



Andreu Rotger Vallespir

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

SCIENTIFIC INTERESTS:

I work at the interface of quantitative ecology focused on the study of the animal wildlife from a multidisciplinary approach between demography, population ecology, genetics and conservation biology. My main aims are to (i) understand how biotic and abiotic processes driving population dynamics; (ii) integrate ecological and evolutionary theory to analyze the individual and population responses to environmental and anthropogenic perturbations, and (iii) to produce and publish high quality scientific evidence. Which then, I disseminate to managers, policy makers and general audience for preserving biodiversity. I work in different ecosystems and with different study models, such as lizards, seabirds, marine turtles, frogs, snakes and mosquitoes. Specially, I have studied animal population dynamics (abundance, growth) and vital rates (survival, fecundity) using statistical modelling of individual-based data. These research experiences have provided me with a strong background as population ecologist and quantitative modeller (e.g., capture-recapture models, Integrated population models, etc...), as well as extensive hands-on experience in collecting data from the field and animal management.

HIGH QUALITY EDUCATION:

In 2009, I graduated in Biology (University of Balearic Islands). During my studies, I obtained a DemoLab program grant (University of Balearic Islands, 2007-2008) to develop laboratory practice sessions for high school students, and I carried out professional training as an animal caretaker recovery Centre for autonomous wild animals (Natura Park Foundation, 2008). In 2011, I achieved my MSc Degree in Conservation Biology (Complutense University of Madrid). In 2011, I gained a competitive JAE-PREDOC grant to study my PhD at IMEDEA CSIC-UIB. I finished my thesis in 2016 about the evolutionary demography of the Balearic Wall lizard. In 2017, I took a gap year and joined the Syntax for Science S.L. enterprise leader in data management for the medicine science in Spain. I returned to academy in 2018, working with different public institutions from Mallorca, Ibiza and Valencia. In September 2019, I started my first international research position as a postdoctoral researcher at the Science Museum of Trento (Italy) on the research project: Computerized individual identification for the study of the demography of animal populations. Currently, I am working in a competitive project about the persistence of small insular populations of lizards (PERSIL: PRD2018/25).

RELEVANT ACTIVITIES AND OUTPUT:

I have published 14 SCI articles of which I am first author of 5. I have also published 14 technical reports. I have participated in 7 research projects funded by public and private entities. I have presented 7 oral contributions at national and international scientific meetings, presented 5 posters and attended 6 workshops (contributing as teacher in 4). I have stayed a total of 16 months at foreign research centers. I have reviewed 7 SCI papers for 5 journals. I have wide experience in the field, coordinating field campaigns with several workers. In 2019, I



coordinated the project: Research applied for the conservation of the storm petrel in the marine environment of the Valencian Community. I am currently working on 3 manuscripts (2 as a first author).



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

SCI Publications and Impact Factor (September 2021)

Total number of SCI articles: 14

Published SCI articles in Q1: 10 (78%).

Published SCI articles as first or last author: 5 (38%).

Google scholar: <https://scholar.google.es/citations?user=fy7UVRsAAAAJ&hl=ca>

Total Citations: 113

Index h: 6

Index i10: 3

ResearchGate: https://www.researchgate.net/profile/Andreu_Rotger

19 publications

6656 reads

108 citations

RG score: 17.2

ORCID: <https://orcid.org/0000-0002-9093-9497>

ResearchID: <https://publons.com/researcher/1811642/andreu-rotger/>

GRANTS & AWARDS

- 1st Award for the best poster in IX International Conference of the European Mosquito Control Association (La Rochelle, France). 2019.
- 2nd Award for the best poster in VI Congress of the Spanish Society of Evolutive Biology (Mallorca, Spain). 2018.
- Santander Award Fund, studentship to visit UPC, Chile (2014-2015)
- JAE-PREDOC Fund, complete PhD studentship (2011-2015).



Andreu Rotger Vallespir

Surname(s): **Rotger Vallespir**
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ScopusID: **56033534500**
ResearcherID: **Y-3112-2018**
Contact aut. region/reg.: **Balearic Islands**
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Current professional situation

Employing entity: Instituto Mediterráneo d Estudios Avanzados
Type of entity: State agency
Professional category: Research Technician
Start date: 16/02/2021
Type of contract: Temporary
Dedication regime: Full time

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de las Islas Baleares	Research Technician	25/01/2021
2	Instituto Mediterráneo d Estudios Avanzados	Research Technician	01/12/2020
3	Universidad de las Islas Baleares	Research Technician	12/10/2020
4	FUNDACION UNIVERSIDAD-EMPRESA. ISLAS BALEARES	Research Technician	01/10/2020
5	Museo delle Scienze (MUSE)	Postdoctoral Researcher	16/09/2019
6	Generalitat Valenciana	Postdoctoral Researcher	01/06/2019
7	Universidad de las Islas Baleares	Collaborator	01/10/2018
8	Syntax for Science S.L.	Data Manager	09/01/2017
9	Instituto Mediterráneo d Estudios Avanzados	Predocctoral JAE researcher	01/10/2011
10	Universidad de las Islas Baleares	Collaborator	15/10/2007
11	GOBIERNO DE LAS ISLAS BALEARES	Scientific Advisor	01/10/2018
12	Natura Park Foundation	Instructor of Environmental Education	10/10/2006

1 **Employing entity:** Universidad de las Islas Baleares
Type of entity: University
Professional category: Research Technician
Start-End date: 25/01/2021 - 07/02/2021
Duration: 10 days



- 2** **Employing entity:** Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Professional category: Research Technician
Start-End date: 01/12/2020 - 31/12/2020 **Duration:** 1 month
- 3** **Employing entity:** Universidad de las Islas Baleares **Type of entity:** University
Professional category: Research Technician
Start-End date: 12/10/2020 - 11/11/2020
- 4** **Employing entity:** FUNDACION UNIVERSIDAD-EMPRESA. ISLAS BALEARES
Professional category: Research Technician
Start-End date: 01/10/2020 - 11/10/2020
- 5** **Employing entity:** Museo delle Scienze (MUSE) **Type of entity:** Public Research Body
Professional category: Postdoctoral Researcher
Start-End date: 16/09/2019 - 17/09/2020 **Duration:** 1 year
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 6** **Employing entity:** Generalitat Valenciana **Type of entity:** Medi Ambient
Professional category: Postdoctoral Researcher **Educational Management (Yes/No):** No
Start-End date: 01/06/2019 - 30/07/2019 **Duration:** 2 months
Type of contract: Temporary employment contract
- 7** **Employing entity:** Universidad de las Islas Baleares **Type of entity:** University
Professional category: Collaborator
Start-End date: 01/10/2018 - 28/01/2019
Type of contract: Freelance
- 8** **Employing entity:** Syntax for Science S.L. **Type of entity:** Business
Professional category: Data Manager **Educational Management (Yes/No):** No
Start-End date: 09/01/2017 - 27/09/2018 **Duration:** 1 year - 8 months
Type of contract: Permanent employment contract
- 9** **Employing entity:** Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Professional category: Predoctoral JAE researcher
Start-End date: 01/10/2011 - 30/09/2015 **Duration:** 4 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 10** **Employing entity:** Universidad de las Islas Baleares **Type of entity:** University
Professional category: Collaborator
Start-End date: 15/10/2007 - 20/05/2008
- 11** **Employing entity:** GOBIERNO DE LAS ISLAS BALEARES
Professional category: Scientific Advisor
Start date: 01/10/2018 **Duration:** 3 months
Type of contract: Freelance
Field of management activity: Spanish Autonomous Region



12 **Employing entity:** Natura Park Foundation **Type of entity:** Foundation
Professional category: Instructor of Environmental Education
Start date: 10/10/2006 **Duration:** 4 years



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 **University degree:** Higher degree

Name of qualification: Master degree in Conservation Biology

City degree awarding entity: Madrid, Community of Madrid, Spain

Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid

Date of qualification: 20/09/2011

Average mark: Good

Date of homologation: 18/10/2011

2 **University degree:** Higher degree

Name of qualification: Graduated in Biology

City degree awarding entity: Palma de Mallorca, Balearic Islands, Spain

Degree awarding entity: Universidad de las Islas **Type of entity:** University Baleares

Date of qualification: 17/07/2009

Average mark: Good

Standardised degree: Yes

Date of homologation: 17/07/2009

Doctorates

Doctorate programme: PhD in Biodiversity

Degree awarding entity: Universitat de Barcelona **Type of entity:** University

Date of degree: 30/11/2016

European doctorate: Yes

Thesis title: Evolutionary Demography of the Balearic wall lizard

Thesis director: Giacomo Tavecchia

Obtained qualification: Cum Laude

Recognition of quality: Yes

Standardised degree: Yes

Other postgraduate university studies

Postgraduate qualification: Expertise in Conservation and Management of Natural Areas

Degree awarding entity: Universidad de León **Type of entity:** University

Date of qualification: 03/02/2010

**Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)**

- 1 Training title:** Spatially Explicit Capture Recapture Models (SECR)
Awarding entity: Centre d'Ecologie Fonctionnelle & Evolutive (CEFE) **Type of entity:** R&D Centre
End date: 14/07/2014 **Duration in hours:** 60 hours
- 2 Training title:** Course on Capture-Recapture Analyses
Awarding entity: Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
End date: 25/11/2011 **Duration in hours:** 25 hours
- 3 Training title:** Advanced knowledge-management techniques in wild Fauna
Awarding entity: Universidad Complutense de Madrid **Type of entity:** University
End date: 29/04/2011 **Duration in hours:** 30 hours

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian	B1	B1	B1	B1	B1
English	C1	C1	B2	B2	C1
Catalan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience**Teaching experience in courses and seminars for university teacher training**

- 1 Type of event:** Workshop
Name of the event: Capture-Recapture and Recovery analysis
Organising entity: Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Hours of teaching: 27
Teaching date: 01/12/2018
- 2 Type of event:** Workshop
Name of the event: DISTANCE y paquetes estadísticos de tratamiento de datos para censos y demografía de fauna cinegética
Organising entity: CONSEJO INSULAR DE MALLORCA
Hours of teaching: 12
Teaching date: 10/10/2016



- 3** **Type of event:** Workshop
Name of the event: Capture-Recapture and Capture-Recovery analysis for the study of animal population
Organising entity: Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Hours of teaching: 27
Teaching date: 27/11/2015
- 4** **Type of event:** Workshop
Name of the event: Introducción al análisis de datos de captura-recaptura y recuperación aplicada a la conservación de poblaciones aniamles
Organising entity: Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Hours of teaching: 27
Teaching date: 29/11/2014
- 5** **Type of event:** Workshop
Name of the event: Introducción al análisis de datos de captura-recaptura y recuperación aplicado a la conservación de poblaciones animales
Organising entity: Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency
Hours of teaching: 27
Teaching date: 30/11/2013

Participation in conferences with talks focused on teacher training

Name of the event: Conservation of Wildlife
Type of event: Workshop
Type of participation: Participatory - oral communication
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of presentation: 30/03/2019
Organising entity: Brutal SL **Type of entity:** Associations and Groups
El valor del individuo para la conservación de poblaciones animales. Historias sobre lagartijas vacilonas y serpientes viajeras.



Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** El paradigma de la persistencia de poblaciones pequeñas: demografía y genética de la lagartija balear
Entity where project took place: Instituto Mediterráneo d Estudios Avanzados
Type of entity: State agency
Name principal investigator (PI, Co-PI....): Giacomo Tavecchia
Nº of researchers: 1
Start-End date: 2020 - 2023
Total amount: 69.000 €
- 2** **Name of the project:** Impacts of multiple stressors on the populations' trends of terrestrial, freshwater and marine species in the Iberian Peninsula
Entity where project took place: Asociacion Española de Ecología Terrestre
Type of entity: Foundation
Name principal investigator (PI, Co-PI....): Pol Capdevila; Roberto Rodriguez-Caro
Nº of researchers: 2
Start-End date: 2021 - 2022
Total amount: 4.000 €
- 3** **Name of the project:** RESET: Resiliencia de las poblaciones de aves marinas a perturbaciones naturales y antropogénicas: una aproximación inter-disciplinar
Entity where project took place: Institut Mediterrani d'Estudis Avançats
Type of entity: Public Research Body
City of entity: Esporles, Balearic Islands, Spain
Name principal investigator (PI, Co-PI....): Giacomo Tavecchia; Daniel Oro
Nº of researchers: 2
Start-End date: 2018 - 2021
Total amount: 137.000 €
- 4** **Name of the project:** Becas Iberoamérica Jóvenes Profesores Investigadores España 2014
Entity where project took place: Pontificia Universidad Católica de Chile
Type of entity: University
City of entity: Santiago de Chile, Chile
Name principal investigator (PI, Co-PI....): Andreu Rotger
Nº of researchers: 2
Funding entity or bodies: BANCO SANTANDER, S.A.
Start-End date: 2014 - 2015
Total amount: 5.000 €

**R&D non-competitive contracts, agreements or projects with public or private entities**

- 1** **Name of the project:** Investigación aplicada para la conservación del Paño Europeo: determinación de las áreas de alimentación de paños reproductores de la colonia de s'Espartar.
Degree of contribution: Technician
Name principal investigator (PI, Co-PI....): Ana Sanz-Aguilar
Nº of researchers: 1
Funding entity or bodies:
Govern de les Illes Balears **Type of entity:** Environment
Start date: 12/10/2020 **Duration:** 1 month - 15 days
Total amount: 6.037 €
- 2** **Name of the project:** Análisis de la presencia de ofidios introducidos invasores (RD 630/2013) en las Áreas de alta Densidad de Ibiza mediante estudio de captura-recaptura y propuesta técnica de control en base a los Resultados obtenidos
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Luis Parpal
Nº of researchers: 1
Participating entity/entities: Consell Insular d'Eivissa
Funding entity or bodies:
Govern de les Illes Balears **Type of entity:** COFIB
City funding entity: Palma de Mallorca, Balearic Islands, Spain
Start date: 04/09/2019 **Duration:** 3 months
Total amount: 2.150 €
- 3** **Name of the project:** Investigación aplicada para la conservación del Paño europeo en el entorno marino e islas de la Comunitat Valenciana.
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Researcher
City of entity: Benidorm, Valencian Community, Spain
Name principal investigator (PI, Co-PI....): Ana Sanz Aguilar
Nº of researchers: 1
Participating entity/entities: Generalitat Valenciana ; Instituto Mediterráneo d Estudios Avanzados; Universidad de las Islas Baleares
Funding entity or bodies:
Generalitat Valenciana **Type of entity:** DIRECCIÓN GENERAL DEL MEDIO NATURAL Y EVALUACIÓN AMBIENTAL
City funding entity: Valencia, Valencian Community, Spain
Type of project: Coordination
Start date: 15/05/2019 **Duration:** 6 months
Total amount: 11.728 €
- 4** **Name of the project:** Monitoring of Wildlife Populations
Degree of contribution: Technician
Name principal investigator (PI, Co-PI....): Giacomo Tavecchia
Nº of researchers: 1
Participating entity/entities: Instituto Mediterráneo d Estudios Avanzados
Funding entity or bodies:



Universidad de las Islas Baleares

Type of entity: University

City funding entity: Palma de Mallorca, Balearic Islands, Spain

Start date: 01/01/2019

Duration: 3 months

Total amount: 2.500 €

5 Name of the project: Monitoring of Wildlife Populations

Degree of contribution: Technician

Name principal investigator (PI, Co-PI...): Giacomo Tavecchia

N° of researchers: 1

Participating entity/entities: Institut Mediterrani d'Estudis Avançats

Funding entity or bodies:

Universidad de las Islas Baleares

Type of entity: University

City funding entity: Palma de Mallorca, Balearic Islands, Spain

Start date: 01/10/2018

Duration: 1 month

Total amount: 1.500 €

6 Name of the project: Las islas como modelos ecológicos y socioeconómicos: estudio de las consecuencias de la llegada del buitre leonado en el gremio de aves carroñeras y predicción de posibles conflictos en las Islas Baleares.

Degree of contribution: Technician

Name principal investigator (PI, Co-PI...): Ainara Cortés Avizanda

N° of researchers: 1

Funding entity or bodies:

Govern de les Illes Balears

Type of entity: Conselleria Educació, Cultura i Universitats

City funding entity: Palma de Mallorca, Balearic Islands, Spain

Start date: 01/10/2017

Total amount: 9.518 €

7 Name of the project: Control de serpientes invasoras en Ibiza y Formentera

Degree of contribution: Scientific Advisor

Name principal investigator (PI, Co-PI...): Luis Parpal

N° of researchers: 12

Funding entity or bodies:

Govern de les Illes Balears

Type of entity: COFIB

Start date: 01/09/2017

Duration: 3 months

Total amount: 2.500 €



Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Andreu Rotger; José Manuel Igual; Meritxell Genovart; Virginia Rodriguez; Cori Ramon; Valentin Perez-Mellado; Gabriel Bibiloni; Juan Rita; Giacomo Tavecchia. Contrasting Adult Body-Size in Sister Populations of the Balearic Lizard, *Podarcis lilfordi* (Günther 1874) Suggests Anthropogenic Selective Pressures. *Herpetological Monographs*. 35 - 1, pp. 53 - 64. BioOne, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Andreu Rotger; Alfonso Sola; Giacomo Tavecchia; Ana Sanz Aguilar. Foraging far from home: GPS-Tracking of Mediterranean Storm Petrels reveals large scale foraging movements. *Ardeola*. 68 - 1, pp. 3 - 16. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 3** Mikel Bengoa; Andreu Rotger Vallespir; Raul Luzon; Carlos Barceló. Larvae ecology and adult activity of *Aedes mariae* (Diptera: Culicidae) in a touristic rook-pool area of the Balearic Islands (Western Mediterranean). *Bulletin of Entomological Research*. Accepted, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 4** Sebastian Hoefler; Andreu Rotger; Sophie Mills; Nathan Robinson. Semi-automated photo-identification of Bahamian Racers (*Cubophis vudii vudii*). *Acta Herpetologica*. Accepted, 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 5** Giacomo Tavecchia; Olivier Gimenez; Remi Choquet; Andreu Rotger; Daniel Oro; Simone Tenan; Ana Sanz-Aguilar. The trap of hidden processes: Why 'quick & dirty' methods to estimate mortality are not always good. A comment to De Pascalis et al.(2020). *Biological Conservation*. pp. 109057. 2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 6** Andreu Rotger; José Manuel Igual; Giacomo Tavecchia. Contrasting size-dependent life history strategies of an insular lizard. *Current Zoology*. 66 - 6, pp. 625 - 633. 2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 7** Silvia Santamaria; Camilla Aviaaja Enoksen; Jens M Olesen; Giacomo Tavecchia; Andreu Rotger; José Manuel Igual; Anna Traveset. Diet composition of the lizard *Podarcis lilfordi* (Lacertidae) on 2 small islands: an individual-resource network approach. *Current Zoology*. 66 - 1, pp. 39 - 49. Oxford University Press, 2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No



- 8** Ana Sanz-Aguilar; Ana Payo-Payo; Andreu Rotger; Lena Yousfi; Sara Moutailler; Cecile Beck; Marine Dumarest; Jose Manuel Igual; Miguel Angel Miranda; Mariana Vinas; others. Infestation of small seabirds by *Ornithodoros maritimus* ticks: Effects on chick body condition, reproduction and associated infectious agents. Ticks and tick-borne diseases. 11 - 1, pp. 101281 - 101281. Elsevier, 2020.
Type of production: Scientific paper **Format:** Journal
- 9** Andreu Rotger; Victor Colomar; Jorge Enrique Moreno; Luis Parpal. Photo-identification of horseshoe whip snakes (*Hemorrhoids hippocrepis*, Linnaeus, 1758) by a semi-automatic procedure applied to wildlife management. *Herpetological Journal*. 29 - 4, 2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 10** Christopher R Gatto; Andreu Rotger; Nathan J Robinson; Pilar Santidrian. A novel method for photo-identification of sea turtles using scale patterns on the front flippers. *Journal of Experimental Marine Biology and Ecology*. 506, pp. 18 - 24. Elsevier, 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 11** Andreu Rotger; Jose Manuel Igual; Jeffrey J Smith; Giacomo Tavecchia. Relative role of population density and climatic factors in shaping the body growth rate of Lilford's Wall Lizard (*Podarcis lilfordi*). *Canadian Journal of Zoology*. 94 - 3, pp. 207 - 215. NRC Research Press, 2016.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 12** Oscar Moya; Pep-Luis Mansilla; Sergio Madrazo; Jose-Manuel Igual; Andreu Rotger; Antonio Romano; Giacomo Tavecchia. APHIS: a new software for photo-matching in ecological studies. *Ecological informatics*. 27, pp. 64 - 70. Elsevier, 2015.
Type of production: Scientific paper **Format:** Journal
- 13** Jon Ruiz de Infante Anton; Andreu Rotger; Jose Manuel Igual; Giacomo Tavecchia. Estimating lizard population density: an empirical comparison between line-transect and capture-recapture methods. *Wildlife research*. 40 - 7, pp. 552 - 560. CSIRO, 2014.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 14** Simone Tenan; Andreu Rotger; Jose Manuel Igual; Oscar Moya; J Andrew Royle; Giacomo Tavecchia. Population abundance, size structure and sex-ratio in an insular lizard. *Ecological modelling*. 267, pp. 39 - 47. Elsevier, 2013.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 15** Andreu Rotger; Jose Manuel Igual; Giacomo Tavecchia. Tres poblaciones aisladas de lagartija balear. *Quercus*. 427, pp. 18 - 23. 01/09/2021. ISSN 1889-4275
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 16** Andreu Rotger; Giacomo Tavecchia; Ana Sanz-Aguilar. Petits Viatgers de Grans Distàncies. *Es Busqueret*. 51, pp. 12 - 17. GOB Mallorca, 01/08/2021. ISSN 1889-4275
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 17** Andreu Rotger; Jose Manuel Igual; Alfonso Sola; Giacomo Tavecchia; Merce Vedaguer; David Martínez; Ana Sanz-Aguilar. Annual monitoring report of storm-petrel (*Hydrobates pelagicus*) of la cova del Viroto (Na Pobra, National Park of Cabrera). 2020.



Type of production: Scientific-technical report
Corresponding author: Yes

Format: Scientific and technical document or report

- 18** Andreu Rotger; Giacomo Tavecchia; Ana Sanz-Aguilar. Annual monitoring report of storm-petrel (*Hydrobates pelagicus*) of s'Espartar breeding colony (Ibiza).2020.

Type of production: Scientific-technical report
Corresponding author: Yes

Format: Scientific and technical document or report

- 19** Giacomo Tavecchia; Andreu Rotger; Olivier Meyrueix; José Manuel Igual. Annual monitoring report of the balearic wall lizard (*Podarcis lilfordi*) in Mallorca.2020.

Type of production: Scientific-technical report
Corresponding author: No

Format: Scientific and technical document or report

- 20** Andreu Rotger; Sonia Endrizzi; Matteo Trenti; Paolo Pedrini; Simone Tenan. Monitoraggio e studio di popolazioni di ululone dal ventre giallo (*Bombina variegata*). Anni 2017-2020. 2020.

Type of production: Scientific-technical report
Corresponding author: Yes

Format: Scientific and technical document or report

- 21** Giacomo Tavecchia; Andreu Rotger; José Manuel Igual. Annual monitoring report of the balearic wall lizard (*Podarcis lilfordi*) in Mallorca.2019.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 22** José Manuel Igual; María Martín; Alfonso Sola; Andreu Rotger; Ana Sanz-Aguilar; Daniel Oro; Giacomo Tavecchia. Cory shearwater monitoring report (*Calonectris diomodea*) of Pantaleu breeding colony.2019.

Type of production: Scientific-technical report
Corresponding author: No

Format: Scientific and technical document or report

- 23** Andreu Rotger; Giacomo Tavecchia; Ana Sanz-Aguilar. Investigación aplicada para la conservación del paíño europeo en el entorno marino e islas de la Comunitat Valenciana. 2019.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 24** Giacomo Tavecchia; Andreu Rotger; Julia Sousa; José Manuel Igual. Annual monitoring report of the balearic wall lizard (*Podarcis lilfordi*) in Mallorca.2018.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 25** Andreu Rotger. Technical report of the capture-recapture study in Ibiza for the control of invasive introduced snakes. 2018.

Type of production: Scientific-technical report
Corresponding author: Yes

Format: Scientific and technical document or report

- 26** José Manuel Igual; Alejandro Martínez-Abraim; Andreu Rotger; Giacomo Tavecchia; Meritxell Genovart; Ana Payo Payo; Ana Sanz Aguilar; Daniel Oro. Cory shearwater monitoring report (*Calonectris diomodea*) of Pantaleu breeding colony.2017.

Type of production: Scientific-technical report
Corresponding author: No

Format: Scientific and technical document or report

- 27** José Manuel Igual; Ana Sanz Aguilar; Ana Payo Payo; Andreu Rotger; Enric Real; Meritxell Genovart; Miguel Gonzalez; Giacomo Tavecchia; Daniel Oro. Cory shearwater monitoring report (*Calonectris diomodea*) of Pantaleu breeding colony. 2016.

Type of production: Scientific-technical report
Corresponding author: No

Format: Scientific and technical document or report



- 28** José Manuel Igual; Serena Manserra; Enric Real; Ana Sanz Aguilar; Meritxell Genovart; Andreu Rotger; Ana Payo Payo; Giacomo Tavecchia; Pilar Santidrian; Noelia Hernandez; Daniel Oro. Cory shearwater monitoring report (Calonectris diomodea) of Pantaleu breeding colony.2015.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
Corresponding author: No
- 29** José Manuel Igual; Ana Sanz Aguilar; Alejandro Martinez Abrain; Meritxell Genovart; Andreu Rotger; Giacomo Tavecchia; Ana Payo Payo; Noelia Heranandez; Daniel Oro. Cory shearwater monitoring report (Calonectris diomodea) of Pantaleu breeding colony. 2014.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
Corresponding author: No
- 30** José Manuel Igual; Alejandro Martinez Abrain; Albert Fernandez Chacon; Meritxell Genovart; Andreu Rotger; Giacomo Tavecchia; Ana Payo Payo; Ana Sanz Aguilar; Daniel Oro. Cory shearwater monitoring report (Calonectris diomodea) of Pantaleu breeding colony. 2013.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
Corresponding author: No
- 31** Giacomo Tavecchia; José Manuel Igual; Simone Tenan; Meritxell Genovart; Camilla Enoksen; Jon Ruiz de Infante; Andreu Rotger. Annual monitoring report of the balearic wall lizard (Podarcis lilfordi) in Mallorca.2012.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report

Works submitted to national or international conferences

- 1** **Title of the work:** Factores que afectan a la supervivencia y éxito reproductor del Paíño mediterráneo
Name of the conference: Congrés d'Ornitologia de les Terres de Parla Catalana (COTPC)
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Mahón, Balearic Islands, Spain
Date of event: 09/10/2020
End date: 12/10/2020
Organising entity: CONSELL INSULAR DE MENORCA
Ana Sanz-Aguilar; Andreu Rotger; Jose Manuel Igual; Ana Payo-Payo; Virginia Picorelli; Mariana Vinas; Esteban Cardona.
- 2** **Title of the work:** Resultados tras dos décadas de seguimiento ininterrumpido de la pardela cenicienta en el parque natural de Dragonera (Illes Balears)
Name of the conference: Congrés d'Ornitologia de les Terres de Parla Catalana (COTPC)
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Mahón, Balearic Islands, Spain
Date of event: 09/10/2020
End date: 12/10/2020
Organising entity: CONSELL INSULAR DE MENORCA
Jose Manuel Igual; Ana Sanz-Aguilar; Andreu Rotger; M Martin; Daniel Oro; Meritxell Genovar; Giacomo Tavecchia.



- 3** **Title of the work:** Where they go during incubation shifts? Breeding storm petrels (*Hydrobates pelagicus melitensis*) cover long distances to feed themselves
Name of the conference: Congrés d'Ornitologia de les Terres de Parla Catalana (COTPC)
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Mahón, Balearic Islands, Spain
Date of event: 09/10/2020
End date: 12/10/2020
Organising entity: CONSELL INSULAR DE MENORCA
Andreu Rotger; Alfonso Sola; Giacomo Tavecchia; Ana Sanz-Aguilar.
- 4** **Title of the work:** Els pilars d'Hèrcules i l'au més petita de la Mediterrània: la migració desconeguda dels escaterets (*Hydrobates pelagicus*) d l'illa Benidorm
Name of the conference: Congrés d'Ornitologia de les Terres de Parla Catalana (COTPC)
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Mahón, Balearic Islands, Spain
Date of event: 09/10/2020
End date: 12/10/2020
Organising entity: CONSELL INSULAR DE MENORCA
Teresa Militao; Andreu Rotger; Ana Sanz-Aguilar; Raul Ramos.
- 5** **Title of the work:** GPS tracking of breeding Mediterranean storm petrels (*Hydrobates pelagicus melitensis*) reveals long-distance foraging movements
Name of the conference: VI World Seabird Twitter Conference (#WSTC6)
Type of event: Conference
Corresponding author: Yes
Date of event: 04/05/2020
End date: 03/05/2020
Organising entity: The World Seabird Union **Type of entity:** Associations and Groups
Giacomo Tavecchia; Andreu Rotger Vallespir; Alfonso Sola. "FORAGING FAR FROM HOME: GPS-TRACKING OF MEDITERRANEAN STORM PETRELS REVEALS LARGE SCALE FORAGING MOVEMENTS".
- 6** **Title of the work:** Breeding sites preferences and surveillance of *Aedes mariaae* (Sergent & Sergent) in a touristic Mediterranean coastal area of Spain
Name of the conference: IX INTERNATIONAL CONFERENCE of the EUROPEAN MOSQUITO CONTROL ASSOCIATION
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: La Rochelle, Aquitaine, France
Date of event: 11/03/2019
End date: 14/03/2019
Organising entity: European Mosquito Control Association (EMCA)
Mikel Bengoa; Carlos Barceló; Andreu Rotger; Raul Luzon.
- 7** **Title of the work:** Efecte de les paparres (*Ornithodoros maritimus*) sobre els fumarells (*Hydrobates pelagicus*) a la colònia de s'Esparta. VII Jornades de Medi Ambient de les Balears a Eivissa
Name of the conference: VII Jornades de Medio Ambiente de las Baleares
Type of participation: Participatory - oral communication



Corresponding author: No

City of event: Ibiza, Balearic Islands, Spain

Date of event: 28/11/2018

End date: 30/11/2018

Organising entity: SOCIEDAD DE HISTORIA NATURAL DE BALEARES

Ana Sanz Aguilar; Andreu Rotger; Jose Manuel Igual; Ana Payo; Miguel Angel Miranda.

8 Title of the work: L'ús d'un programa de foto - identificació automàtica aplicat a un estudi per al control de la població de serp de ferradura (Hemorrhoids hippocrepis) d'Eivissa.

Name of the conference: VII Jornadas de Medio Ambiente de las Baleares

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Eivissa, Balearic Islands, Spain

Date of event: 28/11/2018

Organising entity: SOCIEDAD DE HISTORIA NATURAL DE BALEARES

City organizing entity: Palma, Balearic Islands, Spain

Andreu Rotger Vallespir; Victor Colomer; Jorge Enrique Moreno. "Photo-identification of horseshoe whip snakes (Hemorrhoids hippocrepis, Linnaeus, 1758) by a semi-automatic procedure applied to wildlife management."

9 Title of the work: l'efecte dels factors climàtics i la densitat de la població sobre la condició física de les poblacions de la sargantana balear

Name of the conference: VII Jornadas de Medio Ambiente de las Baleares (Mallorca, España)

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Palma, Balearic Islands, Spain

Date of event: 28/11/2018

End date: 30/11/2018

Organising entity: SOCIEDAD DE HISTORIA NATURAL DE BALEARES

City organizing entity: Palma, Balearic Islands, Spain

Andreu Rotger; José Manuel Igual; Giacomo Tavecchia.

10 Title of the work: Contrasting size - dependent life history strategies lizards from insular close population.

Name of the conference: VI Congreso de la Sociedad Española de Biología Evolutiva (SESBE)

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Palma, Balearic Islands, Spain

Date of event: 28/01/2018

End date: 30/01/2018

Organising entity: Sociedad Española de Ecología Evolutiva

Andreu Rotger.

11 Title of the work: Contrasting size - dependent life history strategies in female Balearic Wall lizards (Podarcis lilfordi)

Name of the conference: XIV Congreso Luso-Español de Herpetología and XVIII Congreso Español de Herpetología

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Lleida, Catalonia, Spain

Date of event: 05/10/2016

End date: 08/10/2016



Organising entity: Universitat de Lleida

Type of entity: University

City organizing entity: Lleida, Catalonia, Spain

Andreu Rotger; José Manuel Igual; Giacomo Tavecchia.

12 Title of the work: Animal abundance in closed populations: handling recapture heterogeneity in three sessions surveys.

Name of the conference: International Statistical Ecology Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Oslo, Norway

Date of event: 03/06/2012

End date: 03/07/2012

Organising entity: Centre for Ecological and Evolutionary Synthesis

Simone Tenan.

Other dissemination activities

1 Title of the work: Va de Escamas

Name of the event: Semana de la Ciencia

Type of event: Media interviews

City of event: Esporles, Balearic Islands, Spain

Date of event: 12/11/2020

Organising entity: Institut Mediterrani d'Estudis Avançats

Type of entity: Public Research Body

City organizing entity: Esporles, Balearic Islands, Spain

Giacomo Tavecchia; Andreu Rotger.

2 Title of the work: Redescobrint la Sargantana Balear

Name of the event: el darrer dijous

Type of event: Conferences given

City of event: Palma de Mallorca, Balearic Islands, Spain

Date of event: 22/01/2018

Organising entity: Grup Ornitologia Balear (GOB)

Type of entity: Associations and Groups

Andreu Rotger.

3 Title of the work: Fauna i Flora invasoras de las Islas Baleares

Name of the event: Fira de la Ciencia

Type of event: Fairs and exhibitions

Corresponding author: No

City of event: Ibiza, Balearic Islands, Spain

Date of event: 07/04/2011

Organising entity: Govern de les Illes Balears

Type of entity: Medi Ambient

Mireia Luque; Laura Viard; Andreu Rotger.

4 Title of the work: La comunitat bentònica a la Tenassa des Clot des Moro, part de la reserva marina de l'illa del Toro

Name of the event: II Jornades d'Estudis Locals de Calvià

Type of event: Conferences given

City of event: Calvià, Balearic Islands, Spain

Date of event: 03/10/2010



Organising entity: Ajuntament de Calvia

Type of entity: Administrative Body of the National Health System

City organizing entity: Calvia, Balearic Islands, Spain

Jessica Sola; Andreu Rotger; Jaume Segui. ISBN 978-84-92703-91-3

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

Committee title: CAMPAÑA OFIDIOS PITIUSAS 2017

Affiliation entity: Govern de les Illes Balears

Type of entity: Servei Proteccio Especies

City affiliation entity: Balearic Islands, Spain

Start-End date: 21/02/2017 - 21/07/2017

Evaluation and revision of R&D projects and articles

1 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Amphibia Reptilia

Start date: 2021

2 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Ecology and Evolution

Start date: 2021

3 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Population Ecology

Start date: 2021

4 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Amphibia Reptilia

Start date: 2020

5 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Ecological Modeling

Start date: 2020

6 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Zoologia

Start date: 2020

7 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: PlosOne

Start date: 2019

8 Name of the activity: 1 ms revision

Performed tasks: Reviewer of manuscripts for the journal: Herpetologica

Start date: 2016



Other achievements

Stays in public or private R&D centres

- 1 Entity:** Museo delle Scienze
City of entity: Trento, Provincia Autonoma Trento, Italy
Start-End date: 16/09/2019 - 17/09/2020 **Duration:** 1 year
Goals of the stay: Post-doctoral
Provable tasks: Computerized individual identification for the study of the demography of animal populations
- 2 Entity:** Oxford University
City of entity: Oxford, Outer London, United Kingdom
Start-End date: 25/02/2015 - 30/03/2015 **Duration:** 1 month - 5 days
Goals of the stay: Doctorate
Provable tasks: Modelos Integrales en poblaciones animales
- 3 Entity:** Pontificia Universidad Católica de Chile **Type of entity:** University
Faculty, institute or centre: Departamento de Ecología
City of entity: Santiago de Chile, Chile
Start-End date: 20/10/2014 - 22/01/2015 **Duration:** 3 months
Goals of the stay: Doctorate
Provable tasks: Denso-dependencia en rasgos de historia de vida de poblaciones insulares

Obtained grants and scholarships

- 1 Name of the grant:** Becas Iberoamérica, Jovenes Profesores e Investigadore
Aims: Pre-doctoral
Awarding entity: Santander Universidades
Conferral date: 20/10/2014 **Duration:** 3 months
End date: 22/01/2015
Entity where activity was carried out: Pontificia Universidad de Chile
Faculty, institute or centre: Facultad de Biología
- 2 Name of the grant:** JAE Predoc
Aims: Pre-doctoral
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Conferral date: 20/06/2011 **Duration:** 4 years



Prizes, mentions and distinctions

- 1** **Description:** 1st award for the best poster in IX International Conference of the European Mosquito Control Association
Awarding entity: European Mosquito Control Association (EMCA) **Type of entity:** Associations and Groups
City awarding entity: La Rochelle, Aquitaine, France
Conferral date: 14/03/2019
- 2** **Description:** 2nd award for the best poster in VI Congreso de la Sociedad Española de Biología Evolutiva
Awarding entity: Sociedad Española de Biología Evolutiva **Type of entity:** Associations and Groups
City awarding entity: Palma de Mallorca, Balearic Islands, Spain
Conferral date: 30/01/2018