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PERSONAL INFORMATION

Surname/Name	PELLITTERI-ROSA/DANIELE
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Nationality	Italian
Place and date of birth	Roma (Italy), 16 April 1975



CV SUMMARY

In **2003** I took the **Master of Science** in Natural Sciences at University of Pavia with a thesis by the heading “Sexual selection in *Testudo hermanni* (Reptilia, Testudinidae): relationships between morpho-physiological conditions, courtship, vocalizations and mounting success”.

From **2003 to 2008**, I took part in several research and management projects, concerning above all amphibians, reptiles and water birds. In particular, the main focus of my research was represented by **behavioral ecology** in reptiles, specifically **sexual selection models** (Honest-advertisement models) applied to two European species of tortoises (*Testudo hermanni* and *T. graeca*), investigating whether behavioral traits such acoustic signals (vocalizations), exhibited by males during courtship, reflected their general health and body condition and what effect these signals may have on male mounting success.

During this period I was involved in several **wildlife management projects**, concerning preservation and conservation of herpetofauna and water bird species in Northern Italy. The main activities consisted of **monitoring amphibians and reptile species** (in particular *Rana latastei*, *Pelobates fuscus insubricus*, *Vipera aspis* and *Vipera berus*) in many natural areas for the evaluation and realization of conservation actions. During 2006-2007 I coordinated a survey project on the **phenology of water birds** in the Lombardy Region to identify the migratory periods functional to the conservation of many species subject to hunting pressure.

From **2008 to 2010**, **Ph.D. in Experimental Ecology and Geobotany** at University of Pavia with a project entitled “Mechanisms of regulation and maintenance of **colour polymorphism in the common wall lizard (*Podarcis muralis*)**”. In this species both sexes exhibit three pure colour morphs (red, yellow and white), differing in throat and belly colouration, thus it represented an excellent model to investigate the evolution and maintenance of colour polymorphism and its functions, by both correlated approaches and specifically designed experiments to verify the existence of alternative behavioral and reproductive strategies between colour morphs. During this research project I dealt with several topics such as **immune-competence, haematic analyses, breeding experiments, colour measurements, chemical secretion and genetic differences**, and most of these are still in progress.

During the Ph.D. experience and in subsequent years I participated to several **scientific international expeditions** aimed to investigate herpetofauna biodiversity. In particular, I spent some field periods on the **island of Socotra** (Yemen), collecting many data on the **distribution of reptiles** (above all geckos, 18 species), in natural parks of **Costa Rica** as field assistant in a project on **dendrobatid frogs**, in some Mediterranean islands such as **Cres** and **Krk** (Croatia), **Mallorca** (Spain), **Sardinia** (Italy), **Samos** and **Icaria** (Greece) to study various species of lizards (*Podarcis melisellensis*, *P. lilfordi*, *P. tiliguerta*, *Anatololacerta* sp.), and recently in **Albania** for an **international cooperation project** related to management of Albanian protected areas aimed at the sustainable **biodiversity conservation**.

From **2011 to date** I won a **3-year grant for Post-Doctoral research** to continue the study of **colour polymorphism in the common wall lizard**, dealing also with other topics on different lizard species such as sexual dimorphism and allometry in *Mesalina balfourii*, habitat selection of the western green lizard (*Lacerta bilineata*), leukocytes morphology in several European lizards, and recently phylogeography and haematic parasites in the Moorish gecko (*Tarentola mauritanica*) and Mediterranean gecko (*Hemidactylus turcicus*).

Parallel to my Post-Doc research I have been involved in **many national and European (LIFE - Natura 2000)** projects for **management and conservation of amphibians and reptiles**, aimed at the formulation of monitoring protocols and definition of the areas potentially suitable for the creation of an ecological connection. From 2007 to date I have been the **coordinator of the Societas Herpetologica Italica (SHI)**, Lombardy division, with managing and organizing responsibility for various conservation and research projects related to local herpetofauna. Currently, I'm involved in a project on **allochthonous frogs** concerning the reconstruction of the expansion routes of invasive populations of the **Balkan Frog, *Pelophylax kurtmuelleri***, which is rapidly spreading in northern Italy threatening autochthonous water frogs by the diffusion of the infectious disease **chytridiomycosis**.

These years I also accumulated **teaching experiences** in several seminars during the first level Master in “Wildlife Management and Conservation” at the University of Pavia, also collaborating in teaching activities during the exams and graduation, in support to the development of tutorials and seminars. Recently, I was supervisor of **11 degree thesis in Biology and Natural Sciences** at the University of Pavia.

I **published** 30 international and national scientific papers (24 peer-reviewed papers), participating to many proceedings with 16 posters and oral presentations. I'm **referee** for several journals in the field of ecology and behaviour (e.g. *Animal Behaviour*, *Behavioral Ecology and Sociobiology*, *Biological Journal of the Linnean Society*). From 2003 to date I am **member of the Societas Herpetologica Italica (SHI)**. During these years I've established several **collaborations** with national and international institutions (Universities, Museums and Governments).

SELECTED INFORMATIONProfessional experiences

2011-2013	Post-Doc concerning mechanisms of polymorphism regulation in reptiles, and especially in lizards
2011-2013	Referee for several scientific journals in the field of ecology and behaviour
2008-2013	Coordinator of the Societas Herpetologica Italica – Lombardy division
2001-2013	Participation at several research projects concerning management and conservation of Vertebrate wildlife in Northern Italy, especially of amphibians, reptiles, and water birds
2007-2013	Participation at some scientific International expeditions in Costa Rica, on Socotra (Yemen), Cres (Croatia), Mallorca and Greek islands, concerning amphibians and reptiles
2004-2013	Several editorial experiences as writer of journals and proofreader of books
2004-2011	Experiences as keeper and breeder of several reptiles species (in particular tortoises and lizards) at CARAPAX centre of tortoises and at University of Pavia
2004-2008	General coordination of the Master in “Wildlife management and conservation” (University of Pavia)
2004-2005	Environmental education of schools at some natural parks in Italy

Education and Training

2008-2010	PhD in Experimental Ecology and Geobotany at the University of Pavia with honors
2003-2004	First level Master in “Wildlife management and conservation” organized by the University of Pavia
1998-2003	Degree in Natural Sciences at the University of Pavia with honors

Appreciations

2014	Grant for a Synthesis project at the Museo Nacional de Ciencias Naturales, Madrid
2008	Expert in the field of Zoology (Teaching assistant and Exam committee member)
2006	Grant for best project on Conservation of amphibians and reptiles (Societas Europaea Herpetologica)
2004	First Award “Prof. Francesco Barbieri”, Herpetological Contest organized by Societas Herpetologica Italica (SHI)

Personal abilities and technical skills

Languages	Italian (Excellent), English (Good).
Informatics	Very good knowledge of Office and Photoshop software, Internet and e-mail software. Use of statistical (SPSS), bioacoustic (Avisoft and Cooledit), and GIS (Arcview) software
Bioacustics	Recording and spectrographic analysis of calls and vocalizations of amphibians and reptiles
Hematology	Basic hematological techniques based on blood smears (measure of the white blood count, packed volume cells, stress status and blood parasites determination)
Morphology	Techniques of geometric morphometrics. Histological analyses of biological samples by microtomy
Parasitology	Quantitative analysis for the determination of parasite load within feces of Vertebrates (nematode and cestode egg counts)
Genetics	Molecular biology techniques concerning DNA extraction and purification

Publications and Proceedings

Author of	25 full scientific papers published on international indexed journals 4 full scientific papers published on not indexed journals 3 monographs and book chapters
Proceedings	10 participations at National Conferences 6 participations at International Conferences

Teaching and tutoring experiences

2004-2009	Assistance and teaching in some seminars during the first level Master in “Management and conservation of wildlife” at the University of Pavia
2009-2013	Supervisor of 11 degree thesis in Biology and Natural Sciences at the University of Pavia

Collaborations

Dr James Harris and Dr Angelica Crottini, Centro Investigação de Biodiversidade e Recursos Genéticos (CIBIO)
 Dr José Martín and Dr Pilár López, Departamento de Ecología Evolutiva, Museo Nacional de Ciencias Naturales
 Dr Maurizio Casiraghi, ZooPlantLab, Biotechnology and Bioscience Department, University of Milano-Bicocca
 Dr Roberto Sindaco, Istituto per le Piante da Legno e l'Ambiente (IPLA)
 Dr Saeed Suleiman and Dr Badar Awadh Al-Aseily, Environment Protection Agency, Socotra, Yemen
 Dr Giacomo Tavecchia, Mediterranean Institute for Advanced Studies, University of the Balearic Islands
 Further several collaborations with National and International Universities and Museums

PROFESSIONAL EXPERIENCES

Date	Research/Project title	Main activities and responsibilities	Name of employer
2011-2014	3- year grant for Post-Doctoral research on polymorphisms and sexual selection in lacertids	Research activity concerning mechanisms of regulation and maintenance of colour polymorphism in the common wall lizard (<i>Podarcis muralis</i>) and other issues related to ecology of many lizard species	University of Pavia, Italy
2011-2013	Referee for international indexed journals in the field of ecology and behaviour	Referee for the following journals: <i>Animal Behaviour</i> , <i>Behavioral Ecology and Sociobiology</i> , <i>Biological Journal of the Linnean Society</i> , <i>Chelonian Conservation and Biology</i> , <i>Herpetologica</i> , <i>Italian Journal of Zoology</i>	Different international Editors
2007-2013	Coordinator of the Societas Herpetologica Italica (SHI), Lombardy division "Francesco Barbieri"	Responsible for managing and organizing various projects aimed to conservation and research of amphibians and reptiles in the Lombardy Region	Societas Herpetologica Italica (SHI)
2013	The ecological connection between the Apennines and the Po Valley - Southern Lombardy (CARIPLO project)	Monitoring of the herpetofauna, aimed at the definition of the areas potentially suitable for the creation of an ecological connection in the area. Consultancy for the creation of new ponds for amphibians and suitable environment for reptiles	Municipality of Voghera, Italy
2013	LIFE11 NAT/IT/044 "GESTIRE - Developing a strategy for the management of the Natura 2000 network in the Lombardy region"	Formulation of programs for the management and restoration of Natura 2000 network in order to process the Prioritised Actions Framework (PAF) at national / regional level. Checking and preparation of monitoring protocols for amphibians and reptiles	Fondazione Lombardia per l'Ambiente (FLA), Seveso, Italy
2012-2013	LIFE 10/NAT/IT/241	TIB - Trans Insubria Bionet. Connection and improvement of habitats for amphibians and reptiles along the Insubric ecological corridor Alps - Valle del Ticino (Lombardy, Italy)	Province of Varese, Italy
2010-2013	Definition and implementation of a Monitoring Plan in the Natural Park "Valle del Ticino"	Monitoring of natural areas, in particular for the species of amphibians and reptiles, and environmental impact assessment for the updating of Turin-Milan motorway	Nuova Qualità Ambientale, Pavia, Italy
2010-2013	Definition and implementation of a Monitoring Plan in the Eastern area of Milan, Italy	Monitoring of natural areas, in particular for the species of amphibians and reptiles, and environmental impact assessment for the New Outer Ring Road system of the Eastern area of Milan	EcoCentro, Pavia, Italy
2012	Institutional support to the management of protected areas in Albania	Consultancy in managing of an international cooperation project aimed at the sustainable biodiversity conservation and use in protected Albanian areas	Albanian Ministry of Environment, Forest and Water Administration

Date	Research/Project title	Main activities and responsibilities	Name of employer
2010	Monitoring Plan of the Terrestrial Vertebrates of Community Directives (79/409/EEC and 92/43/EEC)	Development of a monitoring plan for terrestrial Vertebrates of Community interest, in particular of the species of amphibians and reptiles in Lombardy	Fondazione Lombardia per l'Ambiente (FLA), Seveso, Italy
2008-2010	Land register of ponds and pools for the protection of amphibians in Oltrepò Pavese, Lombardy	Project coordination, monitoring of the ponds and census of amphibians	Natural History Museum, University of Pavia, Italy
2009	Distribution of reptiles in the island of Socotra (Yemen)	Participation in scientific missions for the collection of field data regarding the island reptiles, above all geckos and lizards	University of Pavia, Italy
2004-2008	Tutoring of the Master's Degree in Management and Conservation of the Environment and Wildlife	Organization, coordination and scientific mentorship of 3 editions of the Master. Management of secretarial didactic, evaluation, administration and accounting	University of Pavia, Italy
2008	Report on the state of conservation of wildlife (birds and mammals) in Lombardy	Drafting of accompanying texts of many species of water birds present in the Lombardy region	Lombardy Region - General Directorate for Agriculture, Unit Planning Wildlife and Hunting
2006-2007	Actions to Lataste frog (<i>Rana latastei</i> Boulenger, 1879) in the territory of "Parco Agricolo Sud Milano"	Census of amphibians for the evaluation of conservation actions (creation of new wetlands) in favor of the <i>Rana latastei</i> , endemism to the Po plain	University of Pavia, Italy
2006-2007	Survey Project on the phenology of water birds species of hunting interest in the Lombardy Region	Project coordination and monitoring of certain wetlands in order to identify the migratory periods functional to the conservation of many species subject to hunting pressure	Lombardy Region - General Directorate for Agriculture, Unit Planning Wildlife and Hunting
2005-2006	Relations between human presence, distribution and ecology of <i>Vipera aspis</i> and <i>V. berus</i> in Lower Valtellina, Northern Italy	Census of amphibians and reptiles, especially of the two species of vipers present in the Natural Park "Orobic Valtellinesi"	Consorzio Parco delle Orobic Valtellinesi, Morbegno, Italy
2005	Environmental Education at the Natural Oasis of Sant'Alessio, Northern Italy	Teaching guide for schools	ADM - Association of museum education, Civic Natural History Museum of Milan, Italy
2003-2004	Environmental education and management at the Center CARAPAX	Teaching guide and accompanying of groups of people (students and adults) within the Centre. Carrying out the activities of maintenance and conservation of various species of turtles and other reptiles in the Center	Centro CARAPAX - Massa Marittima, Italy
200-2001	Ecology of the wolf (<i>Canis lupus</i>) in the parks of the Apennines	Collaboration in a preliminary study for a Life project concerning the monitoring and the ecology of the Apennine wolf (<i>Canis lupus</i>) in a National Park in Central Italy	University of Pavia

EDUCATION AND TRAINING

Date	Title of qualification awarded	Principal subjects/occupational skills covered	Name and type of organization providing education and training
2008-2010	Ph.D. in Experimental Ecology and Geobotany with honors	Analysis of the mechanisms of regulation and maintenance of colour polymorphism in the common wall lizard (<i>Podarcis muralis</i>)	University of Pavia, Italy
2003-2004	First level Master in Wildlife management and conservation	Wildlife Management, Conservation Biology, Principles of Environmental Analysis, Applied Biostatistics and Modelling, Environmental Improvement Techniques and Elements of Environmental Law	University of Pavia, Italy
1998-2003	Degree (Laurea / M.Sc.) in Natural Science, awarded with 110/110 <i>cum Laude</i>	Thesis: Sexual selection in <i>Testudo hermanni</i> (Reptilia, Testudinidae): relationships between morpho-physiological conditions, courtship, vocalizations and mounting success	University of Pavia, Italy
1994-1998	Frequency of the Degree in Economics and Business	Overcoming of 8 examinations in economics and law subjects with an average of 26/30	University "La Sapienza", Rome, Italy
1989-1994	Science High School Diploma	Secondary school degree of purely training that integrates the humanistic subjects with an increased focus on mathematics and natural sciences	Collegio San Carlo, Milan, Italy

APPRECIATIONS

Date	Title of qualification awarded	Principal subjects/occupational skills covered	Name and type of organisation providing education and training
2014	Grant for a Synthesis Project	Geographic variation of dorsal pattern in female Iberian wall lizards (<i>Podarcis hispanica</i> , Steindachner, 1870)	Museo Nacional de Ciencias Naturales, Madrid
2008	Expert in the field of Zoology	Collaboration in teaching activities during the exams and graduation, and in support to the development of tutorials and seminars	University of Pavia, Italy
2006	International Grant	Best project on Conservation of amphibians and reptiles. Title: Analysis of factors affecting the success rate of habitat management actions and repatriation in two endangered species of Northern Italy (<i>Pelobates fuscus insubricus</i> and <i>Rana latastei</i>) listed in the annex II of the Habitat Directive"	Societas Europaea Herpetologica (SEH)
2003	First Award "Prof. Francesco Barbieri"	Herpetological Contest intended for the best national degree thesis in the field of herpetology	Societas Herpetologica Italica (SHI)

PERSONAL ABILITIES AND TECHNICAL SKILLS

MOTHER TONGUE	Italian
OTHER LANGUAGES	English: Excellent reading, Good writing, Good verbal skills
TECHNICAL SKILLS AND COMPETENCES	<p>FIELD TECHNIQUES</p> <ul style="list-style-type: none"> - Amphibians census by egg count, calls recognition, road kills count - Reptile census by linear transects and many different capture methods - Census of water birds through recognition with binoculars - Tracking of canids (wolves, foxes and dogs) - Wolf-howling - Photographic trapping - Deer census by calls - Ungulate drive counts - Roadside and linear transect counts of lagomorphs and galliformes <p>DATA COLLECTION, MANAGEMENT AND ANALYSIS</p> <ul style="list-style-type: none"> - Database definition - Data organization - Research planning in Biology, Behaviour and Ecology - Registration and spectrographic analysis of calls and vocalizations of Vertebrates, particularly amphibians and reptiles - Biometric analysis and geometric morphometrics - Quantitative analysis of the colouration using the RGB colour system - Photo-identification of reptiles, especially lizards, by recognition of ventral scales - Molecular biology techniques related to extraction and purification of DNA from the biological sample - Haematic analysis with determination of blood white cell, haematocrit measurement, stress and haemoparasites counting - Quantitative analysis techniques for the determination of parasitic loads in the feces of Vertebrates (egg counts of Cestodes and Nematodes) <p>SOFTWARE (MAIN)</p> <ul style="list-style-type: none"> - Microsoft Office XP - Spss 13.0 for Windows - Avisoft-SAS Lab Pro and Cooledit Pro (Bioacoustic) - Adobe Photoshop 7.0 - Arcview 9.3 - Dreamweaver MX Macromedia - Excellent knowledge of the Internet and e-mail programs
SOCIAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> - During the experience of organization of various editions of the Master's Degree, I have gained good communication skills and interface with government, public institution and other social partners - I have a strong ability to work both individually and in groups, from research teams to international teams
ORGANIZATIONAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> - During my project coordination experiences I organized seminars on research methods and specific topics - I used to plan field work and scientific work - Much effort was spent in project preparation and fund raising
PERSONAL INTERESTS	Traveling, Trekking, Nature photography, Bird-watching, Dogs, Gardening, Sport (Soccer, tennis), Food and wine culture, Music (Jazz and Classic), Cinema and Literature
DRIVING LICENSES	Car
AFFILIATIONS	Societas Herpetologica Italica (SHI) Centro Sportivo Educativo Nazionale (CSEN) Lega Nazionale per la Difesa del Cane

PUBLICATIONS**Full papers published on International indexed journals (ISI)**

- 1) **Pellitteri-Rosa D.**, Martín J., López P., Bellati A., Sacchi R., Fasola M., Galeotti P. Chemical polymorphism in male femoral gland secretions matches polymorphic coloration in common wall lizards (*Podarcis muralis*). *Chemoecology*, in press.
- 2) Sacchi R., Capelli E., Scali S., **Pellitteri-Rosa D.**, Ghitti M., Acerbi E., Pingitore E. In vitro temperature dependent activation of T-lymphocytes in Common wall lizards (*Podarcis muralis*) in response to PHA stimulation. *Acta Herpetologica*, in press.
- 3) Sacchi R., **Pellitteri-Rosa D.**, Marchesi M., Galeotti P., Fasola M., 2013. A comparison among sexual signals in courtship of European tortoises. *Journal of Herpetology*, **47** (2): 215-221.
- 4) Galeotti P., Sacchi R., **Pellitteri-Rosa D.**, Bellati A., Cocca W., Gentilli A., Scali S., Fasola M., 2013. Colour polymorphism and alternative breeding strategies: effects of parent's colour morph on fitness traits in the common wall lizard. *Evolutionary Biology*, **40** (3): 385-394.
- 5) Sacchi R., **Pellitteri-Rosa D.**, Bellati A., Di Paoli A., Ghitti M., Scali S., Galeotti P., Fasola M., 2013. Colour variation in the polymorphic common wall lizard (*Podarcis muralis*): an analysis using the RGB colour system. *Zoologischer Anzeiger*, **252**: 431-439.
- 6) Butikofer L., Sacchi R., Pupin F., **Pellitteri-Rosa D.**, Razzetti E., Pella F., Fasola M., 2013. Sexual dimorphism and allometry of the lacertid *Mesalina balfouri* (Blanford, 1881), endemic to the Archipelago of Socotra (Yemen). *Herpetozoa*, **25** (3/4): 101-108.
- 7) Stefani F., Gentilli A., Sacchi R., Razzetti E., **Pellitteri-Rosa D.**, Pupin F., Galli P., 2012. Refugia within refugia as a key to disentangle the genetic pattern of a highly variable species: the case of *Rana temporaria* Linnaeus, 1758 (Anura, Ranidae). *Molecular Phylogenetics and Evolution*, **65** (2): 718-726.
- 8) Sacchi R., **Pellitteri-Rosa D.**, Bellati A., Scali S., Tronconi D., Galeotti P., Fasola M., 2012. Biological correlates of two dorsal colour pattern types in the common Wall lizard, *Podarcis muralis* (Laurenti, 1768). *Herpetozoa* **25** (1): 3-11.
- 9) **Pellitteri-Rosa D.**, Sacchi R., Pupin F., Bellati A., Cocca W., Gentilli A., Galeotti P., Fasola M., 2012. Testing the ability to store sperm: an experimental manipulation of mating opportunities in the common wall lizard, *Podarcis muralis*. *Acta Herpetologica*, **7**(1): 111-118.
- 10) Sacchi R., **Pellitteri-Rosa D.**, Capelli A., Ghitti M., Di Paoli A., Bellati A., Scali S., Galeotti P., Fasola M., 2012. Studying the reproductive biology of the common wall lizard using ultrasonography. *Journal of Zoology*, **287**: 301-310.
- 11) Sacchi R., Scali S., Cavirani V., Pupin F., **Pellitteri-Rosa D.**, Zuffi M. A. L., 2011. Leukocyte differential counts and morphology from twelve European lizards. *Italian Journal of Zoology*, **78** (4): 418-426.
- 12) Sacchi R., Marchesi M., Gentilli A., **Pellitteri-Rosa D.**, Scali S., Borelli A., 2011. Western green lizards (*Lacerta bilineata*) do not select the composition or structure of the ecotones in Northern Italy. *North-Western Journal of Zoology*, **7** (2): 213-221.
- 13) Galeotti P., Sacchi R., **Pellitteri-Rosa D.**, Fasola M., 2011. The yellow cheek-patches of the Hermann's tortoise: sexual dimorphism and relationship with body condition. *Italian Journal of Zoology*, **78** (4): 464-470
- 14) Salvidio S. *et al.*, 2011. Assessing the status of amphibian breeding sites in Italy: a national survey. *Acta Herpetologica* **6**(1): 119-126.
- 15) **Pellitteri-Rosa D.**, Sacchi R., Galeotti P., Marchesi M., Fasola M., 2011. Courtship displays are condition-dependent signals that reliably reflect male quality in greek tortoises. *Chelonian Conservation and Biology*, **10**(1): 10-17.
- 16) Bellati A., **Pellitteri-Rosa D.**, Sacchi R., Nistri A. M., Galimberti A, Casiraghi M., Fasola M., Galeotti P., 2011. Molecular survey of morphological subspecies reveals new mitochondrial lineages in *Podarcis muralis* (Squamata: Lacertidae) from the Tuscan Archipelago (Italy). *Journal of Zoological Systematics and Evolutionary Research*, **49**(3): 240-250.
- 17) Razzetti E., Sindaco R., Grieco C., Pella F., Ziliani U., Pupin F., Riservato E., **Pellitteri-Rosa D.**, Butikofer L., Suleiman A. S., Al-Aseily B. A., Carugati C., Boncompagni E., Fasola M., 2011. Annotated checklist and distribution of the Socotran Archipelago herpetofauna (Reptilia). *Zootaxa*, **2826**: 1-44.

- 18) **Pellitteri Rosa D.**, Sacchi R., Galeotti P., Marchesi M., Fasola M., 2010. Do Hermann's tortoises (*Testudo hermanni*) discriminate colours? An experiment with natural and artificial stimuli. *Italian Journal of Zoology*, **77**: 481-491.
- 19) Galeotti P., **Pellitteri-Rosa D.**, Sacchi R., Gentili A., Pupin F., Rubolini D., Fasola M., 2010. Sex-, morph- and size-specific susceptibility to stress measured by haematological variables in captive common wall lizard *Podarcis muralis*. *Comparative Biochemistry and Physiology, Part A: Molecular & Integrative Physiology*, **157**: 354-363.
- 20) Sacchi R., Scali S., **Pellitteri-Rosa D.**, Pupin F., Gentili A., Tettamanti S., Cavigioli L., Racina L., Maiocchi V., Galeotti P., Fasola M., 2010. Photographic identification in reptiles: a matter of scales. *Amphibia-Reptilia*, **31**: 489-502.
- 21) **Pellitteri Rosa D.**, Gentili A., Sacchi R., Scali S., Pupin F., Razzetti E., Bernini F., Fasola M., 2008. Factors affecting repatriation success of the endangered Italian agile frog (*Rana latastei*). *Amphibia-Reptilia*, **29**: 235-244.
- 22) Sacchi R., Pupin F., **Pellitteri Rosa D.**, Fasola M., 2007. Bergmann's rule and the Italian Hermann's tortoises (*Testudo hermanni*): latitudinal variations of size and shape. *Amphibia-Reptilia*, **28**: 43-50.
- 23) Galeotti P., Sacchi R., **Pellitteri Rosa D.**, Fasola M., 2007. Olfactory discrimination of species, sex, and sexual maturity by the Hermann's tortoise *Testudo hermanni*. *Copeia*, **2007**: 978-983.
- 24) Galeotti P., Sacchi R., **Pellitteri Rosa D.**, Fasola M., 2005. Female preference for fast-rate, high-pitched calls in Hermann's tortoises *Testudo hermanni*. *Behavioral Ecology*, **16**: 301-308.
- 25) Galeotti P., Sacchi R., Fasola M., **Pellitteri Rosa D.**, Marchesi M., Ballasina D., 2005. Courtship displays and mounting calls are honest, condition-dependent signals influencing mounting success in Hermann's tortoises. *Canadian Journal of Zoology*, **83**: 1306-1313.

Full papers published on not indexed journals

- 26) **Pellitteri-Rosa D.**, 2010. Mechanisms of regulation and maintenance of colour polymorphism in the common wall lizard (*Podarcis muralis*). *Scientifica Acta* **4** (2): 10-16.
- 27) **Pellitteri Rosa D.**, Viganò A., Brambilla M., Gottardi G., Guerrini M., Tiso E., Garavaglia R., Martignoni C., Cucè L., Vigorita V., Fasola M., 2009. Andamenti fenologici degli uccelli acquatici di interesse venatorio in Lombardia/Water birds phenological patterns of hunting interest in the Lombardy region. *Alula*, **16**: 115-117.
- 28) Viganò A., **Pellitteri Rosa D.**, Vigorita V., Fasola M., 2009. Zone umide artificiali: ciclo annuale dell'avifauna acquatica dell'Arnetta (VA-MI)/Artificial wetlands: the annual cycle of the aquatic birds in the Arnetta area (Northern Italy). *Alula*, **16**: 814-816.
- 29) **Pellitteri Rosa D.**, Sacchi R., Ballasina D., 2003. L'erpetofauna della riserva naturale integrale di "Bosco Nordio"/The herpetofauna of the natural reserve "Bosco Nordio. *Annali del Civico Museo di Storia Naturale di Ferrara*, **6**: 49-53.

Monographs and Book chapters

- 30) **Pellitteri Rosa D.**, 2008. Avvelenamento da morso di vipera e trattamento terapeutico/Viper bite poisoning and treatment. In: I rettili della bassa Valtellina - Ecologia, rapporti con l'uomo e problemi di conservazione. Gentili A., Scali S. Supplemento al volume 19 de "Il Naturalista Valtellinese" - Atti del Museo Civico di Storia Naturale di Morbegno, pp. 19-25.
- 31) **Pellitteri Rosa D.**, 2008. Redazione di 99 schede relative a specie di uccelli acquatici. In: La fauna selvatica in Lombardia – Rapporto 2008 su distribuzione, abbondanza e stato di conservazione di uccelli e mammiferi. Vigorita V., Cucè L. Regione Lombardia.

National and International Proceedings

- 32) Bellati A., **Pellitteri-Rosa D.**, Cocca W., Sacchi R., Casiraghi M., Fasola M., Galeotti P. Molecular evidence of genetic differentiation among sympatric colour morphs of the common wall lizard (*Podarcis muralis*). 8th International Symposium on the Lacertids of the Mediterranean basin. Koper, 3-6 Giugno 2013.

- 33) **Pellitteri-Rosa D.**, Martín J., López P., Bellati A., Sacchi R., Fasola M., Galeotti P. Comparison of femoral gland secretion's chemical composition between male colour morphs in common wall lizard (*Podarcis muralis*). 8th International Symposium on the Lacertids of the Mediterranean basin. Koper, 3-6 Giugno 2013.
- 34) Sacchi R., Mangiacotti M., Scali S., Sannolo M., **Pellitteri-Rosa D.**, Bellati A., Galeotti P., Fasola M., Zuffi MAL. Condition dependent sexual dimorphism in the common wall lizard: a geometric morphometric study in the Tuscan Archipelago. 8th International Symposium on the Lacertids of the Mediterranean basin. Koper, 3-6 Giugno 2013.
- 35) Bellati A., Galeotti P., Sacchi R., **Pellitteri-Rosa D.**, Cocca W., Casiraghi M., Fasola M. Colour polymorphism, alternative breeding strategies and assortative mating in common wall lizard (*Podarcis muralis*): effects on fitness traits and genetic divergence among morphs. Simposio di Evoluzione della Società Italiana di Biologia Evoluzionistica, Ferrara, 15-16 Dicembre **2012**.
- 36) Sacchi R., Scali S., **Pellitteri-Rosa D.**, Bellati A., Ghitti M., Cocca W., Gentilli A., Pupin F., Rubolini D., Di Paoli A., Mangiacotti M., Capelli A., Maiocchi V., Cavigioli L., Tettamanti S., Galeotti P., Fasola M. Colour polymorphism in Common wall lizards (*Podarcis muralis*): causes and consequences. IX Congresso Nazionale della Societas Herpetologica Italica, Bari, 26-30 Settembre **2012**.
- 37) Bellati A., Razzetti E., Resteghini M., Sacchi R., **Pellitteri Rosa D.**, Casiraghi M., Galeotti P., Fasola M. First molecular characterization of invasive alien populations of *Pelophylax kurtmuelleri* (Gayda, 1940). IX Congresso Nazionale della Societas Herpetologica Italica. Bari, 26-30 Settembre **2012**.
- 38) Bellati A., **Pellitteri-Rosa D.**, Sacchi R., Nistri A., Galimberti A., Casiraghi M., Fasola M., Galeotti P. Variabilità morfologica e divergenza molecolare: uno studio sulle sottospecie di *Podarcis muralis* (Laurenti, 1768) dell'Arcipelago toscano/Variability of morphological and molecular divergence: a study of the subspecies of *Podarcis muralis* (Laurenti, 1768) in the Tuscan Archipelago. LXXII Congresso Nazionale dell'Unione Zoologica Italiana, Bologna, 5-8 Settembre **2011**.
- 39) **Pellitteri-Rosa D.**, Cavagnini F., Bellati A., Razzetti E. Catasto di stagni e pozze per la tutela degli Anfibi in Oltrepò Pavese/Land register of ponds and pools for the protection of amphibians in Oltrepò Pavese (Northern Italy). VIII Congresso Nazionale della Societas Herpetologica Italica, Chieti, 22-26 Settembre **2010**.
- 40) Razzetti E., **Pellitteri-Rosa D.**, Sacchi R., Tiso E., Bernini F. Primi dati sulla presenza di *Pelophylax kurtmuelleri* (Gayda, 1940) in Lombardia/First data on the presence of *Pelophylax kurtmuelleri* (Gayda, 1940) in Lombardy. VIII Congresso Nazionale della Societas Herpetologica Italica, Chieti, 22-26 Settembre **2010**.
- 41) Bellati A., **Pellitteri-Rosa D.**, Sacchi R., Galimberti A., Casiraghi M., Nistri A., Fasola M., Galeotti P. Mitochondrial analysis of polymorphic insular populations of *Podarcis muralis* (Laurenti, 1768) from the Tuscan Archipelago (Italy), ascribed to different morphological subspecies. VII International Symposium on the Lacertids of the Mediterranean Basin, Palma di Maiorca, 6-9 Settembre **2010**.
- 42) **Pellitteri-Rosa D.**, Sacchi R., Di Paoli A., Ghitti M., Bellati A., Fasola M., Galeotti P. Analysis of colour morphs variation in *Podarcis muralis* by using RGB scale. VII International Symposium on the Lacertids of the Mediterranean Basin, Palma di Maiorca, 6-9 Settembre **2010**.
- 43) Bellati A., **Pellitteri-Rosa D.**, Sacchi R., Galimberti A., Casiraghi M., Nistri A., Fasola M., Galeotti P. Comparing morphological variability and molecular divergence: a preliminary study in *Podarcis muralis* (Laurenti, 1768) from the Tuscan Archipelago (Italy). IV Congresso Nazionale della Società Italiana di Biologia Evoluzionistica, Milano, 2-4 Settembre **2010**.
- 44) **Pellitteri-Rosa D.**, Viganò A., Brambilla M., Gottardi G., Guerrini M., Tiso E., Garavaglia R., Martignoni C., Cucè L., Vigorita V., Fasola M. Andamenti fenologici degli uccelli acquatici di interesse venatorio in Lombardia/Phenological patterns of huntable water birds in the Lombardy region. XV Congresso Nazionale di Ornitologia, Sabaudia (LT), 14-18 Ottobre **2009**.
- 45) Viganò A., **Pellitteri-Rosa D.**, Vigorita V., Fasola M. Zone umide artificiali: ciclo annuale dell'avifauna acquatica dell'Arnetta (VA-MI)/Artificial wetlands: the annual cycle of the aquatic birds in the Arnetta area (Northern Italy). XV Congresso Nazionale di Ornitologia, Sabaudia (LT), 14-18 Ottobre **2009**.
- 46) **Pellitteri-Rosa D.**, Gentilli A., Sacchi R., Scali S., Pupin F., Razzetti E., Bernini F., Fasola M. Factors affecting repatriation success of the endangered Italian agile frog (*Rana latastei*). XIV International Congress of Herpetology, Porto, 19-23 Settembre **2007**.

- 47) **Pellitteri-Rosa D.**, Sacchi R., Galeotti P., Marchesi M., Fasola M. Il ruolo dei segnali visivi nella discriminazione delle risorse alimentari in *Testudo hermanni*/The role of visual cues in the discrimination of food resources in *Testudo hermanni*. VI Congresso Nazionale della Societas Herpetologica Italica, Roma, 27 Settembre - 1 Ottobre 2006.

TEACHING AND TUTORING EXPERIENCE

Assistance and teaching in several seminars during the first level Master in “Management and Conservation of Wildlife” at the University of Pavia between 2004 and 2009.

Collaboration in teaching activities during the exams and graduation, and in support to the development of tutorials and seminars.

Degree thesis followed as supervisor

- ✓ Analisi comparata della formula leucocitaria di sei specie del genere *Podarcis*/Comparative analysis of the leukocyte blood cell of six species of the genus *Podarcis*. Alan Coladonato, Corso di Laurea Triennale in Scienze e Tecnologie per l’Ambiente e la Natura, Università di Pavia, A.A. 2012-2013.
- ✓ Analisi di idoneità ambientale di cinque specie di rettili in un’area del Parco del Ticino/Analysis of environmental suitability of five species of reptiles in the area of Ticino Park (Lombardy). Davide Tronconi, Corso di Laurea Magistrale in Scienze della Natura, Università di Pavia, A.A. 2011-2012.
- ✓ Relazione tra polimorfismo cromatico e uso dell’habitat in *Podarcis muralis*/Relationship between colour polymorphism and habitat use in *Podarcis muralis*. Aurora Di Paoli, Corso di Laurea Magistrale in Scienze della Natura, Università di Pavia, A.A. 2010-2011.
- ✓ Variazione geografica degli emoparassiti (Emogregarine) nella lucertola muraiola *Podarcis muralis* (Laurenti, 1768)/Geographic variation of haemoparasites (Haemogregarines) in the common wall lizard *Podarcis muralis* (Laurenti, 1768) Marianna Bassi, Corso di Laurea Triennale in Scienze e Tecnologie per la Natura, Università di Pavia, A.A. 2010-2011.
- ✓ Analisi della frequenza dei morfi dorsali nella lucertola muraiola (*Podarcis muralis*, Laurenti 1768) in due popolazioni lombarde/Analysis of the frequency of dorsal morphs in the common wall lizard (*Podarcis muralis*, Laurenti 1768) in two populations of Lombardy. Davide Tronconi, Corso di Laurea Triennale in Scienze e Tecnologie per l’Ambiente e la Natura, Università di Pavia, A.A. 2009-2010.
- ✓ Determinazione del sesso su base morfometrica e calcolo della sex-ratio nei giovani di Lucertola muraiola (*Podarcis muralis*, Laurenti, 1768)/Sex-based determination by morphometric analysis and calculation of the sex-ratio in young lizard (*Podarcis muralis*, Laurenti, 1768). Mauro Perversi, Corso di Laurea Triennale in Scienze Biologiche, Percorso: Biologia Generale, Università di Pavia, A.A. 2009-2010.
- ✓ Variazione geografica degli emoparassiti (Emogregarine) nella lucertola muraiola *Podarcis muralis* (Laurenti, 1768)/Geographic variation of haemoparasites (Haemogregarines) in the common wall lizard *Podarcis muralis* (Laurenti, 1768). Olivia Dondina, Corso di Laurea Triennale in Scienze Naturali, Università di Milano, A.A. 2009-2010.
- ✓ Analisi della variazione di colore nei morfi di *Podarcis muralis*/Analysis of colour variation in *Podarcis muralis* colour morphs. Aurora Di Paoli, Corso di Laurea Triennale in Scienze e Tecnologie per la Natura, Università di Pavia, A.A. 2008-2009.
- ✓ Polimorfismo cromatico in *Podarcis muralis*: un approccio con la teoria dei giochi/Colour polymorphism in *Podarcis muralis*: an approach using game theory. Michele Ghitti, Corso di Laurea Triennale in Scienze e Tecnologie per la Natura, Università di Pavia, A.A. 2008-2009.
- ✓ Successo riproduttivo in base al morfo di colore nella lucertola muraiola *Podarcis muralis* (Laurenti, 1768) (*Lacertidae*, *Squamata*, *Reptilia*/Reproductive success based on the colour morph of the common wall lizard *Podarcis muralis* (Laurenti, 1768) (*Lacertidae*, *Squamata*, *Reptilia*)). Walter Cocca, Corso di Laurea Specialistica in Biologia Sperimentale e Applicata, Percorso: Ecologia e Ambiente, Università di Pavia, A.A. 2008-2009.
- ✓ Sopravvivenza e dispersione nei morfi di colore della lucertola muraiola (*Podarcis muralis*)/Survival and dispersion in the colour morphs of *Podarcis muralis*. Luca Racina, Corso di Laurea Specialistica in Scienze della Natura, Università di Pavia, A.A. 2008-2009.

COLLABORATIONS

Date	Referees	Name and address of the Institution
2013	Dr James Harris and Dr Angelica Crottini	Centro Investigação de Biodiversidade e Recursos Genéticos (CIBIO), Porto, Portugal
2011-2013	Dr José Martín and Dr Pilar López	Departamento de Ecología Evolutiva, Museo Nacional de Ciencias Naturales, Madrid, Spain
2009-2013	Dr Maurizio Casiraghi	ZooPlantLab, Biotechnology and Bioscience Department, University of Milano-Bicocca, Italy
2008-2013	Dr Roberto Sindaco	Istituto per le Piante da Legno e l'Ambiente (IPLA), Torino, Italy
2005-2013	Dr Fabio Pupin	Museo delle Scienze (MUSE), Trento, Italy
2005-2013	Dr Stefano Scali	Museo Civico di Storia Naturale di Milano, Italy
2005-2013	Dr Marco A.L. Zuffi	Museo di Storia Naturale, University of Pisa, Italy
2003-2013	Dr Edoardo Razzetti	Museo di Storia Naturale, University of Pavia, Italy
2010-2012	Dr Ambra Capelli	Clinica Veterinaria Sant'Anna, San Martino Siccomario, Italy
2011	Dr Giacomo Tavecchia	Mediterranean Institute for Advanced Studies, University of the Balearic Islands, Maiorca, Spain
2009-2011	Dr Fabrizio Stefani	Department of Biotechnology and Biosciences, University of Milano-Bicocca, Italy
2010	Dr Claudia Corti and Dr Anna Maria Nistri	Museo di Storia Naturale "La Specola", University of Florence, Italy
2005-2010	Dr Diego Rubolini	Department of Biology, University of Milano, Italy
2009-2010	Dr Ahmed Saeed Suleiman and Dr Badar Awadh Al-Aseily	Environment Protection Agency, Socotra, Yemen
2001-2005	Dr Donato Ballasina	CARAPAX – European Centre for Tortoise Conservation, Massa Marittima, Italy