

## Liste de publications et travaux scientifiques

- Articles scientifiques indexés avec comité de lecture (n=75)

\* Egale contribution

- 17-3) Aghova, T., Kimura, Y., Bryja, J., Dobigny, G., Granjon, L. & Kergoat, 2017.  
Fossils know it best: using a new set of fossil calibrations to improve the temporal framework of murid rodents (Rodentia: Myomorpha: Muroidea: Muridae).  
**BioRxiv**, doi:<https://doi.org/10.1101/180398> (submitted to Molecular Phylogenetics and Evolution).
- 17-2) Rossi, J. P., Kadaouré, I., Godefroid, M. & Dobigny, G., 2017.  
Landscape epidemiology in urban environments: the example of rodent-borne Trypanosoma in Niamey, Niger.  
**Infection, Genetics and Evolution**, sous presse.
- 17-1) Tatard, C., Garba, M., Gauthier, P., Hima, K., Artige, E., Dossou H.J., Gagaré, S., Genson, G., Truc, P. & Dobigny, G., 2017.  
Rodent-borne *Trypanosoma* from cities and villages of Niger and Nigeria: a special role for the invasive genus *Rattus*?  
**Acta Tropica**, 17 : 151-158.
- 16-2) Ndiaye, A., Chevret, P., Dobigny, G. & Granjon, L., 2016.  
Evolutionary systematics and biogeography of the arid-adapted rodent genus *Gerbillus* (Rodentia, Muridae): a mostly Plio-Pleistocene African history. **Journal of Zoological Systematics and Evolutionary Research**, 54(4) : 299-317.
- 16-1) Berthier, K., Garba, M., Leblois, R., Navascuès, M., Tatard, C., Gauthier, P., Gagaré S., Piry, S., Brouat, C., Dalecky, A., Loiseau, A. & Dobigny G., 2016.  
Black rat invasion of inland Sahel: insights from interviews and population genetics in South Western Niger. **Biological Journal of the Linnean Society**, 119 748-765.
- 15-3) Nie, W., O'Brien, P.C.M., Fu, B., Wang, J., He, K., Bed'Hom, B., Volobouev, V., Ferguson-Smith, M.A., Dobigny, G. & Yang, F., 2015.  
Multidirectional chromosome painting substantiates the occurrence of extensive genomic reshuffling within Accipitriformes. **BMC Evolutionary Biology**, 15 : e205.doi: 10.1186/s12862-015-0484-0.
- 15-2) Dobigny, G., Garba, M., Tatard, C., Loiseau, A., Galan, M., Kadaouré, I., Rossi, J.P., Picardeau, M. & Bertherat, E., 2015.  
Urban market gardening and rodent-borne pathogenic *Leptospira* in arid zones: a case study in Niamey, Niger. **PLoS Tropical Neglected Diseases**, 9(10) : e0004097.
- 15-1) Dobigny, G., Britton-Davidian, J. & Robinson, T.J., 2015.  
Chromosomal polymorphism in mammals: an evolutionary perspective. **Biological Reviews**, doi: 10.1111/brv.12213.
- 14-4) Garba, M., Dalecky, A., Kadaouré, I., Kane, M., Hima, K., Véran, S., Gagaré, S., Gauthier, P., Tatard, C., Rossi, J.P. & Dobigny, G., 2014.  
Spatial segregation between invasive and native commensal rodents in an urban environment: a case study in Niamey, Niger. **PLoS ONE**, 9(11) : e110666.doi:10.1371/journal.pone.011666.

- 14-3) Ndiaye, A., Hima, K., Dobigny, G., Sow, A., Dalecky, A., Bâ, K., Thiam M. & Granjon, L., 2014. Integrative study of a poorly known Sahelian rodent species, *Gerbillus nancillus* (Rodentia, Gerbillinae). **Zoologischer Anzeiger**, 253 : 430-439.
- 14-2) Garba, M., Kane, M., Gagaré, S., Kadaouré, I., Sidikou, R., Rossi, J.P. & Dobigny, G., 2013. Local perception of rodent-associated problems in Sahelian urban areas: a survey in Niamey, Niger. **Urban Ecosystems**, 17(2) : 572-584.
- 14-1) Garba, M. & Dobigny, G., 2014. Reproduction in urban commensal rodents: the case of *Mastomys natalensis* from Niamey, Niger. **Mammalia**, 78(2) : 185-189.
- 13-6) Dobigny, G., Tatard, C., Gauthier, P., Ba, K., Duplantier, J.M., Granjon, L. & Kergoat, G.J., 2013. Mitochondrial and nuclear genes-based phylogeography of *Arvicanthis niloticus* (Murinae) and Sub-Saharan open habitats Pleistocene history. **PLoS ONE**, 8 : e77815 (doi:10.1371/journal.pone.0077815).
- 13-5) Diouf, M., Amidi, D.C., Quilichini, Y., Dobigny, G., Garba, M. & Marchand, B., 2013. *Pterygodermatites (Mesopectines) niameyensis n. sp.* (Nematoda, Rictulariidae), a parasite of *Mastomys natalensis* (Smith, 1834) (Rodentia, Muridae) from Niger. **Journal of Parasitology**, 99(6) : 1034-1039.
- 13-4) Mercier, A., Garba, M., Bonnabau, H., Kane, M., Rossi, J.P., Dardé, M.L. & Dobigny, G., 2013. Toxoplasmosis seroprevalence in urban rodents: a survey in Niamey, Niger. **Memorias do Instituto Oswaldo Cruz**, 108(4) : 399-407.
- 13-3) Chingangbam, D., Wani, S.H., Laishram, J.M., Singh, B.N., Singh, C.B., Chaval, Y. & Dobigny, G., 2013. The oriental rat, *Rattus tanezumi* from Manipur. **Asian Journal of Animal Science**, 7(2) : 98-102.
- 13-2) Yama, I.N., Garba, M., Britton-Davidian, J., Thiberville, D., Dobigny, G., Gould, E.A., de Lamballerie, X. & Charrel, R.N., 2013. Comparative analysis of rodent tissue preservation methods and nucleic acid extraction techniques for virus screening purposes. **Journal of Virological Methods**, 189 : 311-316.
- 13-1) Colangelo, P., Verheyen, E., Leirs, H., Tatard, C., Denys, C., Dobigny, G., Duplantier, J.M., Brouat, C., Granjon, L. & Lecompte, E., 2013. A mitochondrial phylogeographic scenario for the most widespread African rodent species, *Mastomys natalensis*. **Biological Journal of the Linnean Society**, 108(4) : 901-916.
- 12-5) Ben Faleh, A., Granjon, L., Tatard, C., Duplantier, J.M., Dobigny, G., Hima, K., Saïd, K., Boratynski, Z. & Cosson, J.F., 2012. Phylogeography of two cryptic species of African desert jerboas (Dipodidae, *Jaculus*). **Biological Journal of the Linnean Society**, 107 : 27-38. (Erratum in BJLS 108:470-471).
- 12-4) Granjon, L., Colangelo, P., Tatard, C., Colyn, M., Dobigny, G. & Nicolas, V., 2012. Intrageneric relationships within *Gerbilliscus* (Rodentia, Muridae, Gerbillinae) with characterization of an additional West African species. **Zootaxa**, 3325 : 1-25.
- 12-3) Badenhorst, D., Tatard, C., Supputamongkol, Y., Robinson, T.J. & Dobigny, G., 2012.

Host cell / *Orientia tsutsugamushi* interactions: evolution and expression of syndecan-4 in Asian rodents (Rodentia, Muridae).

**Infection, Genetics and Evolution**, 12 : 1136-1146.

12-2) Yama, I., Cazaux, B., Britton-Davidian, J., Moureau, G., Thirion, L., de Lamballerie, X., Dobigny, G. & Charrel, R., 2012.

Isolation and characterization of a new strain of Lymphocytic choriomeningitis virus from rodents in South-Western France.

**Vector-borne and Zoonotic Diseases**, 12 : 893-903.

12-1) Badenhorst, D., Dobigny, G. & Robinson, T.J., 2012.

Karyotypic evolution of *Hapalomys* inferred from chromosome painting: a detailed characterization contributing new insights into the ancestral Murinae karyotype.

**Cytogenetic and Genome Research**, 136 : 83-88.

11-5) Badenhorst, D., Dobigny, G., Adegas, F., Chaves, R., O'Brien, P.C.M., Ferguson-Smith, M.A., Waters, P.D. & Robinson, T.J., 2011.

Chromosomal evolution in Rattini (Muridae, Rodentia).

**Chromosome Research**, 19 : 709-727.

11-4) Dobigny, G., Tatard, C., Kane, M., Gauthier, P., Brouat, C., Bâ, K. & Duplantier, J.M., 2011.

A cytotaxonomic and DNA-based survey of rodents from Northern Cameroon and Western Chad.

**Mammalian Biology**, 76 : 417-427.

11-3) Rey, O., Loiseau, A., Foucaud, J., Orivel, J., Cornuet, J.M., Robert, S., Dobigny, G., Delabie, J.H.C., Mariano, C.S.F. & Estoup, A., 2011.

Meiotic recombination dramatically decreased in thelytokous queens of the little fire ant and their sexually produced workers.

**Molecular Biology and Evolution**, 28 : 2591-2601.

11-2) Hima, K., Thiam, M., Catalan, J., Gauthier, P., Duplantier, J.M., Piry, S., Sembène, M., Britton-Davidian, J., Granjon, L. & Dobigny, G., 2011.

Extensive Robertsonian polymorphism in the African rodent *Gerbillus nigeriae*: geographic and meiotic data.

**Journal of Zoology**, 284 : 276-285.

11-1) Dobigny, G., Poirier, P., Hima, K., Cabaret, O., Gauthier, P., Tatard, C., Costa, J.M. & Bretagne, S., 2011.

Molecular survey of rodent-borne *Trypanosoma* in Niger with special emphasis on *T. lewisi* imported by invasive black rats.

**Acta Tropica**, 117 : 183-188.

10-6) Bryja, J., Patzenhauerova, H., Granjon, L., Dobigny, G., Koneckny, A., Duplantier, J.M., Gauthier, P., Colyn, M., Durnez, L., Lalis, A. & Nicolas, V., 2010.

Plio-Pleistocene history of West African Sudanian savanna and the phylogeography of the *Praomys daltoni* complex (Rodentia): the environment / geography / genetic interplay.

**Molecular Ecology**, 19 : 4783-4799.

10-5) Thiam, M., Hima, K., Gauthier, P., Tatard, C., Duplantier, J.M., Dobigny, G., Granjon, L., Dalecky, A., Bâ, K., Sembene, M. & Brouat, C., 2010.

Isolation and characterization of polymorphic microsatellites in the rodent *Gerbillus nigeriae*.

**Molecular Ecology Resources**, doi: 10.1111/j.1755-0998.2010.02970.x.

10-4) Chaval, Y., Dobigny, G., Michaux, J., Pagès, M., Corbisier, C., Cosson, J.F. & Herbreteau, V., 2010.

A multi-approach survey as the most reliable tool to accurately assess biodiversity: an example of Thai murine rodents.

**Kasetsart Journal of Natural Science**, 44 : 590-603.

- 10-3) Tayeh, A. Tatar, C., Kako-Ouraga, S., Duplantier, J.M. & Dobigny, G., 2010.  
Rodent host cell / Lassa virus interactions: evolution and expression of  $\alpha$ -Dystroglycan, LARGE-1 and LARGE-2 genes, with special emphasis on the *Mastomys* genus.  
**Infection, Genetics and Evolution**, 10 : 2062-2070.
- 10-2) Gauthier, P., Hima, K. & Dobigny, G., 2010.  
Robertsonian fusions, pericentromeric repeats organization and evolution: a case-study within a highly polymorphic rodent species, *Gerbillus nigeriae*.  
**Chromosome Research**, 18 : 473-486.
- 10-1) Dobigny, G., Catalan, J., Gauthier, P., O'Brien, P.C.M., Brouat, C., Bâ, K., Tatar, C. Ferguson-Smith, M.A., Duplantier, J.M., Granjon, L. & Britton-Davidian, J., 2010.  
Geographic patterns of inversion polymorphisms in a wild African rodent, *Mastomys erythroleucus*.  
**Heredity**, 104 : 378-386.
- 09-5) Veyrunes F., Chevret P., Catalan J., Castiglia R., Watson J., Dobigny G., Robinson T.J. & Britton-Davidian J., 2009.  
A novel sex determination system in a close relative of the house mouse.  
**Proceedings of the Royal Society, London B**, 277 : 1049-1056.
- 09-4) Gauthier, P., O'Brien, P.C., Granjon, L., Abdoullaye, D., Brouat, C. & Dobigny, G., 2009.  
Development of a chromosome-specific bank of microsatellite markers in the murid rodent *Mastomys erythroleucus* (Murinae).  
**Molecular Ecology Resources**, doi: 10.1111/j.1755-0998.2009.02796.x.
- 09-3) Brouat, C., Tatar, C., Bâ, K., Cosson, J.F., Dobigny, G., Fichet-Calvet, E., Granjon, L., Lecompte, E., Loiseau, A., Mouline, K., Piry, S. & Duplantier, J.M., 2009.  
Phylogeography of the Guinea multi-mammate mouse (*Mastomys erythroleucus*): a case-study for Sahelian species in West Africa.  
**Journal of Biogeography**, 36 : 2237-2250.
- 09-2) Nicolas, V., Granjon, L., Duplantier, J.M., Cruaud, C. & Dobigny, G., 2009.  
Phylogeography of spiny mice (genus *Acomys*, Rodentia: Muridae) from the Southwestern margin of the Sahara, with taxonomic implications.  
**Biological Journal of the Linnean Society**, 98 : 29-46.
- 09-1) Badenhorst, D., Herbreteau, V., Chaval, Y., Pagès, M., Robinson, T.J., Rerkamnuaychoke, W., Morand, S., Hugot, J.P. & Dobigny, G., 2009.  
New karyotypic data for Asian rodents (Rodentia, Muridae) with the first report of B-chromosomes in the genus *Mus*.  
**Journal of Zoology**, 279 : 44-56.
- 08-7) Hentonen, H., Buchy, P., Suputtamongkol, Y., Jittapalpong, S., Herbreteau, V., Laakonen, J., Chaval, Y., Galan, M., Dobigny, G., Charbonnel, N., Michaux, J., Cosson, J.F., Morand, S. & Hugot, J.P., 2008.  
Recent discoveries of new hantaviruses widen their range and questions their origins.  
**Annals of the New York Academy of Science**, 1149 : 84-89.
- 08-6) Dobigny, G., Lecompte, E., Tatar, C., Gauthier, P., Bâ, K., Denys, C., Duplantier, J.M. & Granjon, L., 2008.  
An update on the taxonomy and geographic distribution of the cryptic species *Mastomys kollmannspergeri* (Muridae, Murinae) using combined cytogenetic and molecular data.  
**Journal of Zoology**, 276 : 368-374.

- 08-5) Graphodatsky, A.S., Yang, F., Dobigny, G., Romanenko, S.A., Biltueva, L.S., Perelman, P.L., Beklemisheva, V.R., Alkalaeva, E.Z., Serdukova, N.A., Ferguson-Smith, M.A., Murphy, B. & Robinson, T.J., 2008.  
Tracking genome organization in Rodents by Zoo-FISH.  
**Chromosome Research**, 16 : 261-274.
- 08-4) Trifonov, V.A., Stanyon, R. Nesterenko, A.I., Fu, B. Perelman, P.L., O'Brien, P.C.M., Stone, G., Rubtsova, N.V., Houck, M.L., Robinson, T.J., Ferguson-Smith, M.A., Dobigny, G., Graphodatsky, A.S. & Yang, F., 2008.  
Multi-directional cross-species painting illuminates the history of karyotypic evolution in Perissodactyla.  
**Chromosome Research**, 16 : 89-107.
- 08-3) Graphodatsky, A.S., Perelman, P.L., Sokolovskaya, N.V., Beklemisheva, V.R., Serdukova, N.A., Dobigny, G., O'Brien, S.J., Ferguson-Smith, M.A. & Yang, F., 2008.  
Phylogenomics of the dog and fox family (Canidae, Carnivora) revealed by chromosome painting.  
**Chromosome Research**, 16 : 129-143.
- 08-2) Mao, X., Nie, W., Wang, J., Su, W., Feng, Q., Wang, Y., Dobigny, G., & Yang, F., 2008  
Comparative cytogenetics of bats (Chiroptera): the prevalence of Robertsonian translocations limits the power of chromosomal characters in resolving inter-family phylogenetic relationships.  
**Chromosome Research**, 16 : 155-170.
- 08-1) Dobigny, G. & Yang, F., 2008.  
Comparative cytogenetics in the genomics era: cytogenomics comes of age.  
**Chromosome Research**, 16 : 1-4.
- 07-4) Waters, P., Ruiz-Herrera, A., Dobigny, G., Garcia, M. & Robinson, T.J., 2007.  
Sex chromosomes of basal placental mammals.  
**Chromosoma**, 116 : 511-518.
- 07-3) Volobouev, V., Aniskin, V., Sicard, B., Dobigny, G. & Granjon, L., 2007.  
Systematics and phylogeny of West African gerbils of the genus *Gerbilliscus* (Muridae, Gerbillinae) inferred from comparative G- and C-banding chromosomal analyses.  
**Cytogenetic and Genome Research**, 116 : 269-281.
- 07-2) Waters, P., Dobigny, G., Waddell, P.J. & Robinson, T.J., 2007.  
Evolutionary history of LINE-1 elements in the major clades of placental mammals.  
**PLoS ONE**, e158 : doi10.1371/journal.pone.0000158.
- 07-1) Bâ, K., Thiam, M., Dobigny, G., Granjon, L., Mané, Y., Volobouev, V. & Duplantier, J.M., 2006.  
Hypothesis on the origin of the invasion of Senegal by *Gerbillus nigeriae* based on chromosomal data.  
**Mammalia**, 70 : 303-305.
- 06-5) Veyrunes, F., Dobigny, G., Yang, F., O'Brien, P.C.M., Catalan, J., Robinson, T.J. & Britton-Davidian, J., 2006.  
Phylogenomics of the genus *Mus* (Rodentia, Muridae): Extensive genome repatterning is not restricted to the house mouse.  
**Proceedings of the Royal Society, London B**, 273 : 2925-2934.
- 06-4) Yang, F., Graphodatsky, A.S., Li, T., Fu, B., Dobigny, G., Wang, J., Perelman, P.L., Serdukova, N.A., Su, W., O'Brien, P.C.M., Wang, Y., Ferguson-Smith, M.A., Volobouev, V. & Nie, W., 2006.

Comparative genome maps of the pangolin, hedgehog, sloth, anteater and human revealed by cross-species chromosome painting: further insight into the ancestral karyotype and genome evolution of eutherian mammals.

**Chromosome Research**, 14 : 283-296.

06-3) Dobigny, G.\*, Waters, P.D.\* & Robinson, T.J., 2006.

Absence of LINE-1 amplification and hypomethylation in a black x white rhinoceros.

**Genetica**, 127 : 81-86.

06-2) Engelbrecht, A.\*, Dobigny, G.\* & Robinson, T.J., 2006.

Further insights into the ancestral murine karyotype: the contribution of the *Otomys-Mus* comparison using chromosome painting.

**Cytogenetic and Genome Research**, 112 : 126-130.

06-1) Aniskin, V., Benazzou, T., Biltueva, L., Dobigny, G., Granjon, L. & Volobouev, V., 2006.

Unusually extensive karyotype reorganization in four congeneric *Gerbillus* species (Muridae: Gerbillinae).

**Cytogenetic and Genome Research**, 112 : 131-140.

05-3) Dobigny, G., Aniskin, V., Granjon, L., Cornette, R. & Volobouev, V., 2005.

Recent radiation in West African *Taterillus* (Rodentia, Gerbillinae): the concerted role of climatic and chromosome changes.

**Heredity**, 95 : 358-368.

05-2) Dobigny, G., Yang, F., O'Brien, P.C.M., Volobouev, V., Kowacs, A., Pieczarka, J.C., Ferguson-Smith, M.A. & Robinson, T.J., 2005.

Low rate of genomic repatterning in Xenarthra inferred from chromosome painting data.

**Chromosome Research**, 13 : 651-663.

05-1) Chevret, P. & Dobigny, G., 2005

Systematics and evolution of the subfamily Gerbillinae (Rodentia, Muridae).

**Molecular Phylogenetics and Evolution**, 35 : 674-688.

04-7) Waters, P.\*, Dobigny, G.\*, Pardini, A. & Robinson, T.J., 2004

LINE-1 distribution in the two most basal eutherian clades, Afrotheria and Xenarthra: implications for understanding the biology of L1 in the human and mouse genomes.

**Chromosoma**, 113 : 137-144.

04-6) Dobigny, G., Ozouf-Costaz, C., Bonillo, C. & Volobouev, V., 2004

Viability of X-autosome translocations in mammals: an epigenomic hypothesis from a rodent case-study.

**Chromosoma**, 113 : 34-41.

04-5) Dobigny, G., Ozouf-Costaz, C., Waters, P., Bonillo, C. & Volobouev, V., 2004.

LINE-1 amplification accompanies explosive genome repatterning in *Taterillus* (Rodentia, Gerbillinae).

**Chromosome Research**, 12 : 787-793.

04-4) Veyrunes F., Catalan J., Sicard B., Robinson T.J., Duplantier J.M., Granjon L., Dobigny G. & Britton-Davidian J., 2004.

Autosome and sex chromosome diversity among the African pygmy mice, subgenus *Nannomys* (Murinae; *Mus*)

**Chromosome Research.**, 12(4):369-382.

04-3) Granjon, L., Houssin, C., Lecompte, E., Angaya, M., César, J., Cornette, R., Dobigny, G. & Denys, C., 2004.

Community ecology of the terrestrial small mammals of Zakouma National Park, Chad.  
**Acta Theriologica**, 49 : 215-234.

- 04-2) Dobigny, G., Ducroz, J.F., Robinson, T.J. & Volobouev, V., 2004.  
Cytogenetics and cladistics.  
**Systematic Biology**, 53(3):470-484.
- 04-1) Dobigny, G., Ozouf-Costaz, C., Bonillo, C. & Volobouev, V., 2004.  
Evolution of rDNA clusters and telomeric repeats during explosive genome repatterning in *Taterillus* (Rodentia, Gerbillinae).  
**Cytogenetic and Genome Research**, 103(1-2):94-103.
- 03-3) Dobigny, G., Granjon, L., Aniskin, V., Bâ, K. & Volobouev, V., 2003.  
A new sibling species of *Taterillus* (Rodentia, Gerbillinae) from West Africa.  
**Mammalian Biology**, 68(5):299-316.
- 03-2) Granjon, L. & Dobigny, G., 2003.  
Chromosomally characterised murid rodents from the edges of Lake Chad: evidence for an African biogeographical crossroads, or a centre of endemism ?  
**Mammal Review**, 33(1):77-91.
- 03-1) Dobigny, G., Ozouf-Costaz, C., Bonillo, C. & Volobouev, V., 2003.  
“Ag-NORs” are not always true NORs: new evidence in mammals.  
**Cytogenetic and Genome Research**, 98(1):75-77.
- 02-4) Dobigny, G., Noma, A. & Gautun, J.C., 2002.  
A cytotoxic survey of Rodents from Niger: implications for systematics, biodiversity and biogeography.  
**Mammalia**, 66(4):495-523.
- 02-3) Dobigny, G., Baylac, M. & Denys, C., 2002.  
Geometric morphometrics, neural networks and diagnosis of sibling *Taterillus* (Rodentia, Gerbillinae) species.  
**Biological Journal of the Linnean Society**, 77:319-327.
- 02-2) Dobigny, G., Volobouev, V. & Aniskin, V., 2002.  
Explosive chromosome evolution and speciation in the gerbil genus *Taterillus* (Rodentia, Gerbillinae): a case of two new cryptic species.  
**Cytogenetic and Genome Research**, 96:117-124.
- 02-1) Volobouev, V., Ducroz, J.F., Aniskin, V., Britton-Davidian, J., Castiglia, R., Dobigny, G., Granjon, L., Lombard, M., Sicard, B. & Capanna, E., 2002.  
Chromosomal characterisation of *Arvicanthis* species (Rodentia: Murinae) from Western and Central Africa: implications on taxonomy.  
**Cytogenetic and Genome Research**, 96:250-260.
- 01-2) Machon, N., Guillon, J.M., Dobigny, G., Le Cadre, S. & Moret, J., 2001.  
Genetic variation in the horsetail *Equisetum variegatum* Schleich., an endangered species in the Parisian region.  
**Biodiversity and Conservation**, 10(9):1543-1554.
- 01-1) Dobigny, G., Moulin, S., Cornette, R. & Gautun, J.C., 2001.  
Rodents from Adrar des Iforas, Mali: chromosomal data.  
**Mammalia**, 65(2):215-220.

98-1) Thomas, H., Geraads, D., Janjou, D., Vaslet D., Memesh, A., Billiou, D., Bocherens, H., Dobigny, G., Eisenmann, V., Gayet, M., Lapparent de Broin, F., Petter, G. & Halawani, M., 1998.  
First pleistocene faunas from the arabian peninsula: An Nafud desert, Saudi Arabia.  
**Comptes Rendus de l'Académie des Sciences, Paris, Sciences de la Terre et des Planètes**, 326:145-152.

- **Articles scientifiques sans comité de lecture (n=2)**

01-2) Moulin, S., Dobigny, G., Cornette, R. & Ag Sidiyène, E., 2001.  
Observations ornithologiques dans l'Adrar des Iforas, Mali.  
**Alauda**, 69(4):527-532.

01-1) Dobigny, G., Bâ, K. & Petter, F., 2001.  
Cytogénétique et espèces jumelles de rongeurs : aspects fondamentaux et appliqués.  
**Bulletin de l'Académie Vétérinaire de France**, 154:319-330.

- **Monographies et ouvrages (n=6)**

R6) Dobigny, G. & Xuereb, A., 2011.  
Cytogenetics: karyotyping and sampling for fibroblast cell culture.  
In "Protocols for field and laboratory rodent studies", Eds. Herbreteau V. et al., Kasetsart University Press, Bangkok, Thaïlande, pp. 29-31.

R5) Waters, P.D., Dobigny, G., Waddell, P. & Robinson, T.J., 2008.  
LINE-1 elements: analysis by Fluorescent in situ Hybridization (FISH) and nucleotide sequences.  
In "Phylogenomics", series "Methods in molecular biology", Ed. Murphy W.J., pp. 227-237.

R4) Dobigny, G., 2006.  
Karyotypes of *Taterillus congicus*, *Taterillus tranieri*, *T. pygargus*, *Taterillus* sp.1 and *Taterillus* sp.2.  
In "An atlas of Mammalian karyotypes", Eds O'Brien S.J., Menninger J.C. & Nash W.G., pp. 226-230.

R3) Granjon, L. & Dobigny, G., sous presse.  
Description du genre *Taterillus*, et des espèces *T. arenarius*, *T. congicus*, *T. emini*, *T. gracilis*, *T. pygargus*, *T. lacustris* et *T. tranieri* pour l'encyclopédie « Mammals of Africa », Eds Happold D.

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