

## Yamama NACIRI

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### PERSONAL DATA

**Born:** 13 October 1964 (Rabat, Morocco)

**Languages:** French, English and Arabic

**Professional address :**

Conservatoire et Jardin botaniques

Lab. de Systématique Végétale et Biodiversité

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### HIGHER EDUCATION

- 2006** Swiss federal diploma of Apprenticeship Instructor
- 1987-1992** PhD in Quantitative Genetics, University Paris-Sud Orsay
- 1986-1987** DEA in 'Genetic Resources and Plant Genetic Improvement'  
Institut National Agronomique de Paris-Grignon and University Paris-Sud Orsay,
- 1984-1987** Diploma of Engineer in Agronomy, Institut National Agronomique de Paris-Grignon.
- 1982-1984** Classes préparatoires 'Math-Supérieur-Biologie' and 'Math-Spéciale-Biologie'.
- 1982** Baccalauréat Section C, Mention Bien

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### PROFESSIONAL EXPERIENCE

- 11-2015:** Curator (100%). Conservatoire & Jardin botaniques, Geneva (Switzerland). Head of the Systematics & Outreach Unit
- 02-2014:** Lecturer (15%). University of Geneva (Switzerland)
- 04-1999:** Research officer (70%). Conservatoire & Jardin botaniques, Geneva (Switzerland). Head of the molecular laboratory.
- 1998-1999:** Post-doctoral Research (Swiss NSF - Marie-Heim Vögtlin grant, ASFDU and Fondation du 450<sup>ème</sup> anniversaire de l'Université de Lausanne). Institut d'Ecologie. Lausanne University, Lausanne (Switzerland).
- 1997:** First assistant (60% position) IE-ZEA, Lausanne University, Lausanne (Switzerland).
- 1992-1996:** Scientific officer (CR1) at IFREMER (Institut Français de Recherche et d'Exploitation de la Mer), La Tremblade, Charentes Maritime (France)
- 1987-1988:** Teaching assistant at the Louis Pasteur Institute of Technology. Pasteur University, Strasbourg (France)

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### RESEARCH INTERESTS

- Plant phylogeography and diversification on different species (*Gentiana*, *Eryngium*, *Silene*, *Astronium*, *Geoffroea*) from various areas (Mediterranean area, European Alps, South America)
- Speciation patterns and processes (*Silene*, *Capurodendron*, *Zelkova*)
- Species delimitation and relationships (*Silene*, *Capurodendron*, *Zelkova*)
- DNA barcoding (*Acer*, *Salix*, *Gentiana*, *Lonicera*, *Geranium*, *Veronica*, *Adenostyles*)

My main research interests are related to evolutionary processes with a special focus on speciation and diversification processes both within and between species. I am for instance interested in the issues addressed by the use of molecular markers to recover species boundaries.

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## GRANTS IN SWITZERLAND (CHF)

•Swiss NSF (1 <sup>st</sup> applicant 2016-2017, <i>Capurodendron</i> project, SNF n° 31003A_166349)	192'900.-
•Fondation Schmidheiny (1 <sup>st</sup> applicant, <i>Capurodendron</i> project)	5'000.-
•Museum of Fribourg (associated applicant 2015, <i>Zelkova</i> Project)	4'800.-
•BioScope (associated applicant 2015-2018, Plant barcode Project)	22'000.-
•Société Académique de Genève, University of Geneva, Town of Geneva (2012, new sequencing machine)	156'000.-
•OFEV/FOEN (3 <sup>rd</sup> applicant 2012-2014, Swiss Barcoding of Life Project)	250'000.-
•Société Académique de Genève (2009, Barcode project)	6'000.-
•Swiss NSF (1 <sup>st</sup> applicant 2008-2010, Barcode project, SNF n° 31003A_120390)	162'000.-
•Fonds Lombard (2004-2005, South American project)	5'000.-
•Société Académique de Genève (2003, <i>Astronium</i> project)	5'800.-
•Swiss NSF (1 <sup>st</sup> applicant 2003-2007, South-America, SNF n° 31003A_100806)	216'000.-
•Swiss NSF (3 <sup>rd</sup> applicant 2000-2004, <i>Homo</i> project, SNF n° 3100_059375)	333'000.-
•Société Académique de Genève (2000 and 2001, <i>Eryngium</i> project)	17'500.-
•Fondation Claraz (2000, <i>Silene</i> Project)	8'500.-
•Société Suisse de Botanique (2000, <i>Eryngium</i> project)	4'000.-
•Swiss NSF (Marie-Heim Vöggtlin, 1998-2000, SNF n° 3234_055036)	124'000.-
•Association Suisse des Femmes diplômées des Universités (1998)	5'000.-
•Fondation du 450 <sup>ème</sup> anniversaire de l'Université de Lausanne (1998)	10'000.-

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## PROFESSIONAL AFFILIATIONS

Member of:

- Association genevoise des femmes diplômées des Universités (1997-)
- Société suisse de botanique (1999-)
- Société botanique de Genève (1999-)
- Société académique de Genève (2003-)
- Société suisse de systématique (2008-)
- Société de physique et d'histoire naturelle de Genève (2009-)
- AGEMEL (Association genevoise des métiers de laboratoire), membre du Comité (2011-)
- OPTIMA (Organisation for the Phyto-Taxonomic Inventory of the Mediterranean Area), membre du bureau international (2013-)
- European Society of Evolutionary Biology (2015-)

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## ACADEMIC SUPERVISIONS:

### Postdoc supervisions (4)

Carlos Boluda (2017-2019). University of Geneva. Species delimitation, phylogenomic diversity and niche modelling: implications for the conservation of Madagascar endemic group of valuable trees in the family Sapotaceae. Supervisors : Y. Naciri, L. Gautier

Zeynep Toprak (2015-2016). University of Dicle, Turkey. Species phylogeny and phylogeography of Mediterranean *Silene* using NGS technologies. Supervisor : Y. Naciri

Asli Koca (2011-2012). University of Ankara, Turkey. Phylogeography of *Paracaryum* species of Turkey. Supervisor : Y. Naciri

Sofia Caetano (2008-2010). University of Geneva. DNA barcoding in vascular plants: an approach using population genetics tools. Supervisor: Y. Naciri.

### PhD supervision (4)

Lucie Garnier (2016-2019). University of Geneva. Species delimitation, phylogenomic diversity and niche modelling: implications for the conservation of Madagascar endemic group of valuable trees in the family Sapotaceae. Supervisors : Y. Naciri, M. Hothorn.

Pierre-Emmanuel Du-Pasquier (2011-2016). University of Geneva. Etude taxonomique et phylogéographique du groupe *italica* du genre *Silene* (Caryophyllaceae) en Méditerranée orientale. Supervisors: Y. Naciri, D. Jeanmonod.

Sofia Caetano (2003-2008). University of Geneva. South American seasonally dry topical forests: are they current refuges or the result of long distance dispersal? Supervisors: Y. Naciri, R. Spichiger.

Sophie Launey (1994-1998). Institut National Agronomique Paris-Grignon. Marqueurs microsatellites chez l'Huître plate *Ostrea edulis*. Caractérisation et applications à un programme de sélection pour une résistance au parasite *Bonamia Ostreae*. Supervisors: Y. Naciri, J. Bougler.

#### **MSc student research project supervision (13)**

Marcele Do Valle (2017-2018). University of Geneva (with L. Gautier)

Rh a Garratt (2015-2016). University of Geneva (with L. Gautier & A. Lemann)

Sarah Humbert (2012-2013). University of Fribourg (with Christian Lexer)

Camille Christe (2009-2010). University of Geneva (with David Aeschmann & Sofia Caetano)

Loic Ducret (2007). University of Geneva (with Xavier Perret)

Rute Bucho (2002-2004). University of Geneva (with Estella Poloni)

Souleyman Gueye (2002-2004). University of Geneva (with Rodolphe Spichiger)

Jan Krause (2002-2004). University of Geneva (with Rodolphe Spichiger & Catherine Lambelet)

Patricia Silveira (2001-2003). University of Geneva (with Rodolphe Spichiger)

Carmen Grela (2001-2002). Lullier Engineer School of Geneva

Olivier Maurin (1999). Lullier Engineer School of Geneva

Nicolas Bierne (1996). University of Montpellier II (with Fran ois Bonhomme)

Yves Vigouroux (1994). University of Montpellier II (with Fran ois Bonhomme)

Jean-Marie Peignon (1992-1994). Practical School of Higher Studies, Montpellier

#### **Other students (13):**

Dani Cardoso (2016-2020). Apprenticeship as laboratory assistant, CEPTA Geneva

Luisa Carvalho (2015-2018). Apprenticeship as laboratory assistant, CEPTA Geneva

Camille Christe (2012). Scientific assistant, University of Fribourg (with Gregor Kozlowski)

Marianne Leuzinger (2012). Bachelor student, ETH Zurich (with Daniel Jeanmonod)

Florian Visentin (2008-2011). Apprenticeship as laboratory assistant, CEPTA Geneva

Stefanie Engel (2007-2008). Apprenticeship as laboratory assistant, CEPTA Geneva

Fadil Avdija (2005-2009). Apprenticeship as laboratory assistant, CEPTA Geneva

Philippe Busso (2001-2004). Apprenticeship as laboratory assistant, CEPTA Geneva

Fanny Cavat (2001-2002). Scientific assistant, Lullier Engineer School of Geneva

Karine H oll (1996). Technician diploma in Marine Sciences, Intechmer Cherbourg

Micka el Moreau (1995). Master in Biochemistry, University of Sciences of Poitiers

Fr d eric Leclerc (1995). Third year trainee of the Polytechnicum School of Paris

David Benha im (1993). Technician diploma in Marine Sciences, Intechmer Cherbourg

Karine Houdusse (1993). BTS-Lyc ee de la Vall ee de Chevreuse

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## **REFEREEING**

### **Research agencies**

- Fonds National de la Recherche Scientifique (Suisse)
- Bureau des Ressources G en tiques (France)
- Institut Fran ais de Recherche et d'Exploitation de la MER (France)

### **National and International Journals**

*American Journal of Botany*, *Annales Botanici Fennici*, *Annals of Botany*, *Aquaculture*, *Aquatic Living Resources*, *Biology*, *Botanica Helvetica*, *Botanical Journal of the Linnean Society*, *Botany*, *Candollea*, *Conservation Genetics Resources*, *Flora*, *Forest Ecology and Management*, *International Journal of Molecular Sciences*, *Journal of Biogeography*, *Molecular Ecology*, *Molecular Phylogenetics and Evolution*, *Nordic Journal of Botany*, *Plant Genetic Resources*, *Plant Systematics and Evolution*, *Plant Biology*, *PhytoKeys*, *PLoS One*, *Turkish Journal of Agriculture and Forestry*

### Jurys and thesis committees

- Céline van de Paer (2017) - Jury at the University Paul Sabatier, Toulouse, France
- Selection commission for a lecturer position at the MNHN, Paris, France (2017)
- Romain Fossou (2015-2017) - Member of the thesis committee
- Zeynep Aydin (2014) - Jury at the Université of Göteborg, Sweden
- Nicole Weyeneth (2010) - Jury at the Université of Genève, Switzerland
- Myriam Gaudeul (2002) - Jury at the Université Paris-Sud Orsay, France

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### COURSES AND LECTURES

Since 2016	'Floristique' (14B033). University of Geneva 'Advanced studies in Systematics' (14B013). University of Geneva.
Since 2012	'Plant Speciation & Diversification: Contributions of Population Genetics' in <i>Molecular Plant Sciences</i> (14B035A). University of Geneva.
Since 2011	<i>Applied statistics for biologists</i> (14B951) University of Geneva
Since 2010	'Plant Intraspecific Diversity' and 'Phylogeography' In <i>Biodiversity</i> (14B005). University of Geneva. 'DNA Barcoding in Land Plants'. In <i>Systematics</i> (14B013). University of Geneva.
2004-2008	'Chloroplast Markers and Plants Phylogeography' (14B637). In <i>Molecular Population Genetics</i> . (University of Geneva (every two years).
2000	'Introduction to Quantitative Genetics'. In <i>Molecular Population Genetics</i> . University of Geneva.
1996-1999	Quantitative Genetics and Selection. MSc ' <i>Evolution and Ecology</i> ' of Montpellier II University.
1995-1996	Quantitative Genetics. MSc ' <i>Organisms and Population Biology</i> ' La Rochelle University.
1994-1995	Population Genetics. Undergraduate level, La Rochelle University.
1987-1991	Genetics and Plant Improvement. IUT Louis Pasteur, Strasbourg

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### OUTREACH ACTIVITIES

2017-2018	Co-curator of the exhibition ' <i>The many lives of herbaria</i> ' with Laurent Gautier, in the 'Cabinet de Curiosités' at the CJBG (29 March 2017-31 December 2018).
Since 2017	In charge of the social network of the Conservatoire & Jardin botaniques de la ville de Genève together with Louis Nusbaumer and Camille Christe.
May 2017	Participation to the Lemman Bleu television documentary <i>Genève Grandeur Nature</i> <a href="http://www.lemmanbleu.ch/replay/video.html?Videoid=32445">http://www.lemmanbleu.ch/replay/video.html?Videoid=32445</a>
2017	Participation to the exhibition ' <i>Images de Science</i> ' of the Science History Museum of Geneva with a film posted on You-Tube. <a href="https://www.youtube.com/watch?v=jrufSFKbbXs">https://www.youtube.com/watch?v=jrufSFKbbXs</a>
2016	In charge of the CJBG stand for the 2016 edition of ' <i>La Nuit de la science: Les règles du jeu</i> ' in collaboration with the <i>BioScope</i> (University of Geneva)
2016	<i>La nuit magique des Musées</i> . Performance 'La Musique des plantes: venez écouter les plantes chanter'
2015-2018	Implementation of a crowdsourcing based platform <i>CodeMyPlant</i> for undergraduate students on plant DNA barcoding, in collaboration with the <i>BioScope</i> (University of Geneva)
2014-2015	Development of a didactic game ' <i>Trivial Evolution : les Plantes</i> ' in collaboration with <i>BiOutils</i> (University of Geneva) and l'Ecole de l'ADN (Nîmes, France)
2014-2015	Implementation of didactic panels in the garden following several species identification in the living collections using molecular markers

- 2012-2015** *Fascination of Plant Day* (2012-2015) in collaboration with the Plant Biology Department of the University of Geneva
- 2012** Participation to the event '*Fête des Herbiers*'
- 2012** Participation to the event '*Nuits de la Science*'
- Since 2008** Annual guided visits for the programme '*Variations botaniques*'
- Since 2000** Regular publication of outreach articles in various journals (*Feuille Verte, Saussurea, La Murithienne, Mémoires de la Société botanique de Genève*)
- Since 1999** Annual workshop for children on DNA and plant cells for the CJB programme *Ateliers verts*.
- Since 1989** Presentation of 57 conferences and 32 posters at different national and international scientific congresses

1. Du Pasquier P.-E., Jeanmonod D. & Naciri Y. (2017). Morphological convergence within recently diversified *Silene gigantea* complex (Caryophyllaceae) in the Balkan Peninsula and SW Turkey, with the description of a new subspecies. *Botanical Journal of the Linnean Society*, **183**: 474-493.
2. Naciri Y., Du Pasquier P.-E., Lundberg M., Jeanmonod D. & Oxelman B. (2017). A phylogenetic circumscription of the *Silene* section *Siphonomorpha* (Caryophyllaceae) in the Mediterranean Basin. *Taxon*, **66**: 91-108.
3. Caetano Wyler S. & Naciri Y. (2016). Evolutionary histories determine the DNA barcoding success in vascular plants: seven case studies using intraspecific broad sampling of closely related species. *BMC Evolutionary Biology*. **16**:103. Doi: 10.1186/s12862-016-0678-0
4. Naciri Y., Linder P. (2015). Species identification and delimitation: the dance of the seven veils. *Taxon*, **64**: 3-16.
5. Leuzinger M., Naciri Y., Du Pasquier P.-E. & Jeanmonod D. (2015). Molecular diversity, phylogeography and genetic relationships of the *Silene paradoxa* group of section *Siphonomorpha* (Caryophyllaceae). *Plant Systematics and Evolution*, **301**(1): 265-278.
6. Jeanmonod D., Naciri Y., Schlüssel A. & Gamisans J. (2015) Floristic analyses of the Corsican flora: biogeographical origin and endemism. *Candollea*, **70**: 21-41.
7. Andriollo T., Naciri Y. & Ruedi M (2015). Two Mitochondrial Barcodes for one Biological Species: The Case of European Kuhl's Pipistrelles (Chiroptera). *PLoS One*. **10**(8):e0134881.
8. Du Pasquier P.E., Naciri Y. & Jeanmonod D. (2015) Morphological investigation of the *Silene gigantea* complex (Caryophyllaceae) across the Balkan Peninsula, S-W Turkey and Cyprus Island. *Plant Systematics and Evolution*. **301**:2025-2042. Doi :10.1007/s00606-015-1215-0.
9. Armstrong K., Stone G., Nicholls J., Valderrama-Escallon E., Anderberg A., Smedmark J., Gautier L., Naciri Y., Milne R. & Richardson J.E. (2014) Patterns of diversification amongst tropical regions compared: a case study in *Sapotaceae*. *Frontiers in Genetics*, **5**: 362.
10. Christe C., Kozłowski G., Frey D., Bétrisey S., Maharramova E., Garfi G., Pirintsos S. & Naciri Y. (2014). Footprints of past intensive diversification and structuring for the genus *Zelkova* (*Ulmaceae*) in south-western Eurasia. *Journal of Biogeography*, **41**: 1081-1093.
11. Christe, C., G. Kozłowski, D. Frey, L. Fazan, S. Bétrisey, S. Pirintsos, J. Gratzfeld & Naciri Y. (2014). Do living ex situ collections capture the genetic variation of wild populations?: a molecular analysis of two relict tree species: *Zelkova abelica* and *Zelkova carpinifolia*. *Biodiversity & Conservation*, **23**: 2945-2959.
12. Christe C., Caetano S., Aeschmann D., Kropf M., Diadema K., Naciri Y. (2014). The intraspecific genetic variability of siliceous and calcareous *Gentiana* species is shaped by contrasting demographic and re-colonization processes. *Molecular Phylogenetics and Evolution*, **70**: 323-336.
13. Gautier L., Naciri Y., Anderberg A.A., Smedmark J.E.E., Randrianaivo R., & Swenson U. (2013). A new species, a new genus and a new tribe of *Sapotaceae*, endemic to Madagascar. *Taxon*, **62**: 972-983.
14. Caetano S., Currat M., Prado D., Pennington R.T., Excoffier L. & Naciri Y. (2012). Recent colonization of the Galapagos by the tree *Geoffroea spinosa* Jacq. (Leguminosae). *Molecular Ecology*, **21**: 2743-2760.
15. Naciri Y., Caetano S. & Salamin N. (2012). Plant DNA Barcodes and the influence of gene flow. *Molecular Ecology Resources*, **12**: 575-580.
16. Naciri Y., Cavat F. & Jeanmonod D. (2010). *Silene patula* (Siphonomorpha, Caryophyllaceae) in North Africa: A test of colonisation routes using chloroplast markers. *Molecular Phylogenetics and Evolution*, **54**: 922-932.
17. Naciri Y. & Manen J.-F. (2010). Potential transfer from the chloroplast to the nuclear (NuPt) in *Eryngium alpinum* L. (Apiaceae). *Molecular Ecology Resources*, **10**: 728-731.

18. Lang A. & Naciri Y. (2010). New chloroplast primers for intraspecific variation in *Dicranum scoparium* Hedw. and amplification success in other bryophyte species. *Molecular Ecology Resources*, **10**: 735-737.
19. Manen J.F., Barriera G., Loizeau P.A. & Naciri Y. (2010). The history of extant *Ilex* species (Aquifoliaceae): evidence of hybridization within a Miocene radiation. *Molecular Phylogenetics and Evolution*, **57**: 961-977.
20. Poloni E.S., Naciri Y., Bucho R., Niba R., Kervaire B., Excoffier L., Langaney A., Sanchez-Mazas A (2009). Genetic evidence for complexity in ethnic differentiation and history in East Africa. *Annals of Human Genetics*. **73**: 582-600.
21. Truong C., Naciri Y., and Clerc P. (2009). Multivariate analyses of anatomical characters confirm the differentiation of two morphological close species, *Melanohalea olivacea* (L.) O. Blanco *et al.* and *M. septentrionalis* (Lynge) O. Blanco *et al.* *The Lichenologist*, **41**: 649-661.
22. Caetano S., Nusbaumer L. & Naciri Y. (2008a). Chloroplast and microsatellite markers in *Astronium urundeuva* and close species (Anacardiaceae): Toward the definition of a species complex? *Candollea*, **63**:131-140.
23. Caetano S., Prado D., Pennington R.T., Beck S., Oliveira-Filho A., Spichiger R. & Naciri Y. (2008b). The history of Seasonally Dry Tropical Forest in eastern South America: inferences from the genetic structure of the tree *Astronium urundeuva* (Anacardiaceae) *Molecular Ecology*, **17**:3147-3159.
24. Hedgecock D., Launey S., Pudovkin A.I., Naciri Y., Lapègue S., Bonhomme F. (2007). Small effective number of parents (*N<sub>b</sub>*) inferred for a naturally settled cohort of the juvenile European flat oyster *Ostrea edulis*. *Marine Biology*, **150**: 1173-1182.
25. Mayor R., Naciri Y. (2007). Identification and characterization of eight microsatellite loci in *Aster amellus* L. (Asteraceae). *Molecular Ecology Notes*, **7**: 233-235.
26. Naciri Y. & Gaudeul M. (2007). Phylogeography of the endangered *Eryngium alpinum* L. (Apiaceae), in the European Alps. *Molecular Ecology*, **16**: 2721-2733.
27. Landergott U., Naciri Y., Schneller J.J. & Holderegger R. (2006). Allelic configuration and polysomic inheritance of highly variable microsatellites in Tetraploid gynodioecious *Thymus praecox* agg. *Theoretical and Applied Genetics*, **113**: 453-465.
28. Caetano S., Silveira P., Spichiger R. & Naciri-Graven Y. (2005). Identification of microsatellite markers in a Neotropical Seasonally Dry Forest tree, *Astronium urundeuva* (Anacardiaceae). *Molecular Ecology Notes*, **5**: 21-23.
29. Truong C., Palmé A., Felber F. & Naciri-Graven Y. (2005). Isolation and characterization of microsatellite markers in the tetraploid birch *Betula pubescens* subsp. *tortuosa*. *Molecular Ecology Notes*, **5**: 96-98.
30. Naciri-Graven Y., Caetano S., Prado D., Pennington T. & Spichiger R. (2005). Development and characterization of 11 microsatellite markers in a widespread Neotropical seasonally dry forest tree species, *Geoffroea spinosa* Jacq. (Leguminosae). *Molecular Ecology Notes*, **5**: 542-545.
31. Kobayashi H., Naciri-Graven Y., Broughton W.J., Perret X. (2004). Flavonoids induced temporal shifts in gene-expression of *nod*-box controlled loci in *Rhizobium* sp. NGR234. *Molecular Microbiology* **51**: 335-347.
32. Oppliger A., Naciri-Graven Y., Ribi G. & Hosken D. (2003). Sperm length influences fertilization success during sperm competition in the snail *Viviparus ater*. *Molecular Ecology* **12**: 485-492.
33. Naciri-Graven Y. & Goudet J., (2003). The additive variance after population bottlenecks is affected by the number of loci involved in epistatic interactions. *Evolution*, **57**: 706-716.
34. Garnier-Géré P., Naciri-Graven Y., Bougrier B., Magoulas A., Héral M., Kotoulas G., Hawkins A. J. S. & Gérard A., (2002) Influences of triploidy, parentage and genetic diversity on growth of the Pacific oyster *Crassostrea gigas* reared in contrasting natural environments. *Molecular Ecology* **11**: 1499-1514.
35. Gaudeul M., Naciri-Graven Y. Gauthier P. & Pompanon F. (2002). Isolation and characterization of microsatellite markers in a perennial Apiaceae, *Eryngium alpinum* L. *Molecular Ecology Notes*, **2**: 107-109.

36. Launey S., Ledu C., Boudry P., Bonhomme F. & Naciri-Graven Y. (2002). Geographic structure in the flat oyster *Ostrea edulis* as revealed by microsatellite polymorphism L. *Journal of Heredity*, **93**: 40-47
37. Manen J.-F., Boulter M., Naciri-Graven Y. (2002). The complex history of the genus *Ilex* L. (Aquifoliaceae): evidence from the comparison of plastid and nuclear DNA sequences and from fossil data. *Plant Syst. Evol.*, **235**: 79-98.
38. Launey S., Barré M., Gérard A. & Naciri-Graven Y. (2001). Population bottleneck and effective size in *Bonamia ostreae*-resistant populations of *Ostrea edulis* as inferred by microsatellite markers. *Genetical Research*, **78**: 259-270.
39. Naciri-Graven Y., Launey S., Lebayon N. & Baud J.-P. (2000). Influence of parentage upon growth in *Ostrea edulis*: evidence for inbreeding depression. *Genetical Research*. **76**: 159-168
40. Hawkins A.J.S., Magoulas A., Héral M., Bougrier S., Naciri-Graven Y., Day A.J. & Kotoulas G. (2000). Separate effects of triploidy, parentage and genomic diversity upon feeding behaviour and growth efficiency in the Pacific oyster *Crassostrea gigas*. *Genetical Research*, **76**: 273-284.
41. Magoulas A., Kotoulas G., Gérard A., Naciri-Graven Y., Dermitzakis E. & Hawkins A.J.S. (2000). Comparison of genetic variability and parentage in different ploidy classes of the Japanese oyster *Crassostrea gigas*. *Genetical Research*, **76**: 261-272.
42. Naciri-Graven Y., Haure J., Gérard A. & Baud J.-P. (1999). Comparative growth of *Bonamia* resistant and wild flat oysters, *Ostrea edulis*, in an intensive system. II. Second year of experiment. *Aquaculture* **171**: 195-208.
43. Gérard A., Ledu C., Phélipot P. & Naciri-Graven Y. (1999). The induction of MI and MII triploids in the Pacific oyster *Crassostrea gigas* with 6-DMAP or CB. *Aquaculture* **174**: 229-242.
44. Naciri-Graven Y., Martin A.-G., Baud J.-P., Renault T. & Gérard A. (1998). Selecting the flat oyster *Ostrea edulis* for survival when infected with the parasite *Bonamia ostreae*. *Journal of Experimental Marine Biology and Ecology*, **224**: 91-107.
45. Bierne N., Launey S., Naciri-Graven Y. & Bonhomme F. (1998). Early effect of inbreeding as revealed by microsatellite analyses on *Ostrea edulis* larvae. *Genetics* **148**: 1893-1906.
46. Baud J.-P., Gérard A. & Naciri-Graven Y. (1997). Comparative growth and mortality of *Bonamia ostreae*-resistant and wild flat oysters, *Ostrea edulis*, in an intensive system. I. First year of experiment. *Marine Biology*, **130**: 71-79.
47. Peignon J.-M., Gérard A., Naciri Y., Ledu C. & Phélipot P. (1995). Analyse du déterminisme de la coloration et de l'ornementation chez la palourde japonaise *Ruditapes philippinarum*. *Aquatic Living Resources*, **8**: 181-189.
48. Naciri Y., Vigouroux Y., Dallas J., Desmarais E., Delsert C. & Bonhomme F. (1995). Identification and inheritance of (GA/TC)<sub>n</sub> and (AC/GT)<sub>n</sub> repeats in the European flat oyster *Ostrea edulis* (L.). *Molecular Marine Biology and Biotechnology*, **4**: 83-87.
49. Gérard A., Naciri Y., Noiret C., Ledu C., Peignon J.-M. & Phélipot P. (1994a). Induced triploidy in the European clam *Ruditapes decussatus* (L.) and performance of triploid larvae. *Aquaculture and Fisheries Management*, **25**: 769-779.
50. Gérard A., Naciri Y., Peignon J.-M., Ledu C. & Phélipot P. (1994b). Optimization of triploid induction by the use of 6-DMAP for the oyster *Crassostrea gigas* (Thunberg). *Aquaculture and Fisheries Management*, **25**: 709-720.
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