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University studies

2002-06	M. Sc. (Master) – "Allometric relationships and resource allocation of <i>Scirpus maritimus</i>" Development of allometric equations to determine above- and belowground biomasses and densities of <i>Scirpus maritimus</i> , using non-destructive sampling. Study of plant resource allocation in relation to grazing by specific herbivores. (Université du Québec à Montréal and Centre de recherche pour la Conservation des zones humides méditerranéennes, Tour-du-Valat, Camargue, France).
2002	B. Sc. – Populations and ecosystems biology (Université Bordeaux 1, France, in CREPUQ exchange with Université Laval, Québec, Canada)
2001	B. Sc. – Organism biology (Université Bordeaux 1, France)
1998-2000	DEUG – Life sciences (Université de Poitiers, France)

Professional experience

Caire-Chabrand Collection, Musée de la Vallée (Barcelonnette, France)

Work in Process
Ornithologist. Inventory of the Caire-Chabrand Collection (19th century) housing c.a. 900 bird specimens. Main work was the identification of the specimens.

Baillon Collection, George Sand et de la Vallée Noire Museum (La Châtre, France)

November 2010 to December 2011
Preservation assistant. Inventory of the Baillon Collection (18 and 19th centuries) housing c.a. 2500 bird specimens collected all over the world. Identification, condition report and morphometry of the specimens. Database (ActiMuseo). Conferences on the ecology of some species represented in the collection.
Scientific referee/advisor of the collection since 2011 December.

Since 2009
Emirates Center for Wildlife Propagation & International Fund for Houbara Conservation (Morocco & Kazakhstan)

(during spring)
Field Biologist. Field work in Morocco and Kazakhstan carried out the Houbara Bustard (display behavior, radio-tracking, trapping, morphometry, blood samples, and rearing).

Oceanwide Expeditions

Since 2007
(during Arctic and Antarctic summers)
Polar guide and ornithologist. Tourist guide for ship cruises expeditions in the High Arctic and Antarctica, mainly zodiac trips and hiking. I also give lectures on these fragile polar ecosystems and the ecology of animals and plants living there. Places where I went until now: Svalbard, Greenland, Jan Mayen, Patagonia, Falklands I., South Georgia I., South Orkneys I., and Antarctic Peninsula.

Estate of Jarras-Listel (Aigues-Mortes, France).

October 2007 **Biologist (10 months).** My role was to highlight the natural heritage of the estate and I am co-author of
to the management plan. Monitoring wildlife (hares, partridges, rollers, European-pond turtles...) was also
June 2008 part of my job as well as listing flora and fauna. I was naturalist guide for visitors (in French and in
and English). Study of Columbidae and hare population dynamics by data sampling on hunted animals.
October 2008 Study of micro-mammals populations through examining owl pellets. Survey of Natura 2000's contracts
(creation of seabird nesting habitats, monitoring of invasive plants and implementation of bat
conservation measures). Fundraising.

2006 *Office National de la Chasse et de la Faune Sauvage (Chizé, France).*

October- **Contributing author** of 30 worksheets, mainly on birds, published in "Faune Sauvage de France –
November Biologie, habitats et gestion (2007), editor in chief: Michel Vallance, 415 pp., Gerfaut editions.
Person in charge : Jean-Marie BOUTIN

Université Pierre et Marie Curie à Paris and Institut Polaire Français Paul Emile Victor (IPEV).

2006 **Assistant researcher.** Field research on Middleton Island in Alaska, focusing on the behavioral and
May-August evolutionary implications of genetic monogamy in the Black-legged Kittiwake. Cloacal samples, blood
samples, sexual behavior, chick behavior, vocal recognition experiments, morphometry, spectrometry
and banding. **Persons in charge: Joël WHITE and Hervé MULARD under the direction of Etienne
DANCHIN.**

2005 *Réserve Nationale de Faune de Cap-Tourmente – Environment Canada.*

September- **Naturalist guide.** Presentation of Greater Snow Geese migration to visitors (school groups etc.).
October Raising public awareness to problems concerning the superabundance of this species in relation to its
ecology, demography and management (hunting activity).

2002 *Office National de la Chasse et de la Faune Sauvage (Chizé, France).*

(3 weeks) **Columbidae and Turdidae ringing.** Nest searching and radiotracking of Columbidae, and capture of
Turdidae (using Japanese nets), biometrics, blood collection and ringing.

*Canadian Wildlife Service. Data analysis within the scope of introduction to research at Université
Laval, Québec, Canada.*

2001-2002 **Survey of the boreal bird's population, under direction of Dr. Jean-Pierre L. Savard.** Data analysis
of the Tadoussac Ringing Station (Québec, Canada) for years 1995 to 2001. Conclusions about the state
of populations of the most frequent species at Tadoussac and ringing recommendations for following
years. Results used for a presentation for the Boreal Forest Monitoring Workshop (Whitehorse, Yukon,
October 2002).

Office National de la Chasse et de la Faune Sauvage (Chizé, France).

From 1998 **Several contracts for several weeks.** Capture/Mark of wild boars, survey of roe deers with fawns,
to 2000 Short-toed Snake-eagle's eyrie searching, survey of roe deers with fawns, and identification of micro-
mammal's skulls. Inventory of ducks with the **C.N.R.S (Centre National de Recherche Scientifique)
of Chizé, France.**

Office National de la Chasse et de la Faune Sauvage (Chizé, France).

From 1994 **Several times volunteer trainee for several weeks.** Survey of roe deers with fawns, roe deer and
to 1997 Eurasian Woodcock's trapping, Short-toed Snake-eagle's eyrie searching, survey of foxes, and floristic's
survey. Reconstitution of a Wild boar's skeleton and inventory of ducks and shorebirds.

Scientific papers, communications, posters and general-public books

Tatin L. & C. Gouraud (2009) – Comment guider une société agricole vers la conservation de la biodiversité ? Exemple du vignoble méditerranéen Listel (Camargue, France). Poster presented to the Colloquium "La réveil du Dodo III", journées francophones des sciences de la conservation de la biodiversité. March 17-19 2009, Montpellier, France. **(In French)**.

Tatin L. & C. Gouraud (2008) – Domaine de Jarras, Plan de Gestion 2008-2011- Pour une utilisation durable du territoire. Domaines Listel, Aigues-Mortes, France **(In French)**.

Gouraud C., J.-F. Giroux, F. Mesléard & L. Desnouhes (2008) – Non-destructive sampling of *Schoenoplectus maritimus* L. in southern France. *Wetlands* 28(2): 532-537.

Gouraud C., J.-F. Giroux, F. Mesléard, S. Gutjahr & L. Desnouhes (2008) – No mycorrhizae on *Schoenoplectus maritimus* in Camargue. (In French with English summary). *Revue d'Ecologie (Terre et Vie)* 63: 279-282.

Vallance Michel (Ed.) (2007) – Faune Sauvage de France: Biologie, habitats et gestion, 415 pp. Editions du Gerfaut, France. **(In French)**.

Desnouhes L., C. Gouraud, M. Lepley, M. Pichaud, M. Guillemain & F. Mesléard (2007) – Estimating carrying capacity of *Scirpus maritimus* habitats used by an increasing wintering greylag geese population. *Ornis Fennica* 84(1):12-20.

Gouraud C., J.-F. Giroux, F. Mesléard & L. Desnouhes (2004). Relations allométriques et allocation des ressources chez *Scirpus maritimus*. Seventy-second congress of the Association francophone pour le savoir. May 10-14 2004, Montréal, Québec, Canada.

Gouraud C. (2000) – Le Sanglier. In Mammifères sauvages des Deux-Sèvres, atlas 1995-2000. Deux-Sèvres Nature Environnement, Niort, France. **(In French)**.

White J., Gouraud C., Handrich Y. & Danchin E. Is egg water-vapor conductance adaptive? An experiment in the Black-legged kittiwake. In preparation.

Database

Ornithological Worldwide Literature (OWL), formerly *Recent Ornithological Literature (ROL)*.
<http://www.birdlit.org/OWL/> (volunteer abstractor since 2006).

Additional information

Naturalism:

- Autumn 2004, participation in the program "Monarch Watch" with the *Insectarium de Montréal (Québec, Canada)* and the *Department of entomology of Kansas University (Kansas, USA)*: caterpillars breeding and monarchs marking.
- 2003, 2004 and 2005, nests marking (eggs), biometrics and ringing of Canada Goose. *Université du Québec à Montréal, Québec, Canada*.
- 2003, biometrics and ringing of flamingos, Ardeidae and passerines. *Centre de recherche pour la Conservation des zones humides méditerranéennes, France*.
- 2003, biometrics and ringing of Anatidae and Jack Snipe. *Office National de la Chasse et de la Faune Sauvage à la Tour-du-Valat, France*.
- Participation in the observations of Greylag Goose, European Turtle-Dove and Eurasian Thick-knee post-nuptial migrations, observations of singing Little Bustard males. *Office National de la Chasse et de la Faune Sauvage (Chizé, France)*.
- Participation in the collection of digestive tracts of Anatidae between 1997 and 2000 for the *C.N.R.S (Chizé, France)*.
- Reconstruction of a barn owl's skeleton between 1996 and 1998.

Teaching experience :

- August 2004 and 2005, teaching assistant for "Avian Ecology" at the *Université du Québec à Montréal, Québec, Canada.*
- Autumn 2004 and winter 2005, teaching assistant for "General Ecology" at the *Université du Québec à Montréal, Québec, Canada.*
- Autumn 2004 and winter 2005, teaching assistant for "Seminar in Ecology and Data Analysis" at the *Université du Québec à Montréal, Québec, Canada.*
- April 2003 and 2004, member of the jury for the *Festival des sciences de la Commission scolaire de Montréal, Québec, Canada.*

Software knowledge:

Microsoft Office, ActiMuseo, FileZilla, JMP IN, Sigma Plot, Photoshop, MapSource, and EndNote.

Languages:

English (read, spoken, written), Spanish (basic concepts).

A lot of travels of several weeks to several years long (Grenada, Venezuela, Trinidad and Tobago, St-Vincent and the Grenadines, Kazakhstan, Morocco, Canada, Alaska, Svalbard, Greenland, Jan Mayen, Honduras, Guatemala, Patagonia, Antarctica & South Atlantic I., The Netherlands, Canary I., United Arab Emirates, Romania, Greece, Thailand, Laos, Spain, Austria, Denmark and England).

References

Jean-François Giroux, Professor at the Université du Québec à Montréal + 1 514 987-3000 # 3353
giroux.jean-francois@uqam.ca

Jean-Marie Boutin, Person in charge of the CNERA migrant avifauna
Office National de la Chasse et de la Faune Sauvage de Chizé+ 33 (0)5 49 09 74 12
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Matthieu Guillemain, Researcher for the Office National de la Chasse
et de la Faune Sauvage à la Tour-du-Valat+ 33 (0)4 90 97 27 87
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