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Quæ

INRAE, CIRAD, IFREMER

# RIGHTS CATALOGUE

## Selection





# Beaux livres collection / Beaux livres hardcover books

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Our Beaux livres collection is replete with scientific, artistic books. These beautiful science books feature original content and gorgeous photos that would be right at home on any coffee table.

# Camouflage et mimétisme - Nature déguisée

## Camouflage and Mimicry - Nature's Disguise

By Vincent Albouy

Animals resort to countless strategies to escape their predators and capture their prey. They disguise themselves in all sorts of ways, in order to blend into their environment, such as by pretending to be a stone, a plant, or another animal altogether. These tactics reveal Nature's marvelously mischievous side that serves as an endless source of inspiration.

ISBN 978-2-7592-3584-1  
Language: French  
Collection: Beaux livres  
Quæ, 2022, ref. 02849  
Hardcover: 160 p.  
Format (in mm): 215 x 245  
Colour  
Price: €26

- A renowned French nature author and a skilled science populariser.
- Well-versed in the captivating realms of camouflage and mimicry in the natural world, consistently amazes and captivates general readers.
- Covers the entire spectrum of living beings, from invertebrates to mammals, with a notable inclusion of plants.
- Includes overlooked topics like chemical mimicry in orchids used to attract solitary bees and the acoustic mimicry of hoverflies that resembles the buzzing of a bumblebee.
- Features striking photographs that capture these phenomena.



TABLE OF CONTENTS

- Mimicry in all its forms
- Blending into the background
- A pretty cow disguised as a flower
- Ruses and impersonations
- Reconsidering mimicry

Vincent Albouy is an entomologist, formerly attached to the French National Museum of Natural History. For nearly thirty years he has been interested in animals and protecting them. He has published numerous works including *L'art d'être parent chez les animaux*, *L'art d'être amoureux chez les animaux* and *Architectes du monde animal*.



To escape their predators, animals use active defences such as fighting, venom, toxic or tasteless blood, and more. But did you know that they mainly employ passive strategies, adopting behaviours such as hiding, blending in with their background or disguising themselves to impersonate another species that is aggressive, toxic or venomous? Naturalists refer to these various tactics as camouflage and mimicry.

Nature's inventiveness in this area is infinite. Some species take these strategies very far, with variations in camouflage over the course of their development, like the bark-copying butterfly, or the seasons, like the brown stoat in summer and the white stoat in winter. Others take on the appearance of what is around them, such as the turbot that settles on the seabed and mimics the colour and pattern of its surroundings in a matter of minutes.

This book provides us with striking images, each time placing the animal (or sometimes plant) and its disguise in the context in which it lives. In particular, it looks at rarely covered subjects such as the chemical mimicry of orchids attracting solitary bees to pollinate them, or the acoustic mimicry of hoverflies copying the buzzing of bumblebees. All of these tactics, which have evolved through natural selection, reveal a facetious side of nature that never ceases to inspire and amaze.



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#### ALSO TO DISCOVER

##### *Biomimicy*

By Jean-Philippe Camborde, Gilles Bœuf

Collection: Beaux livres

ISBN 978-2-7592-3554-4, ref. 02847, €26

# Les rusés des récifs

## The Reef's Cleverest Creatures

By Catherine Vaden

Sea cucumbers, sea urchins, brittle stars and sea lilies, together with starfish, form part of the zoological group called echinoderms, an important part of marine biodiversity that plays a key ecological role. But what do you know about them? This book provides clear and complete explanations of the secrets of these intriguing sea creatures.

What could be more beautiful and captivating on our planet than a healthy coral reef? These underwater wonders, reservoirs of exceptional biodiversity, cover less than 1% of the ocean floor but provide a habitat for at least 25% of ocean species. In this vibrant ecosystem, the relentless competition for space and the ever-present threat of predation have given rise to a wide array of attack and defence strategies. Fish, crabs, sea urchins, molluscs, and other reef inhabitants are armed with a diverse arsenal of physical and chemical weapons: spines that pierce, teeth that crush, stingers that poison, and more. To attract prey or evade predators, many employ clever tactics such as cunning camouflage, deceptive imitation, subtle disguise, and bold warnings!

Abundantly illustrated and meticulously documented, this book is designed for diving enthusiasts and ocean lovers alike. It opens a window into the fascinating world of some remarkable species endowed with extraordinary powers of adaptation within these coral reefs.

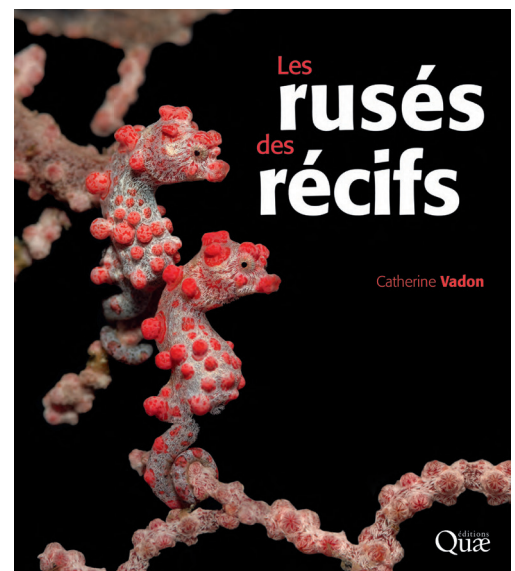
- **Highlights the remarkable adaptability of seventy most unique underwater species, including seahorses, groupers, trumpetfish, dugongs, balloonfish, harlequin shrimp, starfish, sponges, sea cucumbers, hummingbird bobtail squid, *Spirobranchus* worms, and cuttlefish.**

- **The author is a renowned science populariser and has written numerous books on ocean-related subjects.**

- **Features a treasure trove of beautiful photographs, each brimming with breathtaking detail.**

- **Rich and lively narrative text, teeming with engaging anecdotes so that all readers can delve into the wonders of the underwater world.**

ISBN 978-2-7592-3590-2  
Language: French  
Collection: Beaux livres  
Quæ, 2022, ref. 02868  
Hardcover: 168 p.  
Format (in mm): 215 x 245  
Colour  
Price: €28



## TABLE OF CONTENTS

### Living in a community

The founding association of the reefs - Billions of micro-algae - Solar-powered panels - Coral squatters - Defender and cleaner - The sting of anemones - Staying in your hole - Playing the transparency game - No life without an anemone - The damselfish that oxygenate the coral - A burrow for four - Not even afraid! - Drawing in the little ones - When two species cooperate

### Teeth, claws and spines

Serial killer - A powerful coral excavator - Nightmare or reality? - A locking system - Scalpels on its tail - A deadly acoustic shock - A hellish strategy - Quick as the devil - Sharp needles - Shocking quills - Claws by the hundreds - Hungry for coral

### Poisons and venoms

Cooking fire coral! - Killer tentacles - Drugged, harpooned, executed! - Brightly coloured warnings - Small, but deadly! - Seductive and fearsome - Fast fugu - The poison within - Tiny mouth, viscous venom - A chemical shield - Natural anti-fouling!



### ALSO TO DISCOVER

#### *Starfish and Their Cousins*

By Coralie Taquet, Marc Taquet

Collection: Clés pour comprendre

ISBN 978-2-7592-2320-6, ref. 02531, €20

# Oiseaux - Sentinelles de la nature

*Birds - Nature's Sentinels*

By Frédéric Archaux

A new edition of this beautiful book.

Discover the biology, habits and remarkable adaptability of birds. Around the world, birds have had to evolve to cope with the constraints of their environment. The woodpecker has adapted to the trees, the cormorant to the water, the ptarmigan to the high mountains and the albatross to the open sea.

But how do they burrow into the wood? Swim underwater? Resist the cold or thirst at sea? Today, human activity is disrupting the winged world. While wood pigeons and jays are making cities their homes, whole swaths of many bird species are disappearing, including our very familiar sparrow. Who wins and who loses? What does the future hold for birds and their cohabitation with humans?

- **Birds: a subject that captivates both ornithologists and nature enthusiasts.**
- **The topic is explored from a distinctive perspective, focusing on different environments such as mountains, coasts, and urban areas.**
- **Showcased throughout the book are the remarkable adaptive abilities of birds, which are threatened by human activities and changing environments.**
- **Original high-quality illustrations that encompass the vast diversity of bird species.**
- **Exceptionally clear writing that is accessible to a broad readership.**

ISBN 978-2-7592-3712-8  
Language: French  
Collection: Beaux livres  
Quæ, 2023, ref. 02896  
Hardcover: 184 p.  
Format (in mm): 215 x 245  
Colour  
Price: €26.50



Frédéric Archaux is a research engineer at INRAE in Nogent-sur-Vernisson, where he studies the response of forest biodiversity to human activities in managed forest landscapes. For nearly twenty years, birds and butterflies have been a key part of his research focus on nature conservation.



## TABLE OF CONTENTS

### A head full of birds (foreword)

The dinosaurs are among us

How the feather came about

Abundant adaptations

Sharp senses

Incredible solo singers

Not so tiny brains

The chicken and the egg

Tireless globetrotters

In the shadow of giants

Bleak plains

Ever higher

Between land and water

The call of the sea

Urban settlers

When birds are unwanted

When birds are welcome

Birds, sentinels of nature

Explore further



### ALSO TO DISCOVER

*The Art of Communication among Birds*

By Barbara Ballentine, Jeremy Hyman, Mike Webster

Collection: Beaux livres

ISBN 978-2-7592-3340-3, ref. 02801, €28

# Le langage silencieux des plantes

## The Silent Language of Plants

By Yvan Kraepiel, Sylvain Raffaele

This book invites you to connect to the information and communication networks of the plant world. Discover how plants slowly and stealthily sort out which microbes are friends or foes, cooperate with fungi, call for help and organize their days by communicating with their environment.

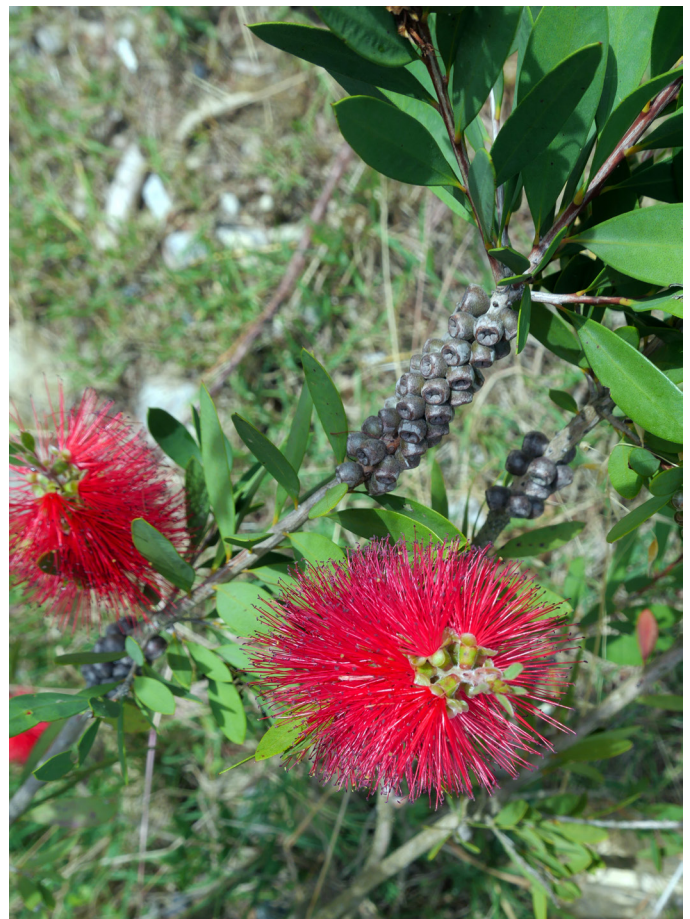
- Clear and straightforward language suitable for anyone interested in understanding how plants communicate through essential functions like nourishment, reproduction, self-defence, and their quest for global dominance.
- Illustrative examples drawn from our everyday surroundings that illuminate the intricate connections between plants and the myriad organisms that coexist with them.
- In-depth and accurate explanations rooted in the most recent research discoveries.
- Abundantly illustrated for easier understanding.

ISBN 978-2-7592-3700-5  
Language: French  
Collection: Carnets de sciences  
Quæ, 2023, ref. 02887  
Hardcover: 168 p.  
Format (in mm): 165 x 220  
Colour  
Price: €23.50



One day, the Oak said to the Reed, “You have good reason to accuse Nature; a wren for you is a heavy burden.” Jean de La Fontaine probably never imagined that such a conversation between the two plants in his fable could actually take place. But ever on the lookout for the slightest change in their environment, plants exchange countless signals with the world around them in a language all their own. Colourful flowers full of sweet nectar are a familiar call to pollinators, but many other messages are indecipherable to our senses.

How do you feed and defend yourself, reproduce, and cope with a changing environment when you live, sometimes for centuries, firmly anchored to the ground, immobile, exposed to the four winds and to the appetites of sometimes cumbersome neighbours? Discover how plants slowly and stealthily sort out which microbes are friends or foes, cooperate with fungi, call for help and organise their days by communicating with their environment. For an organism that can cover several hectares, good coordination also requires well-honed internal communication, from the deepest roots to the tallest branches.



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ALSO TO DISCOVER

Do Plants Possess a Memory?  
By Michel Tellier  
Collection: Hors collection  
ISBN 978-2-7592-2325-1, ref. 02477, €19

# Les tortues marines - 80 clés pour comprendre

## Sea Turtles - 80 Keys to Understanding

By Jérôme Bourjea, Hendrik Sauvignet, Stéphane Ciccione

Sea turtles are emblematic and mysterious reptiles. What is known about them? How many species are there around the world? How do they live? How do they reproduce? Why do they come back to lay their eggs on the same beach where they were born? How do they manage to find their way back?

Through 100 richly illustrated questions, interspersed with a variety of historical and literary anecdotes, this book invites readers to learn a little more about the mysterious lives of these tireless wanderers!

- The only French book on sea turtles, designed in an engaging question-and-answer style aimed at a wide readership.
- A dynamic narrative, replete with historical and literary anecdotes.
- Sea turtles are a remarkable group of species known for their incredible longevity, yet requiring vigilant protection amidst the many challenges they face.
- Enhanced by vibrant, high-quality color photographs depicting their natural habitat.

ISBN 978-2-7592-3669-5  
Language: French  
Collection: Clés pour comprendre  
Quæ, 2023, ref. 02880  
Hardcover: 120 p.  
Format (in mm): 140 x 205  
Colour  
Price: €19



Following in the footsteps of sea turtles, you'll discover rich, unspoilt nature. By protecting these “umbrella species” and their habitats, myriad ecosystems species and landscapes will be preserved.

But readers will also meet people from different cultures, who have attached greater importance to the symbolic and spiritual value of turtles, rather than their commercial value. In a constantly changing world, where everything seems to be speeding up, sea turtles and their “peoples” remind us how world's it is to respect the essential world's natural balances if we want to maintain life and the lasting prosperity of our societies.



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ALSO TO DISCOVER

**Seaweeds Secrets**  
By Véronique Vêto-Leclerc, Jean-Yves Floc'h  
Collection: Carnets de sciences  
ISBN: 978-2-7592-2976-5, Ref.02686, €22

# Architectes du monde animal

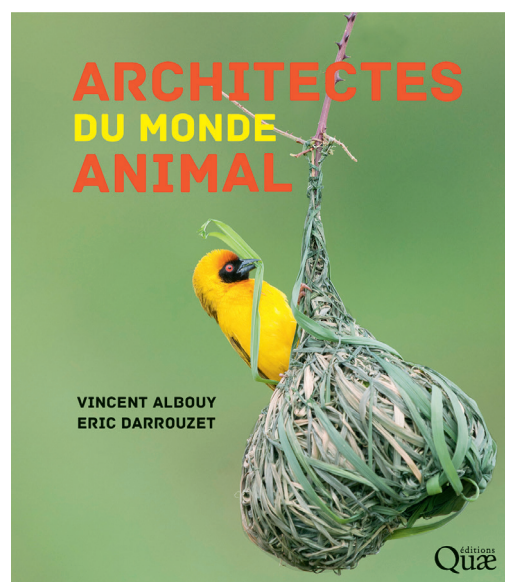
## *Architects of the Animal Kingdom*

By Vincent Albouy and Eric Darrouzet

Through thirty examples – from marine worms to weaver ants, frogs, spiders and birds – this book gives readers a closer look at the extremely varied individual, family and collective dwellings created by animal architects. Spectacular photos and accessible explanations for all readers shed light on an unknown facet of nature's ingenuity.

- Clear and concise descriptions of the functions and the materials, resources and skills used by the animals to build these structures
- A fabulous exploration of the beauty of the world's biodiversity

ISBN 978-2-7592-3215-4  
Language: French  
Collection: Beaux livres  
Quæ, 2020, ref. 02751  
Hardcover: 148 p.  
Format (in mm): 215 x 245  
Colour  
Price: €26



Naturalist and entomologist Vincent Albouy has been interested in animals for nearly thirty years. He has written many books about them for the general public.

Éric Darrouzet, a researcher at the University of Tours and specialist in social insects, has authored several popular books in this field.

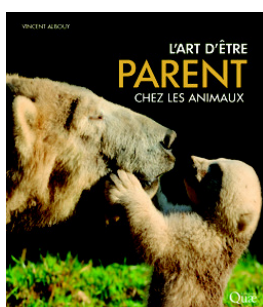
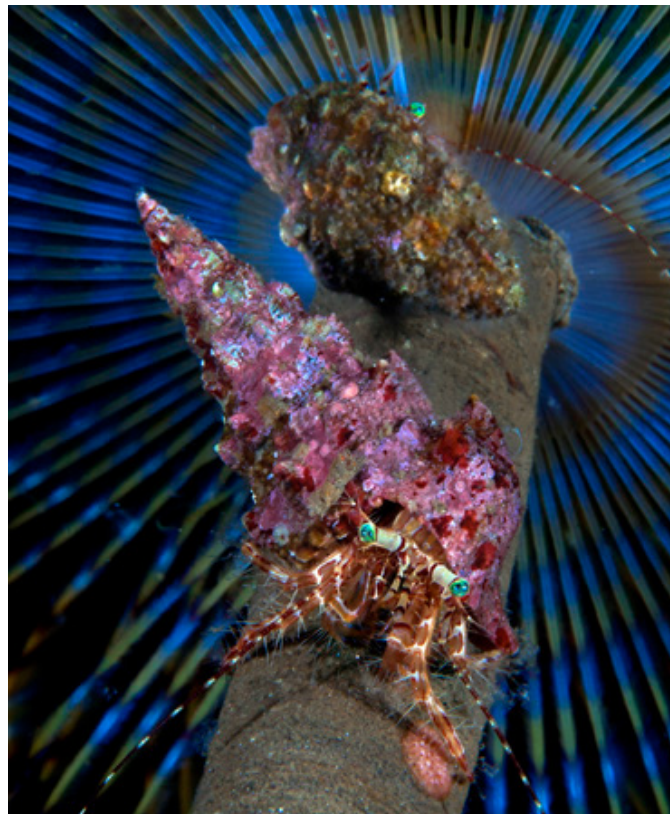


Have you ever noticed tiny, unusual casings made of plant debris attached to a stone wall or the back of a roadside sign? They are the work of caterpillars that will one day morph into psychedelic butterflies. Like these creatures, many other animals cover themselves individually with a protective envelope, or secrete one, exposing these often aesthetic structures to curious viewers. Just as impressive are the family-sized shelters that many animals build to protect their offspring. And even more astonishing is the fact that some animals pool their efforts and resources to design collective dwellings!

Whether simple or sophisticated, all these shelters – designed to meet the needs of each species – show a great diversity of form and architectural organisation: cocoons, shells, nests, burrows, galleries and more.

The spectacular photographs in this book and the very accessible texts will show readers just how ingenious nature can be. Through some thirty examples, from marine worms to mammals and birds, weaver ants, frogs and, of course, spiders, the authors share animal-made constructions that are as varied as their architects' skills.

This beautiful book will give you a newfound sense of respect for the biodiversity of our world.



PUBLICATION BY THE SAME AUTHOR

*The Art of Parenting in the Animal World*  
By Vincent Albouy  
Collection: Clés pour comprendre  
ISBN 978-2-7592-3030-3, ref. 02703, €26

# Fruits tropicaux – Invitation au voyage

## *Tropical Fruits – An Invitation to Travel*

By Valérie Le Bellec and Fabrice Le Bellec

Pineapples, avocados, dragon fruit, pomelos and bananas are now available to everyone and are commonly found at your local market. But these are just a few examples of the immense diversity of tropical fruits. This book invites readers to discover more than eighty different fruits, their origins and their uses. This book is a genuine invitation to travel!

ISBN 978-2-7592-3199-7  
Language: French  
Collection: Beaux livres  
Quæ, 2020, ref. 02753  
Hardcover: 168 p.  
Format (in mm): 215 x 245  
Colour  
Price: €25

- More than eighty tropical fruits, from the most common to the most “exotic” ones
- A detailed presentation of each fruit: history, unique details, and food and medicinal uses
- Richly illustrated to better identify the fruit



Valérie Le Bellec is a specialist in sustainable crop protection.

Fabrice Le Bellec is the director of a research unit specialising in horticulture at CIRAD. He designs new, more environmentally friendly cropping systems.

Both are agricultural engineers who have been working for over twenty-five years to promote little known tropical fruits.



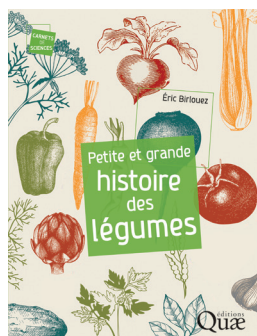


**P**ineapples come from Africa, dragon fruit (pitaya) from Vietnam, apples from Florida, lychees from Madagascar and avocados from Israel. Or so we think – but in fact, all these claims are false!

The fruits presented here thrive in tropical, subtropical and even warm temperate climates. Throughout these pages, readers will discover the history, unique details, and food and medicinal uses of these fruits. Tropical fruits have always been traded between tribes, between peoples, between countries. During the fifteenth century, this type of intercontinental trade increased during the European expeditions of exploration and colonisation.

As a result, major fruit species are now found all over the world: the avocado tree from Mexico is grown and appreciated across the globe, as are citrus fruits from the Himalayan foothills. But until a few decades ago, only fruits that could withstand long shipments by boat were sold outside their local production area. The banana was one of the first to be exported globally. The rise in air freight later made it easier to bring them to our shop shelves.

How many tropical fruits do you know? Ten, twenty, maybe thirty – likely those that are commonly found at your local market. While this book includes the most common ones, it also invites you on a journey to discover the origins and uses of many, many (over eighty) more!



**ALSO TO DISCOVER**

*A Small and Great History of Vegetables*  
By Eric Birlouez  
Collection: Carnets de sciences  
ISBN 978-2-7592-3196-6  
ref. 02742, €22

# Dans l'intimité des Papillons

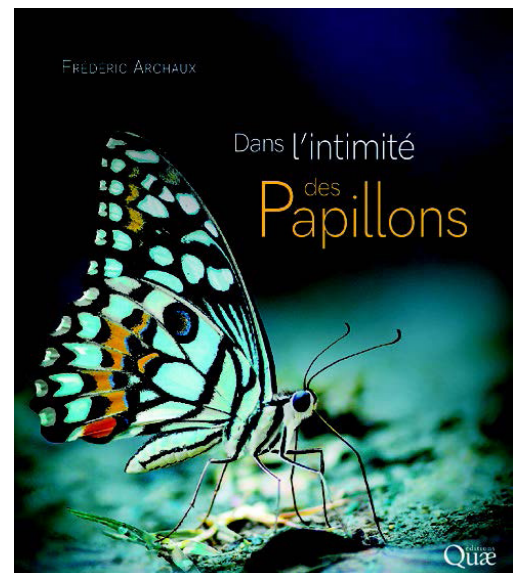
## *The Secret Life of Butterflies*

By Frédéric Archaux

A beautiful and extraordinarily well-illustrated book about the secret life of butterflies, their beauty and their amazing behaviour. Delve into the many facets of their secret lives...

- A book dedicated to all butterflies, both diurnal and nocturnal, around the world
- An exploration of all the aspects of butterfly biology, behaviour and ecology
- A fluid writing style
- Rich and beautiful iconography

ISBN 978-2-7592-3337-3  
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Colour  
Price: €25



Frédéric Archaux is a research engineer at INRAE in Nogent-sur-Vernisson, where he studies the response of forest biodiversity to human activities in managed forest landscapes. For nearly twenty years, birds and butterflies have been a key part of his research focus on nature conservation.

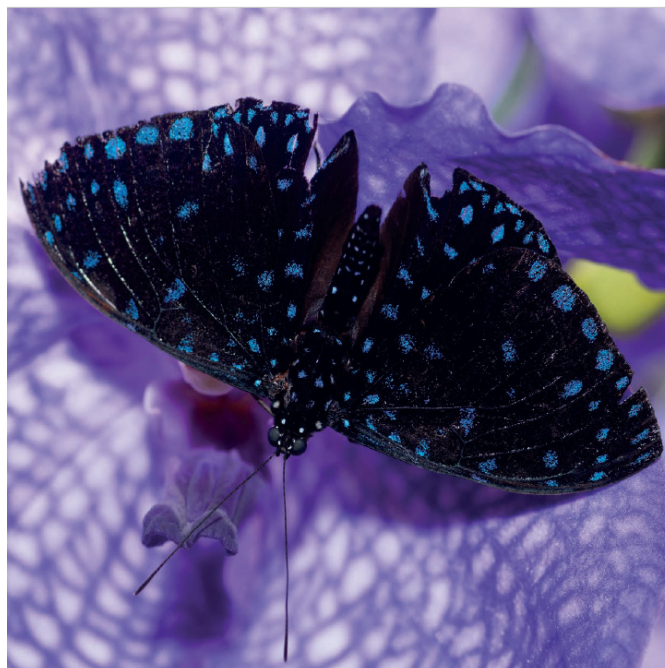


Who among us has never marvelled at the vibrant colours of the peacock butterfly as it gathers its food? While the poet sings of the beauty of the butterfly, the farmer and the gardener complain about the voracity of the caterpillars. But what do we really know about these creatures? Often, not that much!

Did you know that butterflies are older than the dinosaurs? Or even flowering plants? Did you also know that one in ten animals on Earth is a butterfly and that nine out of ten are active at night? Their brains can learn and memorise where to find the best nectars, and they have somewhat strange sensory organs: their eyes look like mirror balls and their antennae have ultra-powerful sensors.

When it comes to mating, colour, odour and even sound are important to these insects. The most impressive process is metamorphosis – how a plump caterpillar turns into an imago, the butterfly that finally emerges. It flutters off on its four wings to discover the world, covered in delicate scales that are part costume and part camouflage to attract partners and repel predators. Red and black means “beware, I’m toxic!” Can you imagine, as you watch a painted lady land on a lavender spike that, come night-time, it can fly fifty kilometres per hour at an altitude of upwards of a thousand metres?

Butterflies are one of the most brilliant of evolutionary success stories. However, they are not immune to the worrying trend of biodiversity losses. Reconsidering our relationship with nature would allow the meadows of yesteryear to flourish once again with butterflies.



PUBLICATION BY THE SAME AUTHOR

*Birds – Nature’s Sentinels*  
By Frédéric Archaux  
Collection: Beaux livres  
ISBN 978-2-7592-3230-7, ref. 02749, €26

# Fascinantes Araignées

## Fascinating Spiders

By Christine Rollard, Philippe Blanchot and Cédric Villani

This book for all nature-lovers takes readers on a journey through a silky universe populated by creatures of unsuspected diversity in terms of their appearance, hunting techniques, child-minding habits and capacity to produce the silk so coveted by biotechnologists. Spiders are formidable predators that ensure ecological balance and form an essential link in the food chain. Are they truly dangerous for humans?

With an approach that is both scientific and artistic, this finely illustrated work offers some truly beautiful portraits of spiders.

- An enthusiastic text that challenges our preconceived ideas by highlighting little-known characteristics of spiders
- Unusual photos that capture surprising behaviours
- Exceptional authors: Christine Rollard, aka “Madame Spider”, is a top French arachnology specialist, and Philippe Blanchot is a professional photographer and entomologist

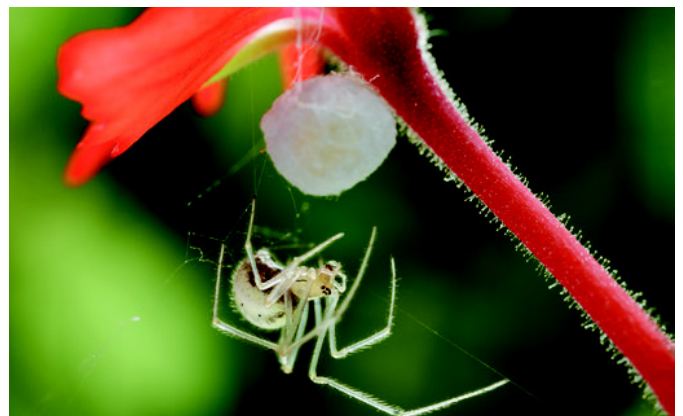
ISBN 978-2-7592-3369-4  
Language: French  
Collection: Beaux livres  
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Hardcover: 160 p.  
Format (in mm): 215 x 245  
Colour  
Price: €25



Christine Rollard is a specialist in spiders and a teacher-researcher at the National Museum of Natural History in Paris.

Philippe Blanchot is an entomologist and professional photographer. *Fascinating Spiders* is sure to completely change the way you see these fascinating animals. This book is a genuine homage to naturalist observation and is illustrated with original drawings by Estelle Villemin.

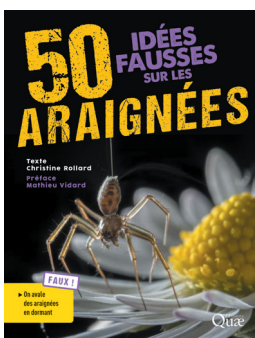
Preface by Cédric Villani.



**M**any spiders boast amazing colours. To camouflage themselves, some are able to change their colour to match the plants they sit on. To seduce potential mates, the males know how to get noticed: they sing, dance, emit a scent or proffer treats. Some smaller spiders can travel dozens of kilometres, while others prefer to run, jump or swim.

Christine Rollard shares many surprising facts about spiders: their anatomy, their extraordinary sensory capabilities, their hunting techniques and the way they take care of their young. As predators, spiders are indispensable to the ecological balance and form an essential link in the food chain. They are also a source of inspiration for biotechnology thanks to their ability to produce their coveted silk.

How are these animals perceived around the world? What powers and qualities are attributed to them in so many tales and legends around the world? This updated edition includes a chapter on biomimicry and the unexpected behaviour of certain species, with photos of remarkable webs along with key facts to help readers better understand these creatures.



PUBLICATION BY THE SAME AUTHOR

*Fifty Misconceptions about Spiders*  
Christine Rollard and Mathieu Vidard  
ISBN 978-2-7592-3239-0, ref. 02840, €23

# De l'œnologie à la viticulture

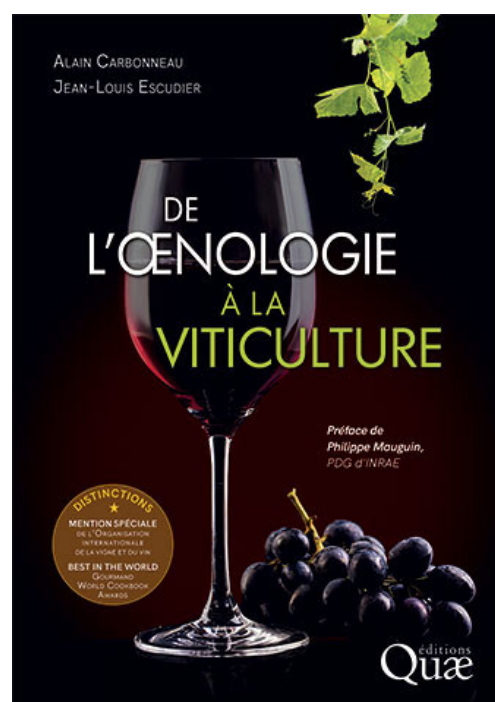
## *From Oenology to Viticulture*

By Alain Carbonneau, Jean-Louis Escudier. Foreword by Philippe Mauguin

This richly illustrated book provides a complete overview of viticulture and wine: winegrowing conditions, wine components and microbiology, winemaking methods and processes, wine bottling, the wine production sector in France, wine tasting and sensory analysis and other grapevine products. Special attention is paid to high-end products (e.g., Champagne, Cognac), wine and cooking, wine-producing countries, wine consumption in France and around the world, and the health benefits of wine.

- **Authors renowned for their expertise and involvement in the worldwide influence of French viticulture and oenology.**
- **A complete work: conditions and methods of grapevine cultivation, the composition and elaboration of wine, the wine industry, sensory wine tasting and more.**

ISBN 978-2-7592-3469-1  
Language: French  
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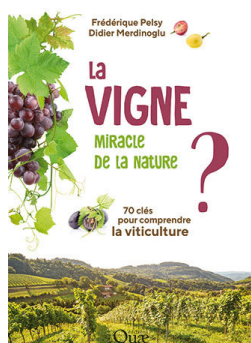
Alain Carbonneau is a specialist in ecophysiology and vine management and a professor of viticulture at Montpellier SupAgro. As the founder of the Institut des hautes études de la vigne et du vin (IHEV), he has created viticulture-oenology training courses and developed integrated research with INRAE's Pech Rouge experimental unit. He has written about innovations in vine management techniques, such as the lyre training system, and has chaired the GIESCO, a group of over 300 international experts, since 1980.

Jean-Louis Escudier was a researcher at INRAE's Pech Rouge unit. He was awarded a special engineering prize in 2007 for his work in oenology and technology related to quality improvement of wines and production diversification. Since then, he served as a member of various scientific committees within the wine industry and is now an expert for France at the International Organisation of Vine and Wine (OIV).

Foreword by Philippe Mauguin, CEO of INRAE

Today, the wine industry is organising itself by first determining the demand for wine and then by choosing practices adapted to the potential of the terroir. But the industry must now address profound market changes and the challenges of climate change. This book covers all the stages of winemaking, from the grapevine environment to the elaboration of wine itself as well as the tasting and health effects of wine. It touches on climates, soils, terroirs, grape varieties, vine health, growing methods, pruning, sustainable viticulture, official designations, vinification, wine composition, technical innovations, organoleptic qualities, research on polyphenols and aromas, and sensory tasting.

This well-illustrated book offers scientific explanations of the processes and shares the authors' comprehensive knowledge of all things wine. It is aimed at all readers interested in the world of wine, from winegrowers to oenologists and students.



ALSO TO DISCOVER

*The Grapevine: A Miracle of Nature? 70 Keys to Understanding Viticulture*  
Frédérique Pelsy and Didier Merdinoglu  
ISBN 978-2-7592-3331-1, ref. 02789, €19

# Collection: Misconceptions

## *Fifty Misconceptions about Spiders*

*Christine Rollard and Mathieu Vidard*

Spiders are very high on the list of the most unloved animals but they are largely misunderstood. This work dispels superstitions and myths about spiders with clear and accessible scientific explanations. Its fifty descriptions offer all nature-lovers an opportunity to better understand the fascinating world of spiders.

ISBN 978-2-7592-3239-0  
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Price: €23



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Language: French  
Quæ, 2022, ref. 02668  
Pages: 160 p.  
Format (in mm): 165 x 220  
Colour  
Price: €23

## *Fifty Misconceptions about Snakes*

*Françoise Serre Collet and Allain Bougrain Dubourg*

During her many travels, the author collected fifty misconceptions about snakes – those hated creatures that have fostered countless legends and continue to inspire extravagant myths. She counteracts these beliefs born of superstitions and ignorance with easy-to-understand scientific explanations and more than 150 photos showing the beauty of these creatures.



## *Fifty Misconceptions about Insects*

*Christophe Bouget*

Insects are the largest group of animals today. Through clear and easily understandable scientific explanations, the author deconstructs the many misconceptions about them, shedding light on a world that is as vulnerable and fascinating as it is unknown.



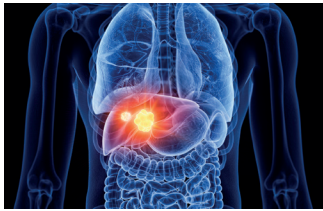
ISBN 978-2-7592-3488-2  
Language: French  
Quæ, 2022, ref. 02821  
Pages: 160 p.  
Format (in mm): 165 x 220  
Colour  
Price: €23







ISBN 978-2-7592-3666-4  
 Language: French  
 Quæ, 2023, ref. 02892  
 Pages: 144 p.  
 Format (in mm): 165 x 220  
 Colour  
 Price: €18.50



# Forty Misconceptions about Diets

Jean-Michel Lecerf and Allain Chaillot

What should we think about weight-loss diets, the countless elimination diets, medical diets, weight-gain diets or longevity diets?

The forty most common diets are put under close scientific and medical scrutiny to set the record straight on the many misconceptions surrounding them. Learn everything you need to know to make the right choices and eat a healthy, varied and tasty diet!!

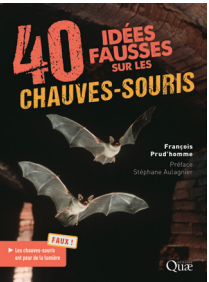
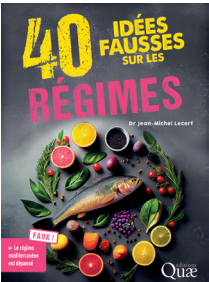
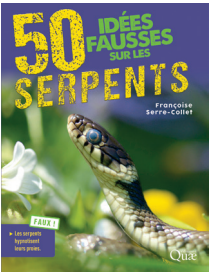
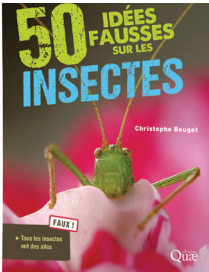
# Forty Misconceptions about Bats

François Prud'homme and Stéphane Aulagnier

A fun, educational book that dispels preconceived ideas about bats. Ancestral beliefs and legends about bats abound. But is there really any truth to them? These chiropterans often inspire repulsion or fascination, influenced by literary and pictorial works of the imagination. These discreet animals, sensitive to the beam of our lights, are often there even if we don't know it. Their presence is only revealed at night: a silhouette under the moonlight, a figure flitting around a lamp post. Catholic tradition considers them shameful creatures and symbols of heresy. But none of the obscure superstitions attached to them stand up to the light of knowledge! In this book, the author debunks forty misconceptions about bats using facts from the fields of biology, ecology, and the humanities - along with astute observations.



ISBN 978-2-7592-3741-8  
 Language: French  
 Quæ, 2022, ref. 02894  
 Pages: 144 p.  
 Format (in mm): 165 x 220  
 Colour  
 Price: €23



Books  
for scientists  
and professionals

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# Le mal du dehors

## L'influence de l'environnement sur la santé

*The Evil Outside*  
*The Influence of our Environment on Health*

By Rémy Slama



ISBN 978-2-7592-2699-3  
Language: French  
Quæ, 2022, ref. 02594  
Pages: 376 p.  
Format (in mm): 150 x 230  
Black and white  
Price: €22

This book provides the first comprehensive overview of environmental pollutants such as perchlorates, nonylphenols, ultraviolet rays, ozone, DDT and climate change and their effects on human health. Their health consequences, both visible and invisible, are brought sharply into focus. Specific examples of how the risks posed by some of these products are managed highlight the very different ways in which our society deals with health threats. Environmental factors may encompass all biotic or abiotic factors outside the body as well as those found inside the body but not originating from it. They can be of physical, chemical, social or biological nature (with the latter including infectious agents).

This book mainly deals with the two first types of environmental factors, and specifically their relation to human health. While this book adopts a clear anthropocentric perspective, environmental factors can also be defined with respect to any other species than *Homo sapiens*. Indeed, many environmental factors that affect human health are also noxious to other species. The definition of pollution is more restrictive and, in a way, more complex. Pollution refers to something that does not belong. It is defined as the introduction of factors causing harmful or adverse changes in an environment; it is a 'stain' and was originally used with regard to aquatic environments and later to the air. Pollution is sometimes visible, as when a smog thick with sulphur dioxide blanketed the city of London in December 1952, creating a darkness that obscured even the street lights, bringing road traffic and activities to a halt, sending tens of thousands of people to hospital, and killing thousands. Sometimes pollution is heard, like when an industrial accident struck at the Seveso plant near Milan in 1976. Airborne dioxin was released with immediate effects on livestock and wildlife, which were decimated. Meanwhile, the health consequences on humans only began to become apparent several decades later. Pollution is also felt, such as during the heat waves in Chicago in 1995, in Paris and all of Europe in August 2003, or in Moscow in the summer of 2010.

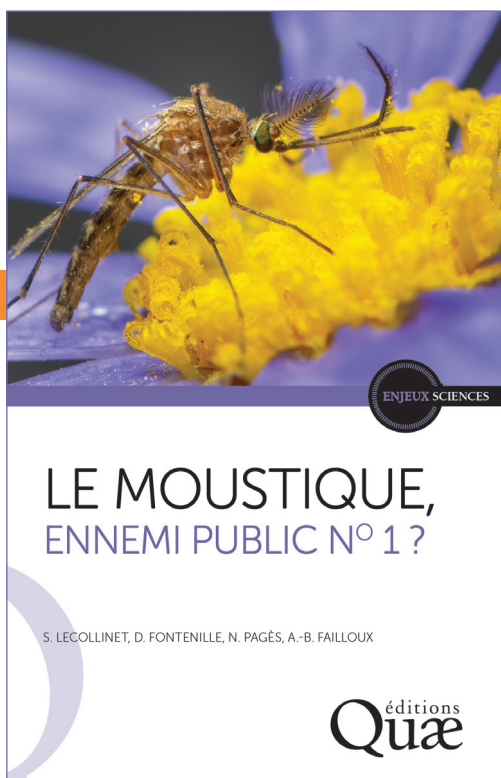
But pollution is very often invisible. This was the case in the early stages of the Minamata disease epidemic in Japan, when it was not known whether the rising numbers of neurological disorders were due to an infectious cause, alcohol or, as it turned out, contamination from industrial mercury derivatives of the fish and seafood consumed by the local population.

Rémy Slama is a research director at Inserm, where he heads up the environmental epidemiology team whose research focuses on reproduction and respiratory health.

# Le moustique, ennemi public n°1 ?

## *The Mosquito, Public Enemy Number 1*

By Sylvie Lecollinet, Didier Fontenille, Nonito Pagès, Anna-Bella Faillou



ISBN 978-2-7592-3597-1  
Language: French  
Quæ, 2022, ref. 02861  
Pages: 168 p.  
Format (in mm): 120 x 190  
Black and white  
Price: €18

Our daily lives and lifestyles are being changed and challenged by the invasive presence of mosquitoes and the pathogens they carry. Mosquitoes contribute to thousands of deaths every year around the world by transmitting various parasites and viruses responsible for diseases with familiar names, such as: malaria, dengue, Zika, and chikungunya. What many may not realize, however, is that mosquitoes also contribute to a balanced ecosystem: they are a source of food for many species and they help pollinate plants.

Their great morphological, biological, ecological and genetic diversity needs to be fully understood before solutions can be envisaged to better control their spread and outbreaks, and thus control the transmission of pathogens. Innovative and concerted strategies to combat these insects are being deployed in many countries to deal with this rapidly evolving threat.

This book, illustrated with numerous examples, is aimed at a wide readership, including students and teachers, and provides an overview of knowledge about mosquitoes and current control methods.

# Les virus marins

Simple parasites ou acteurs majeurs des écosystèmes aquatiques ?

*Marine Viruses*

*Simple Parasites or Major Players in Aquatic Ecosystems?*

By Stéphan Jacquet, Anne-Claire Baudoux, Yves Desdevises, Soizick F. Le Guyader



ISBN 978-2-7592-3526-1

Language: French

Quæ, 2023, ref. 02864

Pages: 110 p.

Format (in mm): 120 x 190

Black and white

Price: €18

Viruses continue to fascinate and frighten us because of their pathogenic impact on plants and animals. But they are major players in the ecosystem functioning of our seas and oceans. Viruses are the smallest, most abundant and most diverse biological entity known to date in the marine environment, where they perform multiple functions. Besides their role in cell mortality and the redistribution of matter, viruses are also a powerful vector of evolution of their hosts and represent a major source of genetic diversity, providing an abundance of discoveries for basic and applied research.

This book aims to highlight an invisible biological community that is essential for understanding and explaining how oceans function. The authors, experts in the ecology and evolution of aquatic virus-

es, show how viruses regulate microbial ecosystems at the base of ocean food chains, and how their action could, if necessary, have an impact on climate.

This book is intended for life and environmental science students, teachers, researchers and academics, as well as general readers who are interested in the subjects of viruses and oceans.


# Feux de végétation

## Comprendre leur diversité et leur évolution

*Wildfires – Understanding their Diversity and Development*

By Thomas Curt, Christelle Hély, Renaud Barbero, Jean-Luc Dupuy,  
Florent Mouillot and Julien Ruffault



ISBN 978-2-7592-3505-6  
Collection: Enjeux Sciences  
Language: French  
Quæ, 2022, ref. 02830  
Pages: 136 p.  
Format (in mm): 120 x 190  
Black and white  
Price: €17  
Open access e-book 



### FEUX DE VÉGÉTATION

COMPRENDRE LEUR DIVERSITÉ  
ET LEUR ÉVOLUTION

T. CURT, C. HÉLY,  
R. BARBERO, J.-L. DUPUY, F. MOUILLOT, J. RUFFAULT

éditions  
**Quæ**

Every year, wildfires throughout the world burn a surface area the size of Europe. This book summarises current knowledge on fire ecology and suggests landscape management solutions to reduce fire risk and preserve biodiversity.

#### TABLE OF CONTENTS

Introduction

What triggers wildfires?

The consequences of fire: good or bad?

Fire, a natural disturbance for thousands years

Climate change and landscape modifications:  
the impacts of fires

Solutions for better long-term wildfire management

Conclusion

# Les couleurs du vin - une palette exquisite

*The Colors of Wine - An Exquisite Palette*

By Bernard Valeur



ISBN 978-2-7592-3505-6  
Collection: Hors collection  
Language: French  
Quæ, 2023, ref. 02888  
Pages: 112 p.  
Format (in mm): 140 x 205  
Color  
Price: €19

Why is the colour range of wine so extensive, so subtle and sometimes surprising? Colours can range from orange to mahogany, brown, almost black and even blue! What pigments are responsible for these hues? How do you characterise the colour of a wine? What does it say about a wine's origin, age and history?

In this book, wine colour is explored in detail. It is impossible to understand the wide variety of wine colours without delving into the vast world of polyphenols - sometimes coloured, sometimes not - which are abundant in grapes and wine, and the chemical reactions in which they are involved. Anthocyanins, tannins and other phenolic compounds are involved in the extremely complex processes that govern colour.

From the fluorescence of wines to the influence of prior observation of the colour of a wine on the perception of its flavour and aromas, the effects of light on the colour and taste of wine, and the protection provided by tinted glass bottles, this book covers an array of rarely discussed topics.

This concise and detailed book is aimed at professionals and students in the wine industry, as well as wine lovers and the scientifically curious.

# La pêchécologie - Manifeste pour une pêche vraiment durable

*Ecological Fishing - a Manifesto for Truly Sustainable Fishing*

By Didier Gascuel



ISBN 978-2-7592-3631-2

Collection: Essais

Language: French

Quæ, 2023, ref. 02871

Pages: 96 p.

Format (in mm): 140 x 205

Black and white

Price: €15

In just a few decades, maritime fishing has caused significant damage, emptying the sea of important resources and deeply disrupting the functioning of marine ecosystems. Authorities consider it as the primary cause of marine biodiversity loss. However, it is possible to do things differently and reverse the trend to rebuild healthy, productive and resilient ecosystems. A new form of fishing must be created, one which strives to reconcile biodiversity preservation and sustainable exploitation of marine living resources. Ecological fishing - a form of agroecology applied to the ocean - aims to do just that. The book presents this new concept from an ecological, economic, social, cultural, ethical and societal perspective, providing concrete answers to make marine fishing truly sustainable.

In this essay, Didier Gascuel identifies the changes needed to break away from productivism and economic liberalism. It offers practical solutions to minimise the impact of fishing on ecosystems and maximise the social usefulness of the goods provided by nature. The book also demonstrates the urgent need for major changes in the face of disruptions caused by climate change, outlining the prospect of a more sustainable approach to fishing that serves human societies and coastal areas by putting people front and centre in tackling today's biggest natural challenges.

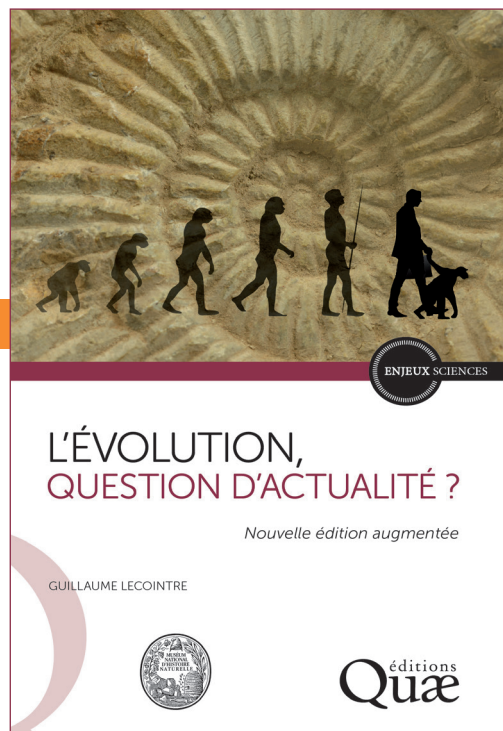
This book is intended for all sea lovers concerned about marine life, actors of maritime fisheries management, and anyone who wishes to reflect on the economic and social issues of ecological transition.



# L'évolution, question d'actualité ?

*Evolution in All its Forms*

By Guillaume Lecointre, Alain Chaillot



ISBN 978-2-7592-3672-5  
Collection: Enjeux sciences  
Language: French  
Quæ, 2023, ref. 02879  
Pages: 136 p.  
Format (in mm): 120 x 190  
Black and white  
Price: €12,50

The mechanisms of evolution are reviewed by a great museum specialist to explain in simple terms the way living organisms, individuals and society are organised today. The latest scientific discoveries and concrete examples illustrate the commentary. Evolution is the process by which living things change with each generation. While the subject has been touched on by a number of philosophers during antiquity and the European Enlightenment, it was not until the nineteenth century that the concept really emerged. Did humans invent evolution? Is nature "well made"? Can you learn to be a parent? Are fidelity, infidelity, homosexuality and infanticide just evolutionary nonsense? What do we pass on to the

next generation? Is society a super-organism? Can evolution be used to fight cancer? Do languages evolve? With our technological progress, have we not stopped evolving?

These are just some of the intriguing, and sometimes disturbing, questions that the author explores in a new and fascinating way, combining social issues with scientific discoveries.

## ABOUT THE AUTHOR

Guillaume Lecointre is a systematist, ichthyologist and professor at the French National Museum of Natural History, where he heads the Systematics and Evolution research department. He has been instrumental in training science teachers. He has published over 100 professional articles in international journals, a dozen books and more than 400 articles disseminating knowledge.

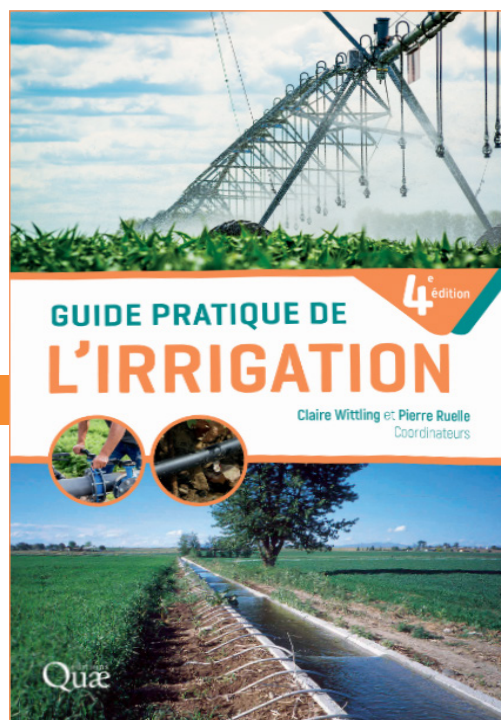
# Guide pratique de l'irrigation

## 4<sup>e</sup> édition

*A Practical Guide to Irrigation*

*4th edition*

By Claire Wittling and Pierre Ruelle



ISBN 978-2-7592-3245-1

4th edition

Language: French

Quæ, 2022, ref. 02759

Pages: 354 p.

Format (in mm): 160 x 240

Colour

Price: €39

This practical handbook provides basic knowledge of hydraulics, pumping plants and different irrigation techniques, and illustrates efficient water and energy use in irrigation. It also offers up-to-date analytics and decision-support tools for irrigation set-up and management.

Climate change and the transition to agroecology underscore the growing importance of prudent water use in agriculture. Irrigation is a subject of extensive debate regarding the enhancement of

its technological, agronomic, and environmental efficacy. It serves as a key strategy for adapting to and mitigating the impacts of climate change. To ensure that irrigation can truly fulfil this role while supporting sustainable aquatic ecosystems along with water and energy resources, we need a deeper understanding of the existing tools and equipment and how they are used.

The fourth edition of this practical guide expounds upon fundamental principles of hydraulics, pumping stations, various irrigation methods (such as sprinkler, localized, and surface irrigation), and showcases the water and energy efficiency associated with irrigation practices. It also offers contemporary analyses and decision-making aids for irrigation management and control, spanning from regional levels to individual plots.

In addition to the comprehensive information provided in this book, numerous references to digital content, such as hydraulic calculators and case studies, are also included. The book has been collaboratively produced under the auspices of the French Association for Water, Irrigation, and Drainage (Afeid), in close partnership with research and development organisations and technical institutes. Its intended audience comprises all stakeholders engaged in irrigation and water management, including farmers, development advisors, engineers, and technicians.

# L'immunité des plantes

## Pour des cultures résistantes aux maladies

*Plant Immunity  
For Disease-Resistant Crops*

By Christian Lannou, Dominique Roby, Virginie Ravigné, Mourad Hannachi and Benoît Moury



ISBN 978-2-7592-3233-8  
Collection: Savoir faire  
Language: French  
Quæ, 2021, ref. 02764  
Pages: 392 p.  
Format (in mm): 160 x 240  
Colour  
Price: €39  
Open access e-book 

Understanding how plant immunity works and deciphering the defences that plants use against pest attacks are essential to produce resistant varieties and reduce agriculture's dependence on pesticides. This book explains the fundamental concepts and is based on case studies that provide a comprehensive review of work conducted in the fields of biology, modelling and social sciences on plant immunity.

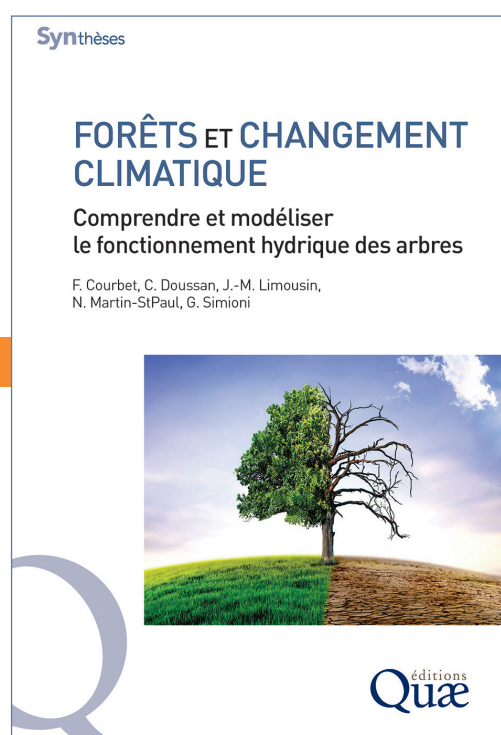
WINNER OF THE  
34TH ROBERVAL PRIZE,  
"HIGHER EDUCATION"  
CATEGORY.

# Forêts et changement climatique

## Comprendre et modéliser le fonctionnement hydrique des arbres

### *Forests and Climate Change* *Understanding and Modelling Tree Water Balance*

By François Courbet, Claude Doussan, Jean-Marc Limousin,  
Nicolas Martin-StPaul and Guillaume Simioni



ISBN 978-2-7592-3457-8  
Collection: Synthèses  
Language: French  
Quæ, 2022, ref. 02815  
Pages: 144 p.  
Format (in mm): 160 x 240  
Colour  
Price: €25  
Open access e-book 

In times of climate change, drought is a major risk for forests. This book presents basic knowledge about the water balance of trees, the observable indicators of the effects of drought, and forest management models. This pedagogical and abundantly illustrated book provides readers with all the knowledge they need to understand, observe and anticipate the effects of climate change on forests. It is an indispensable tool for students, teachers, forestry professionals, researchers, development and public policy stakeholders, and more.

#### ABOUT THE AUTHORS

François Courbet studies the dynamics of forestlands (regeneration, growth, production, mortality, etc.) at INRAE.

Claude Doussan conducts research for INRAE on water in the soil and its transfer from soil to plants.

Jean-Marc Limousin, a CNRS researcher, works on the functioning, vulnerability and acclimatisation of forests under climate change.

Nicolas Martin-StPaul, a researcher at INRAE, focuses on the response of trees and forests to drought.

Guillaume Simioni, also a researcher at INRAE, analyses the effect of climate on the carbon and water balance of forests.


# Qualité du café

## L'impact du traitement post-récolte

*Coffee Quality*  
*The Impact of Post-Harvest Processing*

By Michel Barel



ISBN 978-2-7592-3206-2  
Collection: Savoir faire  
Language: French  
Quæ, 2020, ref. 02746  
Pages: 112 p.  
Format (in mm): 160 x 240  
Colour  
Price: €30  
Open access e-book 

Coffee quality is a multifaceted characteristic that is determined during post-harvest processing. It is during this complex process that the distinctive qualities of each type of coffee emerge. The author shares his experience with growers, buyers, roasters and even consumers, and lifts the veil on the enigma of what makes coffee excellent. From the beginning of the harvest to the final stage of storage, every action taken by the coffee grower affects the entire spectrum of quality, but growers often remain unaware of the extent of their impact. This book meticulously dissects the actions that influence coffee value, enabling growers to make informed choices to satisfy customers.

This comprehensive guide serves as a compass for coffee buyers and roasters, enabling them to trace a coffee's history, rectify potential defects and establish solid specifications in collaboration with producers. It equips them with the knowledge they need to engage in fruitful conversations with suppliers, helping them to select the optimum quality and discern the desired aromas. It fosters a better appreciation and understanding of the complexity of coffee quality.

### ABOUT THE AUTHOR

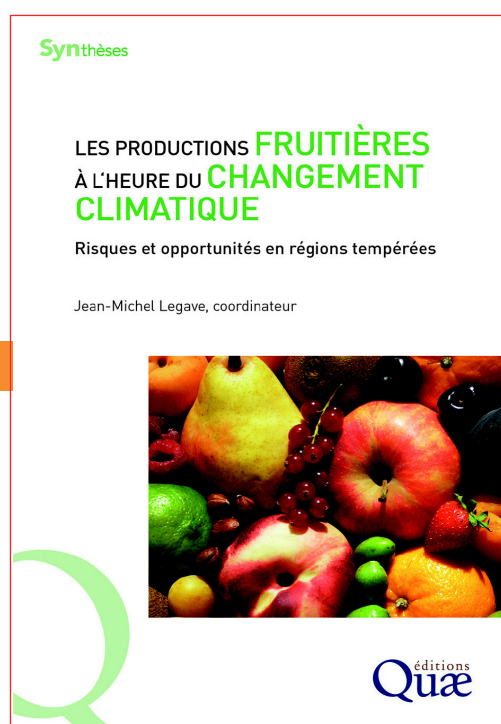
Michel Barel began his career as a biochemist, first at Kodak-Pathé, where he analysed silver-gelatin emulsions, then at Lesieur-Cotelle, where he explored oils, mayonnaise, margarine and other food products. In 1972, he joined the Institut de Recherches du Café et du Cacao (IRCC), which later became a division of the French Agricultural Research Centre for International Development (CIRAD).

# Les productions fruitières à l'heure du changement climatique

## Risques et opportunités en régions tempérées

### *Fruit Production in the Time of Climate Change Risks and Opportunities in Temperate Regions*

By Jean-Michel Legave



ISBN 978-2-7592-3251-2

Collection: Synthèses

Language: French

Quæ, 2022, ref. 02763

Pages: 464 p.

Format (in mm): 160 x 240

Colour

Price: €36

Open access e-book 

Fruit is an essential part of our diet. This book, written by a group of researchers and industry professionals, gathers knowledge on the challenges and possibilities for adapting the fruit sector to climate change.

Fruit production in temperate climates plays a pivotal role in our dietary habits, relying on a diverse array of crops often unique to regions with distinct climatic conditions. What impact will climate change have on the performance, diversity, and distribution of these

crops? Will these effects heighten the inherent vulnerabilities of fruit production while simultaneously creating opportunities for newfound vitality? What tools and strategies can be employed to anticipate the adaptation of fruit crops to climate change? How can climate adaptation align with economic competitiveness?

In pursuit of answers to these questions, this book presents an extensive panorama of knowledge encompassing climate trends and forecasts, as well as the ecophysiological and agronomic processes governing fruit plant production. An examination of potential or already documented climate change impacts across various production levels delineates the foreseeable challenges, particularly concerning phenology, water stress, fruit quality, and pest management. Furthermore, it explores diverse approaches likely to steer planned adaptations, drawing insights from initiatives already implemented in warmer climates.

Enriched with illustrations and authored by about forty experts, this book compiles scientific discoveries, data, tools, and viewpoints. It serves as a valuable resource for professionals, researchers, educators, and students invested in the future of fruit production, facilitating a deeper comprehension of the pertinent issues and potential avenues for adapting fruit production to the realities of climate change.

#### ABOUT THE AUTHOR

Agronomist Jean-Michel Legave was a director of research at INRAE. His research has focused on the knowledge and improvement of fruit production and, since 2000, the effects and anticipation of climate change.



# Une écologie de l'alimentation

## An Ecology of Food

By Nicolas Bricas, Damien Conaré, Marie Walser and Claude Fischler



ISBN 978-2-7592-3352-6

Language: French

Éditions Quæ, 2022, ref. 02796

Pages: 312 p.

Format (in mm): 160 x 240

Colour

Price: €21

Open access e-book 

“Food shapes our lives [...]. We may not be aware of its influence, but it is everywhere: even in the parts of our brain that can't stop wondering about the meaning of life. Food's effects are so ubiquitous that they can be hard to spot, which is why learning to see through the lens of food can be so revelatory. One perceives a remarkable connectivity: an energy that flows through our bodies and world, linking and animating everything as it goes.”

Carolyn Steel, Sitopia (2020)

Rethinking what we eat means rethinking our societies. Sharing a meal, and even shopping, are ways of connecting with others. The way we eat affects our health. Our agricultural production methods shape our landscapes and define our place in nature. Managing resources to produce, process and distribute food underpins our economies. Our registers of edibles, our cuisines and our food habits tell the story of our cultures. And last but not least, eating is a pleasure. It is by recognising all these dimensions as being of equal importance that this book tackles the contemporary issues surrounding food. The proposal for an ecology of food is rooted in both a science of relationships and a political commitment. Such an approach makes it possible to revisit, sometimes in unexpected ways, the watchwords of sustainable food. It also aims to nurture citizen, public and private initiatives to transform food systems. Part expert essay, part illustrated story of examples from around the world, this book is aimed at both professionals and the general public interested in sustainable food issues.

Anniversary publication  
of the UNESCO Chair  
on World Food Systems.



# Attachements et changement dans un monde en transformation

## *Attachment and Change in a World in Transformation*

By François Bousquet, Tara Quinn, Frédérique Jankowski, Raphaël Mathevet, Olivier Barreteau, Sandrine Dhénain, Andrés Di Masso and Audrey Richard-Ferroudji



ISBN 978-2-7592-3349-6

Language: French


Éditions Quæ, 2022, ref. 02795

Pages: 126 p.

Format (in mm): 150 x 230

Black and white

Price: €19

Open access e-book 

This book invites readers to consider the attachment and relationships involved in change in social and ecological systems. Attachment may indeed give people a feeling of safety, which can support transitions.

### TABLE OF CONTENTS

#### Preface

#### Introduction

The context: changing with the world • Identifying attachments to understand change • Does attachment restrict or promote change? • What affects relationships

#### Chapter 1. Studying texts on attachment and change

Foundations • Methods • The relationship between attachment and change • Lessons and outlook

#### Chapter 2. Assessing the diversity of attachment and change

Attachment to place and risk • Territory, attachment and otherness: freedom and diversity in the Camargue • Attachment and territory: lessons from Lake Guiers • Review of the diversity and complexity of attachments

#### Chapter 3. Analysing the dynamics of attachment and change through affective arrangements

Attachments as affective relationships • Affective arrangements • Affective relationships and change • Affective commitments: accompanying change • Review of theories of affects and affective arrangements

#### Conclusion

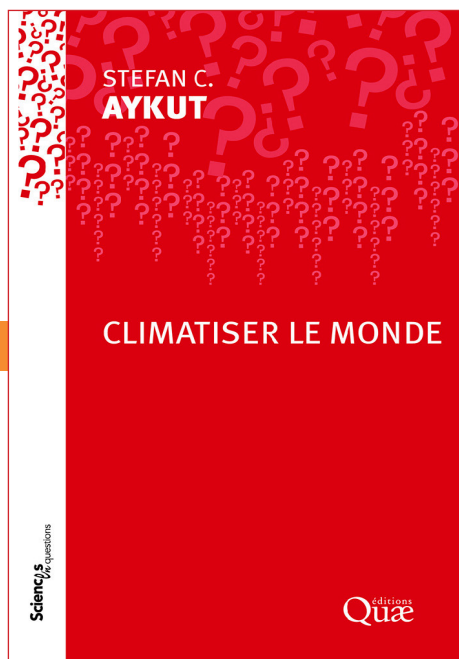
#### Postface. Dealing with multiple attachments




# Climatiser le monde

*Cooling the World*

By Stefan C. Aykut



ISBN 978-2-7592-3093-8  
Collection: Sciences en question  
Language: French  
Quæ, 2022, ref. 02716  
Pages: 82 p.  
Format (in mm): 120 x 190  
Black and white  
Price: €9.50  
Open access e-book 

This book looks at international climate negotiations and how they evolve. The author suggests that current changes stem from “climate globalisation” and the “cooling of the world”. After reviewing the history of global climate governance, he looks at the Paris Agreement signed in 2016 following COP 21. This agreement is based on mobilising all aspects of the global civil society, fuelling the phenomenon of world cooling and contributing to its recent acceleration. The author bases his arguments on two examples that are strongly affected by the rising attention given to climate issues: energy policies and soil science research.

## ABOUT THE AUTHOR

Stefan C. Aykut is an assistant professor of sociology at Universität Hamburg and Director of the Center for Sustainable Society Research (CSS). He received the Heinz Maier-Leibnitz Prize from the DFG–German Research Foundation in 2019.

# Sortir des crises – One Health en pratiques

## *Leaving crises behind – One Health in practice*

By Sébastien Gardon, Amandine Gautier, Gwenola Le Naour, Serge Morand and Jean-Luc Angot

### Sortir des crises

*One Health en pratiques*

*Sous la direction de*  
Sébastien Gardon, Amandine Gautier,  
Gwenola Le Naour et Serge Morand



éditions  
**Quæ**

ISBN 978-2-7592-3297-0

Language: French

Éditions Quæ, 2022, ref. 02780

Pages: 264 p.

Format (in mm): 160 x 240

Black and white

Price: €35

Drawing from numerous examples from the field, at the local and international levels, this book decompartmentalises health issues to identify new avenues for rethinking the connections between species, territories and the various interacting players.

One Health consists in highlighting the very strong interdependencies between human, animal and ecosystem health. Thanks to the collaboration of researchers and practitioners, this book decompartmentalises health issues and puts forward new ways to think about the connections between species, territories and the stakeholders who interact with them.

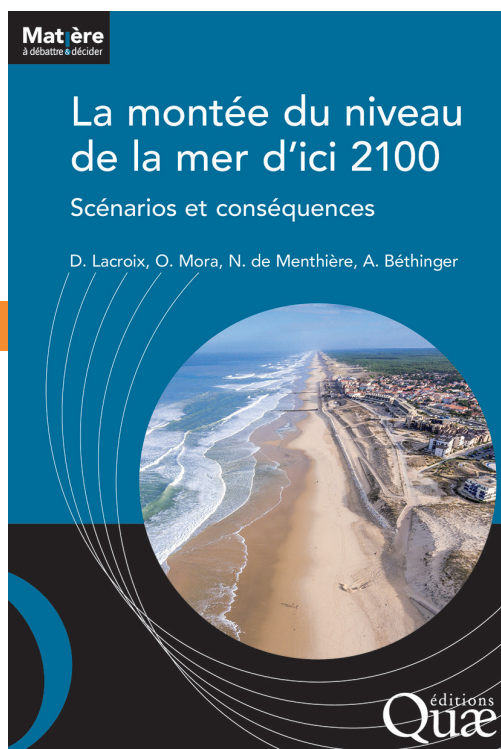
By bringing together several disciplines – philosophy, anthropology, political science, sociology, economics, geography, ecology, medical and veterinary sciences, and more - this book examines health issues in a globalised world, lessons from crisis management and innovations in health management based on social and community aspects. It also discusses standards and regulations at all political levels.

This book is aimed at professionals and students interested in public health issues, health crises and the One Health approach.

# La montée du niveau de la mer d'ici 2100

## Sea Level Rise by 2100 – Scenarios and Consequences

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Sea level rise is an unavoidable phenomenon that will affect coastal regions where large swaths of the world's population and economic activities are concentrated. Planning ahead for these risks is a major challenge for public policymakers as well as private stakeholders, who must come up with solutions to adapt and secure coastline zones. Based on the IPCC's key projections, this book explores the issues and consequences of several sea level rise scenarios by 2100.

### Part 1. Change scenarios

The physical contexts of sea level rise – The three types of scenarios (adaptation, denial and fragmentation): scenario narratives – Scenario positioning diagram

### Part 2. Territorial focus

New Aquitaine region – Netherlands – Vietnam

### Part 3. Potential consequences of the scenarios

For the environment – For agriculture and land use – For populations and urban planning – For the economy – For geopolitics

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