwater Biology* 68, 173–190.

Herrera-Sánchez, F.J. et al. (2023) Feeding ecology of the Cuvier's gazelle (*Gazella cuvieri*, Ogilby, 1841) in the Sahara Desert. *Animals* 13, 567.

Jowers, M.J. et al. (2023) Unveiling underestimated species diversity within the Central American Coralsnake, a medically important complex of venomous taxa. *Scientific Reports* 13, 11674.

- Jowers, M.J. et al. (2023) First molecular identification of a *Goussia* parasite from a New World invasive blenny. *Acta Parasitologica* 68, 458-462.
- Kizirian, D. et al. (2023) Feedback in Batesian mimetic systems. *Biological Journal of the Linnean Society* 139, 326-335.
- Köhler, J. et al. (2023) Misjudged for long: a new toad of the *Rhinella veraguensis* species group (Anura: Bufonidae) from the Yungas forests of Bolivia. *Salamandra* 59, 307-326.
- Moleón, M., Sánchez-Zapata, J.A. (2023). Extending the dynamic landscape of fear in a human- dominated world. *Trends in Ecology & Evolution* 38, 215-216.
- Morant, J. et al. (2022) Large-scale quantification and correlates of ungulate carrion production in the Anthropocene. *Ecosystems* 26, 383-396.
- Morant, J. et al. (2023) Large-scale movement patterns in a social vulture are influenced by seasonality, sex, and breeding region. *Ecology and Evolution* 13, e9817.
- Moura, M.R. et al. (2023) Unwrapping broken tails: Biological and environmental correlates of predation pressure in limbless reptiles. *Journal of Animal Ecology* 92, 324-337.
- Orihuela-Torres, A. et al. (2023) Outdoor recreation alters terrestrial vertebrate scavenger assemblage and carrion removal in a protected Mediterranean wetland. *Animal Conservation* 26, 633-641.
- Redondo-Gómez, D. et al. (2023) Top-predator carrion is scary: Fight-and-flight responses of wild boars to wolf carcasses. *Ecology and Evolution* 13, e9911.
- Sánchez-Vialas, A. et al. (2023) Taxonomic reassessment and nomenclatural status of *Niceforonia dolops* and *Hylodes philippi* (Amphibia: Anura: Strabomantidae). *Zootaxa* 5330, 117-125.
- Scacco, M. et al. (2023) The species-specificity of energy landscapes for soaring birds, and its consequences for transferring suitability models across species. *Landscape Ecology* 38, 239-252.
- Sebastián-González, E. et al. (2023) The underestimated role of carrion in vertebrates' diet studies. *Global Ecology and Biogeography* 32, 1302-1310.
- Sebastián-González, E. et al. (2023) Ten simple rules for a mom-friendly Academia. *PLoS Computational Biology* 19, e1011284.

Selva, N. et al. (2023) FAIR data would alleviate large carnivore conflict. *Science* 382, 893-894.

Silva, G.G. et al. (2023) A waterfowl seed-dispersal network from the Neotropical region is nested and modular. *Biotropica* 55, 480-488.

Škrábal, J. et al. (2023) Soaring over open waters: horizontal winds provide lift to soaring migrants in weak thermal conditions. *Movement Ecology* 11, 76.

2022

Aguilera-Alcalá, N. et al. (2022) The value of transhumance for biodiversity conservation: vulture foraging in relation to livestock movements. *Ambio* 51, 1330-1342.

Brito J.C. et al. (2022) Diversity, distribution and conservation of land mammals in Mauritania, North-West Africa. *Plos ONE* 17, e0269870.

Cabezas, M.P. et al. (2022) Clarifying the taxonomy of some cryptic blennies (Blenniidae) in their native and introduced range. *Scientific Reports* 12, 9514.

Carrete, M. et al. (2022) Worldwide distribution of antagonistic-mutualistic relationships between parrots and palms. *Frontiers in Ecology and Evolution* 10, 790883.

Carrete, M. et al. (2022) Emerging laws must not protect stray cats and their impacts. *Conservation Science and Practice* 1-3, e12706.

Clavero, M. et al. (2022) On the misuse of historical data to set conservation baselines: Wolves in Spain as an example. *Biological Conservation* 276, 109810.

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Gil-Sánchez, J.M. et al. (2022) Predation impact on threatened spur-thighed tortoises by golden eagles when main prey is scarce. *Scientific Reports* 12, 17843.

- Jowers, M.J. et al. (2022) The Terrific Skink bite force suggests insularity as a likely driver to exceptional resource use. *Scientific Reports* 12, 1-9.
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- Montes E. et al. (2022) Collapse of the endemic lizard *Podarcis pityusensis* on the island of Ibiza mediated by an invasive snake. *Current Zoology* 68, 295-303.
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- Naves-Alegre, L. et al. (2022) Scavenging in the realm of senses: smell and vision drive recruitment at carcasses in neotropical ecosystems. *Proceedings of the Royal Society B* 289, 20220843.
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- Oliva-Vidal, P. et al. (2022) Scavenging in changing environments: woody encroachment shapes rural scavenger assemblages in Europe. *Oikos* 2022, e09310.
- Orihuela-Torres, A. et al. (2022) Scavenger guild and consumption patterns of an invasive alien fish species in a Mediterranean wetland. *Ecology and Evolution* 12, e9133.
- Paracuellos, M. et al. (2022) Citizen science reveals broad-scale variation of calling activity of the Mediterranean tree frog (*Hyla meridionalis*) in its westernmost range. *Amphibia-Reptilia* 43, 251-261.
- Pérez-García, J.M. et al. (2022) Priority areas for conservation alone are not a good proxy for predicting the impact of renewable energy expansion. *Proceedings of the National Academy of Sciences, USA* 119, e2204505119.
- Quaggiotto, M.-M. et al. (2022) Past, present and future of the ecosystem services provided by cetacean carcasses. *Ecosystem Services* 54, 101406.
- Redondo-Gómez, D. et al. (2022) Towards accurate and simple morphometric sex differentiation in Bonelli's Eagle *Aquila fasciata* nestlings: interpopulation variations and influence of growth conditions. *Avian Biology Research* 15, 3-12.

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Rodríguez-Recio, M.R. et al. (2022) Estimating global determinants of leopards home range size in a changing world. *Animal Conservation* 25, 748-758.

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Budjaj, A. et al. (2021) Ethnozoology among the Berbers: pre-Islamic practices survive in the Rif (northwestern Africa). *Journal of Ethnobiology and Ethnomedicine* 17, 1-21.

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Donázar, J.A. et al. (2021) Too much is bad: increasing numbers of livestock and conspecifics reduce body mass in an avian scavenger. *Bulletin of the Ecological Society of America* 102, 1-3.

Forcina, G. et al. (2021) Demography reveals populational expansion of a recently extinct Iberian ungulate. *Zoosystematics and Evolution* 97, 211-221.

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García-Alfonso, M. et al. (2021) Disentangling drivers of power line use by vultures: potential to reduce electrocutions. *Science of the Total Environment* 793, 148534.

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González, M. et al (2021) Understanding potential implications for non-trophic parasite transmission based on vertebrate behavior at mesocarnivore carcass sites. *Veterinary Research Communications* 45, 261-275.

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Hart, P.J. et al. (2021) Timing is everything: Acoustic niche partitioning in two tropical wet forest bird communities. *Frontiers in Ecology and Evolution* 9, 753363.

Hernández-Brito, D. et al. (2021) Epizoochory in parrots as an overlooked yet widespread plant-animal mutualism. *Plants* 10, 760.

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Jowers, M.J. et al. (2021) Ecology, conservation status, and phylogenetic placement of endemic *Pristimantis* frogs (Anura: Craugastoridae) in Trinidad and Tobago and genetic affinities to northern Venezuela. *Population Ecology* 64, 136-149.

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Luna, Á. et al. (2021) Predation and scavenging in the city: A review of spatio-temporal trends in research. *Diversity* 13, 46.

Martínez-Freiría, F. et al. (2021) Integrative taxonomy reveals two species and intraspecific differentiation in the *Vipera latastei-monticola* complex. *Journal of Zoological Systematics and Evolutionary Research* 59, 2278-2306.

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Naves-Alegre, L. et al. (2021) Vertebrate scavenger guild composition and functioning in the Cerrado hotspot. *Biotropica* 53, 1582-1593.

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Sampaio M. et al. (2021) Beyond the comfort zone: Amphibian diversity and distribution in the West Sahara-Sahel using mtDNA and nuDNA barcoding and spatial modelling. Conservation Genetics 22, 233-248.

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Tesis Doctorales (últimos 10 años)

Título: **Linking carrion ecology and human evolution: interspecific facilitation, megaherbivores, and hominin foraging**

Autor: Enrica Olivieri

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y Lara Naves Alegre

Año: (en curso)

Título: **Understanding a challenging biome in a changing world: ecology and conservation of carnivores and wild ungulates in the Sahara Desert**

Autor: Antonio García Reyes

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y José María Gil Sánchez

<http://zoologia.ugr.es/>

Año: (en curso)

Título: **Socioecological dimensions of human-carnivore conflicts in Ruaha, Tanzania**

Autor: Ana Grau Valenciano

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y Eneko Arrondo Floristán

Año: (en curso)

Título: **Ecology and demography of the wildcat in a Mediterranean system**

Autor: Mariola Sánchez Cerdá

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y José María Gil Sánchez

Año: (en curso)

Título: **How facultative scavenging shapes the African large carnivore guild: a study of interspecific interactions in Maasai Mara, Kenya**

Autor: Solange A. Batista Nunes

Universidad: Universidad de Granada / Wageningen University & Research

Directores: Marcos Moleón Paiz, Frank van Langevelde y Femke Broekhuis

Año: (en curso)

Título: **Understanding the peril: The landscapes of fear and disgust associated with carrion**

Autor: Daniel Redondo Gómez

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y Esther Sebastián González

Año: (en curso)

Título: **Eco-epidemiología del gato montés europeo (*Felis silvestris silvestris*) en medios mediterráneos**

Autor: Elena Bertos Martín

Universidad: Universidad de Granada

Directores: Marcos Moleón Paiz y José María Gil Sánchez

Año: (en curso)

Título: **Papel de los carroñeros en los ciclos biogeoquímicos: efecto de la estructura de comunidades y transferencia de nutrientes entre ecosistemas**

Autor: Adrián Colino Barea

Universidad: Universidad Miguel Hernández

Directores: Esther Sebastián González y José Antonio Sánchez Zapata

Año: (en curso)

Título: **Scavenging in wetlands: unraveling dynamics and ecological patterns**

Autor: Tatiana Pessano Serrat

Universidad: Universidad Miguel Hernández

Directores: Esther Sebastián González y José Antonio Sánchez Zapata

Año: (en curso)

Título: **Efectos del cambio global sobre el grado de acoplamiento ecosistémico: una aproximación multi-escalar**

Autor: Marta Monfort Calatayud

Universidad: Universidad de Alicante

Directores: Esther Sebastián González y Santiago Soliveres Codina

Año: (en curso)

Título: **Aplicación de técnicas de monitoreo digital en la toma de datos para la conservación y gestión de espacios naturales protegidos: el caso de las Lagunas de La Mata-Torrevieja**

Autor: Sara Sánchez Sáez

Universidad: Universidad de Alicante

Directores: Esther Sebastián González y Germán M. López Iborra

Año: (en curso)

Título: **Evaluación de los patrones y procesos de regeneración natural en un agropaisaje en Coronado, Costa Rica**

Autor: María Auxiliadora Zúñiga Amador

Universidad: Universidad de Alicante

Directores: Esther Sebastián González y Andreu Bonet Jornet

Año: (en curso)

Título: **Efectos de tratamientos forestales sobre comunidades de carroñeros vertebrados**

Autor: Sergio Gilabert Cerdà

Universidad: Universidad de Alicante

Directores: Esther Sebastián González y Andreu Bonet Jornet

Año: (en curso)

Título: **Scavenging in wetlands; Filling a gap in carrion ecology**

Autor: Adrian Orihuela-Torres

Universidad: Universidad de Alicante

Directores: Esther Sebastián González y Juan Manuel Pérez-García

Año: 2024

Título: **Investigación de fauna amenazada en medios remotos: el caso de la gacela de Cuvier (*Gazella cuvieri* Ogilby 1841) en el desierto del Sahara**

Autor: F. Javier Herrera Sánchez

Universidad: Universidad de Granada

Directores: Teresa Abáigar Ancín y José María Gil Sánchez

Año: 2023

Título: **Spatial modelling of nature contributions to people and risks for the conservation of scavengers**

Autor: Natividad Aguilera Alcalá

Universidad: Universidad Miguel Hernández

Directores: José Antonio Sánchez Zapata y Marcos Moleón Paiz

Año: 2022

Título: **Rasgos funcionales, patrones de coocurrencia e interacciones intra- e interespecíficas en comunidades de carroñeros vertebrados terrestres**

<http://zoologia.ugr.es/>

Autor: Lara Naves Alegre

Universidad: Universidad Miguel Hernández

Directores: Esther Sebastián González y José Antonio Sánchez Zapata

Año: 2022

Título: **Natural history and impacts of an invasive snake: the horseshoe whip snake, *Hemorrhois hippocrepis* (Linnaeus 1758), on Ibiza**

Autor: Elba Montes

Universidad: Universidad de Valencia

Directores: Juan M. Pleguezuelos y Mónica Feriche

Año: 2021

Título: **The role of wild carnivore carcasses in the transmission of infectious agents: epidemiological and ecological aspects**

Autor: Moisés González Juan

Universidad: Universidad de Murcia

Directores: Carlos Martínez-Carrasco Pleite y Marcos Moleón Paiz

Año: 2020

Título: **Sistemática e evolução morfológica em Holoadeninae (Anura: Brachycephaloidea, Craugastoridae)**

Autor: Ana Paula Motta Viera

Universidad: Universidad Estadual Paulista (Brasil)

Directores: Celio Haddad y José M. Padial

Año: 2020

Título: **Ecosystem services and scavengers: ecological and socio-cultural assessment**

Autor: Zebensui Morales-Reyes

Universidad: Universidad Miguel Hernández

Directores: José Antonio Sánchez Zapata y Marcos Moleón Paiz

Año: 2018

Título: **Ecología trófica de tres especies de serpientes de cascabel en México: *Crotalus aquilus*, *Crotalus polystictus* y *Crotalus willardi***

Autor: Estrella Mociño Deloya

Universidad: Universidad de Granada

Directores: Juan M. Pleguezuelos y Xavier Santos

Año: 2016

Título: **Un análisis crítico de la conservación del lince ibérico en España 1973-2015**

Autor: Diego de los Santos Parejo

Universidad: Universidad de Sevilla

Directores: Jose María Gil Sánchez y Javier Castroviejo

Año: 2016

Proyectos de Investigación (últimos 10 años)

Título: Nuevas tecnologías para evaluar el impacto de la gestión tradicional del carrizal sobre la vegetación y la dinámica de artrópodos y aves en un humedal Mediterráneo

Entidad financiadora: Generalitat Valenciana

Referencia: CIAICO/2024/168

Duración: 2025-2028

Investigador principal: Germán M. López Iborra y Esther Sebastián González

Título: HISTORICAZ: reconstrucción histórica de los paisajes y ecosistemas de las sierras de Cazorla, Segura y Las Villas

Entidad financiadora: Asociación Española de Ecología Terrestre (AEET)

Duración: 2026-2027

Investigador principal: Eneko Arrondo Floristán

Título: Impacto de la agregación espacio-temporal de un recurso efímero en la transferencia de nutrientes entre ecosistemas: el caso de estudio de la carroña en humedales (TRANSCARRION)

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: CNS2023-41506P0055

Duración: 2024-2026

Investigador principal: Esther Sebastián González

Título: Comprendiendo el peligro: paisajes del miedo y la repulsión asociados a la carroña

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: PID2021-128952NB-I00

Duración: 2022-2025

Investigador principal: Marcos Moleón Paiz

Título: **Recovery of Granada-Vega poplar groves to boost biodiversity and long-term carbon capture through structural bioproducts (LIFE Wood for Future)** Entidad financiadora: LIFE Climate Change Mitigation and Adaptation, UE

Referencia: LIFE20 CCM/ES/001656

Duración: 2021-2025

Investigador principal: Antolino Gallego Molina

Título: **MEGACON - Freshwater Megafauna Futures: Diversity, Functions, Threats, and Implications for Biodiversity Conservation**

Entidad financiadora: Leibniz Association (Alemania)

Duración: 2020-2025

Investigador principal: Sonja Jähnig

Título: **The fear factor: ecological and evolutionary consequences of island tameness in a rapidly changing planet**

Entidad financiadora: Ministerio de Ciencia e Innovación

Ref. PID2021-128046NA-I00

Duración: 2022-2024

Investigador principal: Oriol Lapiedra

Título: **Artificial Intelligence techniques to operationalize ecological indicators for the development of sustainable tourism in smart protected natural areas**

<http://zoologia.ugr.es/>

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: TED2021-130890B-C21

Duración: 2022-2024

Investigador principal: Esther Sebastián González y José N. Mazón

Título: La conexión entre Europa y África como factor determinante de la evolución reciente de la herpetofauna iberico-magrebí (herpconnect)

Entidad financiadora: PAIDI 2020

Referencia: Inv-11-2021-I-002

Duración: 2021-2024

Investigador principal: Juan F. Beltrán

Título: Respuestas potenciales de los anfibios a factores de extinción del cambio global: comparaciones espacio-temporales

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: PGC2018-097421-B-I00

Duración: 2019-2022

Investigador principal: Ignacio De la Riva

Título: La influencia de los rasgos funcionales de las plantas en las interacciones multitróficas: un experimento enfoque de restauración comunitaria en el bosque húmedo de las tierras bajas de Hawái

Entidad financiadora: National Science Foundation (EE.UU.)

Duración: 2018-2022

Investigadores principales: Rebecca Ostertag, Paul Banko y Susan Cordell

<http://zoologia.ugr.es/>

Título: **Cambio global, sistemas socioecológicos y ecología del movimiento: aproximación a gran escala al papel de los sistemas agropecuarios, el clima y los carroñeros**

Entidad financiadora: Ministerio de Ciencia y Universidades

Duración: 2019-2021

Investigador principal: José Antonio Sánchez Zapata

Título: **The Hajar Mountains of southeastern Arabia: a laboratory for understanding how mountain biodiversity is generated and maintained, and how to conserve it**

Entidad financiadora: Ministerio de Educación y Ciencia

Referencia: CGL2018

Duración: 2019-2021

Investigador principal: Salvador Carranza

Título: **Funciones tróficas y no tróficas de los cadáveres de carnívoros en los ecosistemas: integrando ecología y epidemiología**

Entidad financiadora: Ministerio de Economía, Industria y Competitividad

Referencia: CGL2017-89905-R

Duración: 2018-2021

Investigador principal: Marcos Moleón Paiz

Título: **CSBR: Natural History: Preservation of Carnegie Museum of Natural History's Herpetology Collection**

Entidad financiadora: National Science Foundation USA (NSF)

Referencia: #1557428

Duración: 2016-2021

Investigador principal: José M. Padial

Título: **Estructura y función en comunidades de vertebrados carroñeros: patrones macroecológicos, defaunación y cambio climático**

Entidad financiadora: Generalitat Valenciana

Referencia: SEJI/2018/024

Duración: 2019-2020

Investigador principal: Esther Sebastián González

Título: **Adaptación y flujo genético en anfibios neotropicales**

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: CGL2016-75227-P

Duración: 2016-2020

Investigador principal: Carles Vila

Título: **Riesgo de extinción en especies andinas de ectotermos: una evaluación interdisciplinar basada en anfibios endémicos**

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: CGL2014-56160-P

Duración: 2015-2019

Investigador principal: Ignacio De la Riva

Título: **CREST: Comprender la respuesta biótica al cambio ambiental en los ecosistemas tropicales a través de un contexto basado en el lugar**

<http://zoologia.ugr.es/>

Entidad financiadora: National Science Foundation (EE. UU.)

Referencia: 1345247

Duración: 2014-2019

Investigadores principales: Donald Price y Patrick Hart

Título: **Sostenibilidad de los servicios ecosistémicos proporcionados por grandes vertebrados carroñeros en sistemas agropecuarios: integrando ecología de movimientos, modelado de poblaciones y percepción social**

Entidad financiadora: Ministerio de Ciencia e Innovación

Referencia: CGL2015-66966-C2-1-R

Duración: 2016-2018

Investigador principal: José Antonio Sánchez Zapata

Título: **CSBR: Natural History: Preservation of Carnegie Museum of Natural History's Herpetology Collection**

Entidad financiadora: National Science Foundation (EE.UU.)

Duración: 2016-2018

Investigador principal: Jose M. Padial

Título: **Arabian reptiles as a model to investigate how biodiversity is generated and maintained in arid areas**

Entidad financiadora: Ministerio de Educación y Ciencia

Referencia: CGL2015-70390-P

Duración: 2016-2018

Investigador principal: Salvador Carranza

Título: **Conservando poblaciones amenazadas y procesos ecológicos a través de la gestión de especies cinegéticas: ungulados silvestres y grandes carroñeros en Andalucía**

Entidad financiadora: Consejería de Economía y Conocimiento, Junta de Andalucía

Referencia: P12-RNM-1925

Duración: 2015-2018

Investigador principal: José A. Donázar Sancho

Título: **Interacciones ecológicas entre primates y grandes rapaces. El caso del macaco de Berbería y el águila real**

Entidad financiadora: Instituto de Estudios Ceutíes

Duración: 2016-2017

Investigador principal: Jesús Bautista Rodríguez

Título: **Understanding human-carnivore relationships: from social conflicts to ecosystem services**

Entidad financiadora: Leuphana University

Referencia: ULG/73100028

Duración: 2016-2017

Investigador principal: Berta Martín-López

Título: **Heterogeneidad demográfica intrapoblacional en el águila perdicera: determinantes ambientales y antrópicos e implicaciones para la conservación**

Entidad financiadora: Ministerio de Economía y Competitividad

Referencia: CGL2013-41565-P

Duración: 2014-2017

Investigador principal: Joan Real Ortí

Título: **Procesos micro y macro evolutivos en la diversificación de anfibios**

Entidad financiadora: Ministerio de Economía y Competitividad

Referencia: CGL2013-47547-P

Duración: 2014-2017

Investigador principal: Carles Vila

Título: **Moroccan Carnivores Project**

Entidad financiadora: Universidad de Alicante

Duración: 2016

Investigador principal: Vicente Uríos Moliner

Título: **Conflictos entre gente y grandes carnívoros: evaluación de posibles soluciones en la Amazonía del Ecuador**

Entidad financiadora: Programa Prometeo SENESCYT y Museo de Zoología Pontificia Universidad Católica del Ecuador

Duración: 2015-2016

Investigador principal: Santiago Espinosa

Título: **Deserts full of life: Intermittent rivers as hotspots for terrestrial megafauna functions**

Entidad financiadora: Leibniz-Institute of Freshwater Ecology and Inland Fisheries (Alemania)

Duración: 2015-2016

<http://zoologia.ugr.es/>

Investigador principal: Marcos Moleón Paiz

Título: **Evaluación del impacto de los aljibes sobre los anfibios y reptiles en la fachada atlántica de Marruecos**

Entidad financiadora: Instituto de Estudios Ceutíes

Referencia: IEC 2014/1

Duración: 2015-2016

Investigador principal: Juan M. Pleguezuelos