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Articles published or accepted in indexed journals (288)

Ahyong S.T., 2014. Paramoguai kavieng, a new genus and species of camptandriid crab from Papua New Guinea (Crustacea: Brachyura). *Zootaxa* 3856: 578-584.

Allemand R., Houssaye A., Bardet N. & Vincent P., 2019. Endocranial anatomy of plesiosaurians (Reptilia, Plesiosauria) from the Late Cretaceous (Turonian) of Goulmima (Southern Morocco). *Journal of Vertebrate Paleontology* 39: e1595636.

Allemand R., Bardet N., Houssaye A. & Vincent P., 2018. New plesiosaurian specimens (Reptilia, Plesiosauria) from the Late Cretaceous (Turonian) of Goulmima (Southern Morocco). *Cretaceous Research* 82: 83-98.

Allemand R., Bardet N., Houssaye A. & Vincent P., 2017. Virtual reexamination of a plesiosaurian specimen (Reptilia, Plesiosauria) from the Late Cretaceous (Turonian) of Goulmima, Morocco, using computed tomography. *Journal of Vertebrate Paleontology* 37: e1325894.

Allemand R., Boistel R., Daghfous G., Blanchet Z., Cornette R., Bardet N., Vincent P. & Houssaye A., 2017. Comparative morphology of snake (Squamata) endocasts: evidence of phylogenetical and ecological signals. *Journal of Anatomy* 231: 849-868.

Anker A. & Fransen Charles H. J. M., 2019. Alpheus leptochiroides De Man, 1909, a poorly known deep-water snapping shrimp with a unique third maxilliped (Malacostraca: Decapoda: Alpheidae). *Zootaxa* 4712: 552-560

Anso J., Barrabé L., Desutter-Grandcolas L., Jourdan H., Grandcolas P., Dong J. & Robillard T., 2016. Old lineage on an old island: *Pixibinthus*, a new cricket genus endemic to New Caledonia shed light on gryllid diversification in a hotspot of biodiversity. *PloS One* 11: e0150920.

Anso J., Jourdan H., Desutter-Grandcolas L., 2016. Crickets (Insecta, Orthoptera, Grylloidea) from southern New Caledonia, with descriptions of new taxa. *Zootaxa* 4124: 1-92.

Antoine P., Moncel M.-H., Limondin-Lozouet N., Locht J.-L., Bahain J.-J., Moreno D., Voinchet P., Auguste P., Stoetzel E., Dabrowski J., Bello S. M., Parfitt S.A., **Tombret O.** & Hardy B., 2016. Palaeoenvironment and dating of the Early Acheulean localities from the Somme River basin (Northern France): new discoveries from the high terrace at Abbeville-Carrière Carpentier. *Quaternary Science Reviews*, 149: 338-371.

Arias M., Davey J. W., Martin S., Jiggins C., Nadeau N., Joron M. & Llaurens V., 2020. How do predators generalize warning signals in simple and complex prey communities? Insights from a videogame. *Proceeding the Royal Society - B* 287: 20200014.

Arias M., Meichanetzoglou A., Elias M., Rosser N., de-Silva D. L., Nay B. & Llaurens V., 2016. Variation in cyanogenic compounds concentration within a *Heliconius* butterfly community: does mimicry explain

everything? *BMC Evolutionary Biology* 16: 272.

Arias M., Mappes J., Théry M. & Llaurens V., 2016. Inter-species variation in unpalatability does not explain polymorphism in a mimetic species. *Evolutionary ecology* 30: 419-433.

Arias M., Le Poul Y., Chouteau M., Boisseau R., Rosser N., Théry M. & Llaurens V., 2016. Crossing fitness valleys: empirical estimation of adaptive landscape associated with polymorphic mimicry. *Proceeding the Royal Society London - B* 283: 20160391.

Assefa Z., Pleurdeau D., Duquesnoy F., Hovers E., Pearson O., Asrat A. & Lam, Y.-M., 2014. Survey and explorations of caves in southeastern Ethiopia: Middle Stone Age and Later Stone Age archaeology and Holocene rock art. *Quaternary International* 343: 136-147.

Azémard C., Dufour E., Zazzo A., Wheeler J. C., Goepfert N., Marie A. & Zirah S., 2021. Untangling the fibre ball: Proteomic characterization of South American camelid hair fibres by untargeted multivariate analysis and molecular networking. *Journal of Proteomics*, Vol. 231.

Azemard C., Zazzo A., Marie A., Lepetz S., Debaine-Francfort C., Idriss A. & Zirah S., 2019. Animal fibre use in the Keriya valley (Xinjiang, China) during the Bronze and Iron Ages: A proteomic approach. *Journal of Archaeological Science* 110 doi:10.1016/j.jas.2019.104996.

Aziz S.A., Clements G.R., Peng L.Y., Compos-Arceiz A., McConkey K.R., Forget P.M. & Gan H.M., 2017. Elucidating the diet of the island flying fox (*Pteropus hypomelanus*) in Peninsular Malaysia through Illumina Next- Generation Sequencing. *PeerJ* 5: e3176.

Bacon A.M., Bourgon N., Dufour E., Zanolli C., Duringer P., Ponche J.L., Antoine P.O., Shackelford L., Huong N.T.M., Sayavonkhamdy T., Patole-Edoumba E. & Demeter F., 2018. Nam Lot (MIS 5) and Duoi U'Oi (MIS 4) Southeast Asian sites revisited: Zooarchaeological and isotopic evidences. *Palaeogeography, paleoclimatology, Palaeoecology* 512: 132-144.

Bacon A.M., Duringer P., Westaway K., Joannes-Boyau R., Zhao J.X., Bourgon N., Dufour E., Pheng S., Tep S., Ponche J.L., Barnes L., Blin A., Patole-Edoumba E. & Demeter F., 2018. Testing the savannah corridor hypothesis during MIS2: The Boh Dambang hyena site in southern Cambodia. *Quaternary International* 464: 417-439.

Bahain J.-J., Voinchet P., Vietti A., Qingfeng S., Tombret O., Pereira A., Nomade S. & Falguères C., 2021. ESR/U-series and ESR dating of several Middle Pleistocene Italian sites: Comparison with 40Ar/39Ar chronology. *Quaternary Geochronology*, Vol.63.

Bahain J.-J., Falgueres C., Shao Q., Tombret O. & Dolo J.-M., 2015. La datation ESR/U-Th de restes paléontologiques, un outil pour estimer le remaniement des niveaux archéologiques ? *Quaternaire* 26: 213-223.

Benda P., Kasso M., Nicolas V., Pleurdeau D., Stoetzel E., Workalemahu S., Bekele A. & Denys C., 2019. New data on bats from Dire Dawa region, eastern Ethiopia, with the first record of Rhinopoma microphyllum in the country. *Journal of Natural History* 53:41-42:2579-2591.

Berbee M.L., Strullu-Derrien C., Delaux PM., Strother P.K., Kenrick P., Selosse M.-A. & Taylor J. W., 2020. Genomic and fossil windows into the secret lives of the most ancient fungi. *Nat Rev Microbiol* 18, 717–730. <https://doi.org/10.1038/s41579-020-0426-8>

Böhmer C., Fabre A-C., Taverne M., Herbin M., Peigné S. & Herrel A., 2019. Functional relationship between myology and ecology in carnivores: do forelimb muscles reflect adaptations to prehension? *Biological Journal of the Linnean Society* 127: 661-680.

Böhmer C., Fabre A-C., Herbin M., Peigné S. & Herrel A., 2018. Anatomical Basis of Differences in Locomotor Behavior in Martens: A Comparison of the Forelimb Musculature between Two Sympatric

Species of *Martes*. *Anatomical Record* 301: 449-472.

Bosse M., Megens H. J., Madsen O., Crooijmans R. P., Ryder O. A., Austerlitz F., Groenen M. A., **de Cara M. A.**, 2015. Using genome-wide measures of coancestry to maintain diversity and fitness in endangered and domestic pig populations. *Genome Research* 25: 970-981.

Caesar M., Grandcolas P., Pellens R., 2017. Outstanding micro-endemism in New Caledonia: More than one out of ten animal species have a very restricted distribution range. *Plos ONE* 12: e0181437.

Campmas, E., Stoetzel, E., Denys, C., 2018. African carnivores as taphonomic agents: Contribution of modern coprogenic sample analysis to their identification. *International Journal of Osteoarchaeology* 28 : 237-263.

Cersoy S., Zirah S., Marie A., Zazzo A., 2019. Toward a versatile protocol for radiocarbon and proteomics analysis of ancient collagen. *Journal of Archaeological Science* 101:1-10.

Cersoy S., Daheur G., Zazzo A., Zirah S., Sablier M., 2018. Pyrolysis comprehensive gas chromatography and mass spectrometry: A new tool to assess the purity of ancient collagen prior to radiocarbon dating. *Analytica Chimica Acta* 1041: 131-145.

Cersoy S., Zazzo A., Rofes, J., Tresset A., Zirah S., Gauthier C., Kaltnecker E., Thil F., Tisnerat-Laborde N., 2017. Radiocarbon dating minute amounts of bone (3–60 mg) with ECHoMICADAS. *Scientific Reports* 7: 7141.

Cersoy S., Zazzo A., Lebon M., Rofes J. & Zirah S., 2016. Collagen extraction and stable isotope analysis of small vertebrate bones: a comparative approach. *Radiocarbon* 59: 679-694.

Charlier P., Wils P., Froment A., & Huynh-Charlier I., 2014. Arterial calcifications from mummified materials: use of micro-CT-scan for histological differential diagnosis. *Forensic science, medicine, and pathology* 10: 461-465.

Chatelain P., Plant A., Soulier-Perkins A. & Daugeron C., 2018. Diversity increases with elevation: empidine dance flies (Diptera, Empididae) challenge a predominant pattern. *Biotropica* 50: 633-640.

Chintauan-Maquier I.-C., Legendre F., Hugel S., Robillard T., Grandcolas P., Nel A., Zuccon D. & Desutter-Grandcolas L., 2016. Laying the foundations of evolutionary and systematic studies in crickets (Insecta, Orthoptera): a multilocus phylogenetic analysis. *Cladistics* 32: 54-81.

Chouteau M., **Arias M.**, & Joron M., 2016. Warning signals are under positive frequency-dependent selection in nature. *Proceedings of the National Academy of Sciences of the United States of America* 113: 2164-2169.

Cibot M., Krief S., Philippon J., Couchoud P., Seguya A. & Pouydebat E., 2016. Feeding Consequences of Hand and Foot Disability in Wild Adult Chimpanzees (*Pan troglodytes schweinfurthii*). *International Journal of Primatology* 37: 479-494.

Cibot M., Guillot J., Lafosse S., Bon C., Seguya A., & Krief S., 2015. Nodular worm infections in wild non-human primates and humans living in the Sebitoli area (Kibale National Park, Uganda): do high spatial proximity favor zoonotic transmission? *PLoS Neglected Tropical Diseases* 9: e0004133.

Cibot M., Bortolamiol S., Seguya A., & Krief S., 2015. Chimpanzees facing a dangerous situation: A high-traffic asphalted road in the Sebitoli area of Kibale National Park, Uganda. *American journal of Primatology* 77: 890-900.

Cook P.K., Mocuta C., Dufour E., Languille M.A. & Bertrand L., 2018. Full-section otolith microtexture imaged by local-probe X-ray diffraction. *Journal of Applied Crystallography* 51: 1182-1196.

Cook P.K., Dufour, E., Languille, M.A., Mocuta, C., Reguer, S. & Bertrand, L., 2016. Strontium speciation

in archaeological otoliths. *Journal of Analytical Atomic Spectrometry* 31: 700-711.

Cook P.K., Languille M.-A., Dufour E., Mocuta C., **Tombret O.**, Fortuna F. & Bertrand L., 2015. Biogenic and diagenetic indicators in archaeological and modern otoliths: Potential and limits of high-definition synchrotron micro-XRF elemental mapping. *Chemical Geology* 414: 1-15.

Coty D., Aria C., Garrouste R., **Wils P.**, Legendre F. & Nel A., 2014. The First Ant-Termite Syninclusion in Amber with CT-Scan Analysis of Taphonomy. *PLoS One* 9: e104410.

Cucchi T., Domont A., Harbers H., Leduc C., Guidez A., Bridault A., Hongo H., Price M., Peters J., Briois F., Guilaine J. & Vigne J.-D., 2021. Bones geometric morphometrics illustrate 10th millennium cal. BP domestication of autochthonous Cypriot wild boar (*Sus scrofa circeus* nov. ssp). *Sci Rep* 11, 11435. <https://doi.org/10.1038/s41598-021-90933-w>

Cucchi T., **Papayianni K.**, **Cersoy S.**, Aznar-Cormano L., Zazzo A., Debruyne R., Berthon R., Bălășescu A., Simmons A., Valla F., Hamilakis Y., Mavridis F., Mashkour M., Darvish J., Siahzarvi R., Biglari F., Petrie C. A., Weeks L., Sardari A., Maziar S., Denys C., Orton D., Jenkins E., Zeder M., Searle J. B., Larson G., Bonhomme F., Auffray J.-C. & Vigne J.-D., 2020. Tracking the Near Eastern origins and European dispersal of the western house mouse. *Sci Rep* 10, 8276 (2020). <https://doi.org/10.1038/s41598-020-64939-9>

Cucchi T., Barnett R., Martíková N., Renaud S., Renvoisé E., Evin A., Sheridan A., Mainland I., Wickham-Jones C., Tougard C., Quéré J.-P., Pascal M., Pascal M., Heckel G., O'Higgins P., Searle JB. & **Dobney K.**, 2014. The changing pace of insular life: 5000 years of microevolution in the orkney vole (*Microtus arvalis orcadensis*). *Evolution* 68: 2804-2820.

Cui Y., Ren D. & Béthoux O., 2019. The Pangean journey of 'south forestflies' (Insecta: Plecoptera) revealed by their first fossils. *Journal of Systematic Palaeontology* 17: 255-268.

Cui Y., Toussaint S. & Béthoux O., 2018. The systematic position of the stonefly *+culonga* Sinitshenkova, 2011 (Plecoptera: Leuctrida) reassessed using Reflectance Transforming Imaging and cladistic analysis. *Arthropod Systematics & Phylogeny* 76: 173-178.

Cui Y., Béthoux O., Kondratieff B., Shih C. & Ren D., 2016. The first fossil salmonfly (Insecta: Plecoptera: Pteronarcidae) back to the Middle Jurassic. *BMC Evolutionary Biology* 16: 217.

Cupello C., Brito P. M., Herbin M., Meunier F. J., Janvier P., Dutel H. & Clément G., 2015. Allometric growth in the extant coelacanth lung during ontogenetic development. *Nature Communications* 6:8222.

Curaudeau M., Rozzi R. & Hassanin A., 2021. The genome of the lowland anoa (*Bubalus depressicornis*) illuminates the origin of river and swamp buffalo. *Molecular Phylogenetics and Evolution*, Vol. 161.

Daugeron C. & Lefebvre V., 2015. Descriptions of two new species of Empidinae Schiner, 1862 (Diptera: Empididae) from the Mercantour National Park, France. *Zoosystema* 37: 605-609.

D'Avila-Levy C., Boucinha C., Kostygov A., Santos H., Morelli K., Grybchuk-Ieremenko A., **Duval L.**, Votypka J., Yurchenko V., Grellier P. & Lukes J., 2015. Exploring environmental diversity of kinetoplastid flagellates in the high-throughput DNA sequencing era. *Memorias do Instituto Oswaldo Cruz*. 110: 956-65.

Debat V., Chazot N., Jarosson S., Blandin P. & Llaurens V., 2020. What drives the diversification of eyespots in morpho butterflies? Disentangling developmental and selective constraints from neutral evolution. *Front. Ecol. Evol.*, doi 10.3389/fevo.2020.00112

Décamps T., Herrel A., Ballesta L., Holon F., Rauby T., Gentil Y., Gentil C., Dutel H., Debruyne R., **Charrassin J.-B.**, Eveillard G., Clément G., & Herbin M., 2016. The third dimension: a novel setup for filming coelacanths in their natural environment. *Methods in Ecology and Evolution* 8: 322-328.

Del Rio C. & De Franceschi D., 2020. Icacinaceae fossil fruits from three sites of the Paris Basin (early

- Eocene, France): local diversity and global biogeographic implications. *Geodiversitas* 42 (2): 17-28.
- Del Rio C.** & De Franceschi D., 2019. An abnormally twinned fossil fruit of lodes (Icacinaceae) from Rivecourt (Thanetian, Oise, France). *Adansonia* 3: 41: 25-28.
- Del Rio C.**, Stull G. W., De Franceschi D., 2019. New species of lodes fruits (Icacinaceae) from the early Eocene Le Quesnoy locality, Oise, France. *Review of Palaeobotany and Palynology* 262: 60-71.
- Del Rio C.**, Thomas R., De Franceschi D., 2018. Fruits of Icacinaceae Miers from the Paleocene of the Paris Basin (Oise, France). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh* 108: 459-469.
- Del Rio C.**, Haevermans T. & De Franceschi D., 2017. First record of an Icacinaceae Miers fossil flower from Le Quesnoy (Ypresian, France) amber. *Scientific Reports* 7: 1099.
- Delavenne J.**, **Keszler L.**, Castelin M., Lozouet P., Maestrati P. & Samadi S., 2019. Deep-sea benthic communities in the largest oceanic desert are structured by the presence of polymetallic crust. *Scientific Reports* 9: 6977.
- Denys C., Lalis A., Aniskin V., Gerbault-Seureau M., Delapre A., Gilissen E., Merker S. & Nicolas V., 2020. Integrative taxonomy of Guinean Lemniscomys species (Rodentia, Mammalia). *Journal of Vertebrate Biology*, 69(2), 20008.1-20
- Desjonquères C., Rybak F., Castella, E., Llusia, D., Sueur J., 2018. Acoustic communities reflects lateral hydrological connectivity in riverine floodplain similarly to macroinvertebrate communities. *Scientific Reports* 8: 14387.
- Desjonquères C., Rybak F., Depraetere M., Gasc A., Le Viol I., Pavoine S. & Sueur J., 2015. First description of underwater acoustic diversity in three temperate ponds. *PeerJ* 3: e1393.
- Desutter-Grandcolas L., Jacquelin L., Hugel S., Boistel R., Garrouste R., Henrotay M., Warren B. H., **Chintauan-Marquier I. C.**, Nel P., Grandcolas P., Nel A., 2017. 3-D imaging reveals four extraordinary cases of convergent evolution of acoustic communication in crickets and allies (Insecta). *Scientific Reports* 7: 7099.
- Desutter-Grandcolas L., Anso J., Jourdan H., 2016. Crickets of New Caledonia (Insecta, Orthoptera, Grylloidea): a key to genera, with diagnoses of extant genera and descriptions of new taxa. *Zoosystema* 38: 405-452.
- Detroit F., Mijares A.S., Corny J., Daver G., Zanolli C., Dizon E., Robles E., Grun R. & Piper P.J., 2019. A new species of Homo from the Late Pleistocene of the Philippines. *Nature* 568: 181-186.
- Dijkstra H.H. & Maestrati P., 2017. New species and new records of littoral and bathyal living Pectinoidea (Bivalvia: Propeamussiidae, Cyclochlamydidae, Pectinidae) from the western and southwestern Pacific. *Zoosystema* 39: 473-485.
- Dillehay T. D., Bonavia D., Goodbred S., Pino M., Vasquez V., Tham T. R., Conklin W., Splitstoser J., Piperno D., Iriarte J., Grobman A., Levi G., Lazzaris, Moreira D., Lopéz M., Tung T., Titelbaum A., Verano J., Adovasio J., Scott Cummings L., Béarez P., Dufour E., **Tombret O.**, Ramirez M., Beavins R., DeSantis L., Rey I., Mink P., Maggard G. & Franco T., 2012. Chronology, mound-building and environment at Huaca Prieta, Coastal Peru, from 13 700 to 4000 years ago. *Antiquity* 86: 48-70.
- Dong J.J., Vicente N., **Chintauan-Marquier I.**, Ramadi C., Dettai A. & Robillard, T., 2017. Complete mitochondrial genome and taxonomic revision of *Cardiodactylus muiri* Otte, 2007 (Gryllidae: Eneopterinae: Lebinthini). *Zootaxa* 4268: 101-116.
- Drexler J.-F., Corman V.-M., Lukashev A.-N., Van den Brand J.-M., Gmyl A.-P., Brünink S., Rasche A.,

Seggewi N., Feng H., Leijten L.-M., Vallo P., Kuiken T., Dotzauer A., Ulrich R.-G., Lemon S.-M., Drosten C. & Hepatovirus Ecology Consortium, 2015. Evolutionary origins of hepatitis A virus in small mammals. *Proceedings of the National Academy of Science U.S.A.* 112: 15190-15195.

Dubos N., Dehorter O., Henry P-Y. & Le Viol I., 2019. Thermal constraints on body size depend on the population position within the species' thermal range in temperate songbirds. *Global Ecology and Biogeography* 28: 96-106.

Dubos N., Le Viol I., Robert A., Teplitsky C., Ghislain M., Dehorter O., Julliard R. and Henry P. Y., 2018. Disentangling the effects of spring anomalies in climate and net primary production on body size of temperate songbirds. *Ecography* 41: 1319-1330.

Ducasse J., Ung V., Lecointre G. & **Miralles A.**, 2020. LIMES: a tool for comparing species partition, *Bioinformatics*, btz911

Duris Z. & Horka I., 2017. Towards a revision of the genus *Periclimenes*: resurrection of *Ancyllocaris* Schenkel, 1902, and designation of three new genera (Crustacea, Decapoda, Palaemonidae). *Zookeys* 646: 25-44.

Duris Z. & Horka I., 2016. *Salmaneus chadwickae*, a new alpheid shrimp (Crustacea: Decapoda: Alpheidae) from the Red Sea, with remarks on related or regional congeners. *Marine Biodiversity* 46: 773-793.

Dutel H., Galland M., Tafforeau P., Long J. A., Fagan M. J., Janvier P., Herrel A., Santin M. D., Clément G. & Herbin M., 2019. Neurocranial development of the coelacanth and the evolution of the sarcopterygian head. *Nature* 569: 556–559.

Dutel H., Herbin M., Clément G. & Herrel A., 2015. Bite force in the extant coelacanth *Latimeria*: the role of the intracranial joint and the basicranial muscle. *Current Biology* 25: 1228- 1233.

Dutel H., Herbin M. & Clément G., 2015. First occurrence of a mawsoniid coelacanth in the Early Jurassic of Europe. *Journal of Vertebrate Paleontology* 35: e929581.

Dutel H., Herrel A., Clément G. & Herbin M., 2015. Redescription of the hyoid apparatus and associated musculature in the extant coelacanth *Latimeria chalumnae*: functional implications for feeding. *The Anatomical Record* 298: 579-601.

Dutel H., Herrel A., Clément G. & Herbin M., 2013. A re-evaluation of the anatomy of the jaw-closing system in the extant coelacanth *Latimeria chalumnae*. *Naturwissenschaften* 100: 1007-1022.

Ellis, L.T. & al., 2019. New national and regional bryophyte records, 58. *Journal of Bryology* 41: 63-84.

Ellis, L.T. & al., 2018. New national and regional bryophyte records, 55. *Journal of Bryology* 40: 173-178.

Ellis, L.T. & al., 2018. New national and regional bryophyte records, 56. *Journal of Bryology* 40: 271-296.

Ellis L.T. & al., 2017. New national and regional bryophyte records, 53. *Journal of Bryology* 39: 368-387.

Erens J., **Miralles A.**, Glaw F., Chatroub L. W. & Vencesa M., 2017. Extended molecular phylogenetics and revised systematics of Malagasy scincine lizards. *Molecular Phylogenetics and Evolution* 107: 466-472.

Evangelista D., Thouze F., Kohli M.K., Lopez P. & Legendre F., 2018. Topological support and data quality can only be assessed through multiple tests in reviewing Blattodea phylogeny. *Molecular Phylogenetics and Evolution* 128: 112-122.

Evin A., Girdland Flink L., Bălăşescu A., Popovici D., Andreescu R., Bailey D., Mirea P., Lazăr C., Boroneanț A., Bonsall C., Vidarsdottir U.-S., Brehard S., Tresset A., Cucchi T., Larson G. & **Dobney K.**, 2015. Unravelling the complexity of domestication: a case study using morphometrics and ancient DNA analyses of archaeological pigs from Romania. *Philosophical Transactions of the Royal Society B: Biological Sciences* 370: 20130616.

Evin A., **Dobney K.**, Schafberg R., Owen J., Vidarsdottir U., Larson G. & Cucchi, T., 2015. Phenotype and animal domestication: A study of dental variation between domestic, wild, captive, hybrid and insular *Sus scrofa*. *BMC Evolutionary Biology* 15: 6.

Evin A., Cucchi T., Escarguel G., Owen J., Larson G., Vidarsdottir U.-S. & **Dobney K.**, 2014. Using traditional biometrical data to distinguish West Palearctic wild boar and domestic pigs in the archaeological record: new methods and standards. *Journal of Archaeological Science* 43: 1-8.

Evin A., Girdland Flink L., Krause-Kyora B., Makarewicz C., Hartz S., Schreiber S., von Wurmb-Schwark N., Nebel A., von Carnap-Bornheim C., Larson G. & **Dobney K.**, 2014. Exploring the complexity of domestication: a response to Rowley-Conwy and Zeder. *World Archaeology* 46:825-834.

Evin A., Cucchi T., Cardini A., Vidarsdottir U.-S., Larson G. & **Dobney K.**, 2013. The long and winding road: identifying pig domestication through molar size and shape. *Journal of Archaeological Science* 40: 735-743.

Falguères C., Richard M., **Tombret O.**, Shao Q., Bahain J.-J., Gopher A. & Barkai R., 2015. New ESR/U-series dates in Yabrudian and Amudian layers at Qesem cave, Israel. *Quaternary International* 398: 6-12.

Fassio G., Modica M.V., Mary L., Zaharias P., Fedosov A.E., Gorson J., Kantor Y.I., Holford M. & Puillandre N., 2019. Venom Diversity and Evolution in the Most Divergent Cone Snail Genus *Profundiconus*. *Toxins* 11:11-623

Fernández-Monescillo M., Antoine P.-O., Pujos F., **Gomes Rodrigues H.**, Quispe B., Orliac M., 2017. Virtual Endocast Morphology of Mesotheriidae (Mammalia, Notoungulata, Typotheria): New Insights and Implications on Notoungulate Encephalization and Brain Evolution. *Journal of Mammalian Evolution* 26: 85-100.

Filippo A., Khalthoff D., Billet G. & **Gomes Rodrigues H.**, 2019. Evolutionary and functional implications of incisor enamel microstructure diversity in Notoungulata (Euungulata, Mammalia). *Journal of Mammalian Evolution* doi: 10.1007/s10914-019-09462-z.

Fisler M., Crémère C., Darlu P., Lecointre G., 2020. The treeness of the tree of historical trees of life. *PLoS ONE* 15(1): e0226567. <https://doi.org/10.1371/journal.pone.0226567>

Fisler M. & Lecointre G., 2013. Categorizing Ideas about Trees: A Tree of Trees. *Plos One* 8: e68814.

Florent I., Chapuis M. P., Labat A., Boisard J., Leménager N., Michel B. & Desportes-Livage I., 2021. Integrative taxonomy confirms that Gregarina garnhami and G. acridorum (Apicomplexa, Gregarinidae), parasites of *Schistocerca gregaria* and *Locusta migratoria* (Insecta, Orthoptera), are distinct species. *Parasite* 28 12.

Fraimout A. & Monnet A.-C., 2018. Accounting for intraspecific variation to quantify niche dynamics along the invasion routes of *Drosophila suzukii*. *Biological Invasions* 20: 2963-2979.

Fraimout A., Jacquemart P., Villaroel B., Aponte D. J., Decamps T., Herrel A., Cornette R. & Debat V., 2018. Phenotypic plasticity of *Drosophila suzukii* wing to developmental temperature: implications for flight. *Journal of Experimental Biology* 221: jeb166868.

Fraimout A., Debat V., Fellous S., Hufbauer R., Foucaud J., Pudlo P., Marin J. -M., Price D. K., Cattel J., Chen X., Deprá M., Duyck P. F., Guedot C., Loeb G., Kenis M., Kimura M. T., Loiseau A., Martinez-Sañudo I., Pascual M., Polihronakis Richmond M., Shearer P., Singh N., Tamura K., Xuéreb A., Zhang J. & Estoup A., 2017. Deciphering the routes of invasion of *Drosophila suzukii* by means of ABC random forest. *Molecular Biology and Evolution* 34: 980-996.

Fraimout A., Loiseau A., Price D. K., Xuereb A., Martin J-F., Vitalis R., Fellous R., Debat V. & Estoup V., 2015. New set of microsatellite markers for the spotted-wing *Drosophila suzukii* (Diptera: Drosophilidae):

a promising molecular tool to infer the invasion history of this major insect pest. *European Journal of Entomology* 112: 855-859.

Fricke R., Allen G.R., Amon D., Andrefouet S., Chen W.J., Kincj J., Mana R., Russell B.C., Tully D. & White W.T., 2019. Checklist of the marine and estuarine fishes of New Ireland Province, Papua New Guinea, western Pacific Ocean, with 810 new records. *Zootaxa* 4588 doi: 10.11646/zootaxa.4588.1.1

Fricke R., 2018. *Ostichthys spiniger*, a new species of soldierfish from New Ireland, Papua New Guinea, western Pacific Ocean (Teleostei: Holocentridae). *Ichthyological Research* 65: 127-133.

Fricke R., 2018. Two new species of stargazers of the genus *Uranoscopus* (Teleostei: Uranoscopidae) from the western Pacific Ocean. *Zootaxa* 4476: 157-167.

Fricke R., 2016. *Synchiropus novaehiberniensis*, a new species of dragonet from New Ireland, Papua New Guinea, western Pacific Ocean, with a review of subgenus *Synchiropus* (*Neosynchiropus*) and description of a new subgenus (Teleostei: Callionymidae). *Journal of Natural History* 50: 3003-3028.

García-Cortés L.-A., Austerlitz F. & de Cara M.A.R., 2019. An evaluation of the methods to estimate effective population size from measures of linkage disequilibrium. *Journal of Evolutionary Biology* 32: 267-277.

Garrouste R., Lapeyrie J., Steyer J.-S., Giner S. & Nel A., 2017. Insects in the Red Middle Permian of Southern France: first Protanisoptera (Odonatoptera) and new Caloneurodea (Panorthoptera), with biostratigraphical implications. *Historical Biology* 30: 546-553.

Garrouste R., Hugel S., Jacqueline L., Rostan P., Steyer J.-S., Desutter-Grandcolas L. & Nel A., 2016, Insect mimicry of plants dates back to the Permian. *Nature Communications* 7: 13735.

Gasc A., Anso J., Sueur J., Jourdan H. & Desutter-Grandcolas L., 2018. Cricket calling communities as an indicator of the invasive ant *Wasmannia auropunctata* in an insular biodiversity hotspot. *Biological Invasions* 20: 1099-1111.

Genuine K., Delannoy J.-J., Bahain J.-J., Gresse M., Jaillet S., Philippe A., Pons-Branchu E., Revil A. & Voinchet P., 2021. Dating the landscape evolution around the Chauvet-Pont d'Arc cave. *Scientific Reports* 11, 8944

Gnezdilov V.-M., Bourgoin T. & Soulier-Perkins A., 2014. Vietnamese Issidae (Hemiptera, Fulgoroidea): new taxa, new records and new distribution data. *Zootaxa*, 3847: 80-96.

Gnezdilov V.-M., Bourgoin T. & Soulier-Perkins A., 2014. A new genus of the tribe Caliscelini (Hemiptera, Fulgoroidea, Caliscelidae) from Vietnam. *Zootaxa*, 3900: 255-262.

Golovatch S., 2016. The millipede family Cryptodesmidae in Indochina (Diplopoda, Polydesmida). *Zookeys* 578: 33-43.

Gomes Rodrigues H., Cornette R., Clavel J., Cassini G., Bhullar B-AS, Fernández-Monescillo M., Moreno K., Herrel A. & Billet G., 2018 Differential influences of allometry, phylogeny and environment on the rostral shape diversity of extinct South American notoungulates. *R. Soc. Open Sci.* 5: 171816.

Gomes Rodrigues H., Herrel A. & Billet G., 2017. Ontogenetic and life history trait changes associated with convergent ecological specializations in extinct ungulate mammals. *Proceedings of the National Academy of Science, U.S.A.* 114: 1069-1074.

Gomes Rodrigues H., Lefebvre R., Fernández-Monescillo M., Mamani Quispe B. & Billet G., 2017. Ontogenetic variations and structural adjustments in mammals evolving prolonged to continuous dental growth. *Royal Society open sci.* 4: 170494.

Goodman S., Kearney T., Ratsimbazafy M., & Hassanin A., 2017. Description of a new species of

Neoromicia (Chiroptera: Vespertilionidae) from southern Africa: A name for “*N. cf. melckorum*”. *Zootaxa* 4236: 351-374.

Guillaud E., Béarez P., Daujeard C., Defleur A. R., Desclaux E., Roselló-Izquierdo E., Morales-Muñiz A. & Moncel M.-H., 2021. Neanderthal foraging in freshwater ecosystems: A reappraisal of the Middle Paleolithic archaeological fish record from continental Western Europe. *Quaternary Science Reviews*, Vol. 252.

Guillaud E., Morales-Muñiz A., Roselló-Izquierdo E. & Béarez P., 2019. Taphonomy of Yellow-legged Gull (*Larus michahellis*) pellets from the Chafarinas islands (Spain). *Canadian Journal of Zoology* 97: 100-111.

Guillaud E., Lebreton L. & Béarez P., 2018. Taphonomic signature of Eurasian eagle owl (*Bubo bubo*) on fish remains. *Folia Zoologica* 67: 143-153.

Guillot J., Vermeulen B., Lafosse S., **Cibot M., Narat V., Masi S., Nieguitsila A., L'Hostis M., Snounou G., Bain O. & Krief S.**, 2011. Les nématodes du genre *Oesophagostomum*: un risque émergent pour l'Homme et les grands singes en Afrique ? *Bulletin de l'Académie nationale de médecine* 195: 1955-1963.

Hanot P., Herrel A., Guintard C. & Cornette R., 2017. Morphological integration in the appendicular skeleton of two domestic taxa: the horse and donkey. *Proceedings of the Royal Society B* 284: 20171241.

Harbers H., **Neaux D., Ortiz K., Blanc B., Schafberg R., Haruda A., Casabianca F., Studeur J., Renaud S., Cornette R., Locatelli Y., Vigne J-D., Herrel A. & Cucchi T.**, 2020. The mark of captivity: plastic responses in the ankle bone of a wild ungulate (*Sus scrofa*). *The Royal Society Open Sci.* 7: 192039

Harpet C., Combo A.-S., Hladik C.-M., Simmen B. & Riéra B., 2014. Méthode d'évaluation des perceptions et des représentations locales sur un échantillon ciblé de la faune et de la flore de la côte ouest de Madagascar. *Revue d'écologie – la Terre et la Vie* 69: 351-355.

Hassanin A., Bonillo C., Tshikung D. & al., 2020. Phylogeny of African fruit bats (Chiroptera, Pteropodidae) based on complete mitochondrial genomes. *Journal of Zoological Systematics and Evolutionary Research* 2020;00:1-16.

Hassanin A., Colombo R., Gembu G.C., Merle M., Tu V.T., Gorfol T., Akawa P.M., Csorba G., Kearney T., Monadjem A. & Ing R.K., 2018. Multilocus phylogeny and species delimitation within the genus *Glauconycteris* (Chiroptera, Vespertilionidae), with the description of a new bat species from the Tshopo Province of the Democratic Republic of the Congo. *Journal of Zoological Systematics and Evolutionary Research* 56: 1-22.

Hassanin A., Khouider S., Gembud G.-C., Goodman S.-M., Kadjo B., Nesi N., Pourrut X., Nakouné E. & Bonillo C., 2015. The comparative phylogeography of fruit bats of the tribe *Scotonycterini* (Chiroptera, Pteropodidae) reveals cryptic species diversity related to African Pleistocene forest refugia. *Comptes Rendus Biologies* 338: 197-211.

Hassanin, A., Nesi, N., Marin, J., Kadjo, B., Pourrut, X., Leroy, E., Gembu, G.C., Akawa, P.M., Ngoagouni, C., Nakoune, E., Ruedi, M., Tshikung, D., Shongo, C.P., Bonillo, C., 2016. Comparative phylogeography of African fruit bats (Chiroptera, Pteropodidae) provide new insights into the outbreak of Ebola virus disease in West Africa, 2014-2016. *Comptes rendus Biologies* 339 : 517-528.

Hernandez M., Bahain J.-J., Mercier N., Tombret O., Falgueres C. & Jaubert J., 2015. Dating results on sedimentary quartz, bones and teeth from the Middle Pleistocene archaeological site of Coudoulous I (Lot, SW France): A comparative study between TT-OSL and ESR/U-series methods. *Quaternary Geochronology*, 30: 493-497.

Herrel A., Lowie A., Miralles A., Gaucher P., Kley N. J., Measey J., & Tolley K. A., 2021. Burrowing in blindsnakes: A preliminary analysis of burrowing forces and consequences for the evolution of

- morphology. *The Anatomical Record*, 1– 11. <https://doi.org/10.1002/ar.24686>
- Herrel A., Joly D. & Danchin E., 2020. Epigenetics in ecology and evolution. *Funct. Ecol.* 34: 381-384. Doi: 10.1111/1365-2435.13494
- Hoch H., Bourgoin T., Faille A. & Soulier-Perkins A., 2017. A New Species of *Bennini* (Hemiptera, Cixiidae) from Granitic Subterranean Environment in Vietnam, an Under-Investigated Biotope. *Annales Zoologici* 67: 1-12.
- Huby H., **Mansuit R.**, Herbin M. & Herrel A., 2021. Revision of the muscular anatomy of the paired fins of the living coelacanth *Latimeria chalumnae* (Sarcopterygii: Actinistia), *Biological Journal of the Linnean Society*, <https://doi.org/10.1093/biolinnean/blab047>
- Ing R.K., Colombo R., Gembu G.-C., **Bas Y.**, Julien J.-F., Gager Y. & Hassanin A., 2016. Echolocation calls and flight behaviour of the elusive Pied Butterfly Bat (*Glauconycteris superba*), and new data on its morphology and ecology. *Acta Chiropterologica* 18: 477-488.
- Ingicco T., van den Bergh G. D., Jago-on C., Bahain J.-J., Chacón M. G., Amano N., Forestier H., King C., Manalo K., Nomade S., Pereira A., Reyes M. C., Sémah A.-M., Shao Q., Voinchet P., Falguères C., Albers P. C. H., Lising M., Lyras G., Yurnaldi D., Rochette P., Bautista A. & de Vos J., 2018. Earliest known hominin activity in the Philippines by 709 thousand years ago. *Nature* 557 : 233-237.
- Jacquelin L., Desutter-Grandcolas L., **Chintauan-Marquier I.**, Boistel R., Zheng D., Prokop J. & Nel A., 2018. New insights on basivenal sclerites using 3D tools and homology of wing veins in Odonatoptera (Insecta). *Scientific Reports* 8: 238.
- Jiguet F., Robert A., Lorrillièr R., Hobson K.A., Kardynal K.J., Arlettaz R., Bairlein F., Belik V., Bernardy P., Copete J.L., Czajkowski M.A., Dale S., Dombrovski V., Ducros D., Efrat R., Elts J., Ferrand Y., Marja R., Minkevicius S., Olsson P., Pérez M., Piha M., Raković M., Schmaljohann H., Seimola T., Selstam G., Siblet J.-P., Skierczyński M., Sokolov A., Sondell J., **Moussy C.**, 2019. Unravelling migration connectivity reveals unsustainable hunting of the declining ortolan bunting. *Science Advances* 5: 2642.
- Judson M. L. I., 2017. A new subfamily of Feaellidae (Arachnida, Chelonethi, Feaelloidea) from Southeast Asia. *Zootaxa* 4258: 1-33.
- Kantor Y.I., Stahlschmidt P., Aznar-Cormano L., Bouchet P. & Puillandre N., 2017. Too familiar to be questioned? Revisiting the *Crassispira cerithina* species complex (Gastropoda: Conoidea: Pseudomelatomidae). *Journal of Molluscan Studies* 83: 43-55.
- Karadjian G., Hassanin A., Saintpierre B., Gembu Tungaluna G.C., Ariey F., Ayala F.J., Landau I., **Duval L.**, 2016. Highly rearranged mitochondrial genome in Nycteria parasites (Haemosporidia) from bats. *Proceedings of the National Academy of Sciences of the United States of America*. 113: 9834-9839.
- Karadjian G., Martinsen E., **Duval L.**, Chavatte J.-M. & Landau I., 2014. *Haemoproteus ilanpapernai* n. sp. (Apicomplexa, Haemoproteidae) in *Strix seloputo* from Singapore: morphological description and reassignment of molecular data. *Parasite* 21: 17.
- Karadjian G., Puech M.-P., **Duval L.**, Chavatte J.-M., Snounou G. & Landau I., 2013. Haemoproteus syrnii in *Strix aluco* from France: morphology, stages of sporogony in a hippoboscid fly, molecular characterization and discussion on the identification of *Haemoproteus* species. *Parasite* 20: 32.
- Keil P., MacDonald, A.A.M., Ramirez K.S., Bennett J.M., García-Peña G.E., **Yguel B.**, Bourgeois B., Meyer C., 2017. Macroecological and macroevolutionary patterns emerge in the universe of GNU/Linux operating systems. *Ecography* 41: 1788–1800.
- Kerr E.**, Cornette R., **Gomes Rodrigues H.**, Renaud S., Chevret P., Tresset A. & Herrel A., 2017. Can functional traits help explain the coexistence of two species of *Apodemus*? *Biological Journal of the*

Linnean Society 122: 883-896.

Khonsari R. H., Seppala M., Pradel A., Dutel H., Clément G., Lebedev O., Ghafoor S., Rothova M., Tucker A., Maisey J. G., Fan C-M., Ohazama A., Tafforeau P., Janvier P., Cobourne M. T. & Sharpe P. T., 2013. The buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling. *BMC Biology* 11: 27.

Komai T. & Chan T.Y., 2016. "Symmetrical" hermit crabs of the family Pylochelidae (Crustacea: Decapoda: Anomura) collected by the "BIOPAPUA" and "PAPUA NIUGINI" expeditions in the Papua New Guinea, with descriptions of two new species. *Zootaxa* 4088: 301-328.

Kondratyeva A., Knapp S., Durka W., Kühn I., Vallet J., Machon N., Martin G., Motard E., Grandcolas P. & Pavoine S., 2020. Urbanization effects on biodiversity revealed by a two-scale analysis of species functional uniqueness versus redundancy. *Frontiers in Ecology and Evolution* 2020.00073

Kondratyeva A., Grandcolas P. & Pavoine S., 2019. Reconciling the concepts and measures of diversity, rarity and originality in ecology and evolution. *Biological Reviews* 94: 1317-1337.

Kouvari M., Herrel A. & Cornette R., 2021. Humans and climate as possible drivers of the morphology and function of the mandible of *Suncus etruscus* in Corsica. *Journal of Archaeological Science*, Vol. 132.

Krief S., Watts D., Mitani J., Krief J.-M., **Cibot M.**, Bortolamiol S., Seguya A. & Couly G., 2014. Two cases of cleft lip and other congenital anomalies in wild chimpanzees living in Kibale National Park, Uganda. *The Cleft Palate-Craniofacial Journal* 52: 743-50.

Krief S., **Cibot M.**, Bortolamiol S., Seguya A., Krief J.-M. & Masi S., 2014. Wild chimpanzees on the edge: nocturnal activities in cropland. *PLoS ONE* 9: e109925.

Krief S., Levrero F., Krief J.-M., Thanapongpuchat S., Imwong M., Snounou G., Kasenene J.-M., **Cibot M.** & Gantier J.-C., 2012. Investigations on anopheline mosquitoes close to the nest sites of chimpanzees subject to malaria infection in Ugandan highlands. *Malaria Journal* 11, 116.

Lalis A., Leblois R., **Stoetzel E.**, Benazzou T., Soutou K., Denys C. & Nicolas V. P., 2016. Phylogeography and demographic history of Shaw's Jird (*Meriones shawii* complex) in North Africa. *Biological Journal of the Linnean Society*, 118: 262-279.

Lamy D., **Robuchon M.**, Kervran L., Dennetiere B., Feunteun E. & Le Gall L., 2016. Dinard Herbarium: History of a Marine Station. *Cryptogamie, Algologie* 37: 29-45.

Landes J., Perret M., Hardy I., Camarda C. G., Henry P.-Y. & Pavard, S., 2017, State transitions: a major mortality risk for seasonal species. *Ecology Letters* 20: 883-891.

Lazzerini N., Coulon A., Simon L., Marchina C., Fiorillo D., Turbat T., Bayarkhuu N., Noûs C., Lepetz S. & Zazzo A., 2021. The isotope record ($\delta^{13}\text{C}$, $\delta^{18}\text{O}$) of vertical mobility in incremental tissues (tooth enamel, hair) of modern livestock: A reference set from the Mongolian Altai. *Quaternary International*, Vol. 595.

Lazzerini N., Balter V., Coulon A., Tacail T., Marchina C., Lemoine M., Bayarkhuu N., Turbat T., Lepetz S. & Zazzo A., 2021. Monthly mobility inferred from isoscapes and laser ablation strontium isotope ratios in caprine tooth enamel. *Scientific Reports* 11, 2277

Lazzerini N., Zazzo A., Coulon A., Marchina C., Bayarkhuu N., Bernard V., Cervel M., Fiorillo D., Joly D., Noûs C., Turbat T. & Lepetz S., 2020. Season of death of domestic horses deposited in a ritual complex from Bronze Age Mongolia: Insights from oxygen isotope time-series in tooth enamel. *Journal of Archaeological Science: Reports*, Volume 32.

Lazzerini N., Zazzo A., Coulon A., Turbat T., Marchina C. & Lepetz S., 2020. Date of death of domestic

caprines assessed by oxygen isotopic analysis of developing molars: Implications for deciphering the calendar of pastoral activities in prehistory. *Journal of Archaeological Science: Reports*, Volume 120.

Lazzerini N., Coulon A., Simon L., Marchina C., Noost B., Lepetz S. & Zazzo A., 2019. Grazing high and low: Can we detect horse altitudinal mobility using high-resolution isotope ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values) time series in tail hair? A case study in the Mongolian Altai. *Rapid Communications in Mass Spectrometry* 33: 1512-1526.

Le Bomin S., Lecointre G. & Heyer E., 2016. The Evolution of Musical Diversity: The Key Role of Vertical Transmission. *PLoS ONE* 11: e0151570.

Le Bras G., Pignal M., Jeanson M. L., Muller S., Aupic C., Carré B., Flament G., Gaudeul M., Gonçalves C., Invernón V. R., Jabbour F., Lerat E., Lowry P. P., Offroy B., Pérez Pimparé E., Poncy O., Rouhan G. & Haevermans T., 2017. The French Muséum national d'histoire naturelle vascular plant herbarium collection dataset. *Scientific Data* 4: 170016.

Le Gros A., Samadi S., Zuccon D., Cornette R., Braun M., Senar JC. & Clergeau P., 2016. Rapid morphological changes, admixture and invasive success in populations of Ring-necked parakeets (*Psittacula krameri*) established in Europe. *Biological Invasions* 18: 1581-1598.

Le Gros A., Clergeau P., Zuccon D., Cornette R., Mathhys B. & Samadi S., 2016. Invasion history and demographic processes associated with rapid morphological changes in the Red-whiskered bulbul established on tropical islands. *Molecular Ecology* 25: 5369-5376.

Le Guilloux M., Miralles A., Measey J., Vanhooydonck B., O'Reilly J., Lowie A. & Herrel A., 2020. Trade-offs between burrowing and biting force in fossorial scincid lizards? *Biol. J. Linn. Soc.* 130: 310-319. doi: 10.1093/biolinnean/blaa031

Le Meillour L., Zazzo A., Lesur J., Cersoy S., Marie A., Lebon M., Pleurdeau D. & Zirah S., 2018. Identification of degraded bone and tooth splinters from arid environments using palaeoproteomics. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 511: 472-482.

Le Roy C., Cornette R., Llaurens V. & Debat V., 2019. Effects of natural wing damage on flight performance in *Morpho* butterflies: what can it tell us about wing shape evolution? *The Journal of Experimental Biology* 222: jeb204057.

Le Roy C., Debat V. & Llaurens V., 2019. Adaptive evolution of butterfly wing shape: from morphology to behaviour. *Biological Reviews* 94: 1261-1281.

Lee M.R., Bernhardt E.S., van Bodegom P.M., Cornelissen J.H.C., Kattge J., Laughlin D.C., Niinemets Ü., Peñuelas J., Reich P.B., Yguel, B. & Wright J.P., 2017. Invasive species' leaf traits and dissimilarity from natives shape their impact on nitrogen cycling: a meta-analysis. *New Phytologist* 213: 128–139.

Lefebvre V. **Daugeron C., Villemant C., & Fontaine C.**, 2019. Empidine dance flies pollinate the woodland geranium as effectively as bees. *Biology Letters* 15: 20190230.

Lefebvre V., Villemant C., Fontaine C. & Daugeron C., 2018. Altitudinal, temporal and trophic partitioning of flower-visitors in Alpine communities. *Scientific Reports* 8: 4706.

Lemaitre, J.F., **Pavard, S.**, Giraudeau, M., Vincze, O., Jennings, G., Hamede, R., Ujvari, B., Thomas, F., 2019. Eco-evolutionary perspectives of the dynamic relationships linking senescence and cancer. *Functional Ecology* doi: 10.1111/1365-2435.13394.

Libourel P-A., Barillot B., Arthaud S., Massot B., Morel A.L., Beuf O., Herrel A. & Luppi P.H., 2018. Partial homologies between sleep states in lizards, mammals, and birds suggest a complex evolution of sleep states in amniotes. *PLOS Biology* 16: e2005982.

Lorenz F. & Puillandre N., 2015. *Conus hughmorrisoni*, a new species of cone snail from New Ireland, Papua New Guinea (Gastropoda: Conidae). *European Journal of Taxonomy* 129: 1-15.

Louppe V., Herrel A., Pisanu B., Grouard S., Veron G., 2021. Assessing occupancy and activity of two invasive carnivores in two Caribbean islands: implications for insular ecosystems. *Journal of Zoology*, Vol. 313:3

Louppe V., Lalis A., Abdelkrim J., Baron J., Bed'Hom B., Becker A., Catzeflis F., Lorvelec O., Zieger U. & Veron G., 2021. Dispersal history of a globally introduced carnivore, the small Indian mongoose *Urva auropunctata*, with an emphasis on the Caribbean region. *Biological Invasions*. 23. 1-18. 10.1007/s10530-021-02523-6.

Louppe V., Baron J., Pons J.-M. & Veron G., 2020. New insights on the geographical origins of the Caribbean raccoons. *Journal of Zoological Systematics and Evolutionary Research*, Vol 58, Issue 4. Doi 10.1111/jzs.12382

Louppe V., Leroy B., Herrel A. & Veron G., 2020. The globally invasive small Indian mongoose *Urva auropunctata* is likely to spread with climate change. *Scientific Reports* 9: 9174.

Louppe V., Leroy B., Herrel A. & Veron G., 2019. Current and future climatic regions favourable for a globally introduced wild carnivore, the raccoon *Procyon lotor*. *Scientific Reports* 10: 7461.

Mansuit R. & Herrel A., 2021. The evolution of appendicular muscles during the fin-to-limb transition: possible insights through studies of soft tissues, a perspective. *Front. Ecol. Evol.* Doi: 10.3389/fevo.2021.702576

Mansuit R., Clément G., Herrel A., Dutel H., Tafforeau P., Santin M.D. & Herbin M., 2020. Development and growth of the pectoral girdle and fin skeleton in the extant coelacanth *Latimeria chalumnae*. *Journal of Anatomy*, 236: 493-509. doi:10.1111/joa.13115

Mansuit R., Clément G., Herrel A., Dutel H., Tafforeau P., Santin M.D. & Herbin M., 2020. Development and growth of the pelvic fin in the extant coelacanth *Latimeria chalumnae*. *Anat Rec.* 2020;1-18. DOI: 10.1002/ar.24452

Manuel M. & Ramahandrisson A.T., 2017. *Canthyporus reebae* sp nov from the Itremo and Andringitra mountains of central eastern Madagascar (Coleoptera: Dytiscidae: Hydroporinae). *Zootaxa* 4273: 131-140.

Martinovka N., Barnett R., Cucchi T., Struchen R., Pascal M., Fischer M.-C., Higham T., Brace S., Ho S.-Y.-W., Quere J.-P, O'Higgins P., Excoffier L., Heckel G., Hoelzel A.-R., **Dobney K.-M.** & Searle J.-B., 2013. Divergent evolutionary processes associated with colonization of offshore islands. *Molecular Ecology* 22: 5205-5220.

Masi S., Austerlitz F., Chabaud C., Lafosse S., Marchi N., Georges M., Dessarps-Freichey F., Miglietta S., Sotto-Mayor A., **Galli A.S.**, Meulman E., Pouydebat E., Krief S., Todd A., Fuh T., Breuer T., Ségurel L., 2021. No evidence for female kin association, indications for extragroup paternity, and sex-biased dispersal patterns in wild western gorillas. *Ecol Evol.* 25;11(12):7634-7646. doi: 10.1002/ece3.7596.

Masi S. & Bouret S., 2015. Odor signals in wild western lowland gorillas: an involuntary and extra- group communication hypothesis, *Physiology & Behavior* 145: 123-126.

Mauran G., Caron B., Détroit F., Nankela A., Bahain J.-J., Pleurdeau D. & Lebon M., 2021. Data pretreatment and multivariate analyses for ochre sourcing: Application to Leopard Cave (Erongo, Namibia). *Journal of Archaeological Science: Reports*, Vol. 35.

Mauran G., Lebon M., Lapauze O., Nankela A., Detroit F., Lesur J., Bahain J.-J., & Pleurdeau D., 2020. Archaeological ochres of the rock art site of Leopard Cave (Erongo, Namibia): looking for Later Stone Age

socio-cultural behaviours. *African Archaeological Review*, Springer Verlag, doi 10.1007/s10437-020-09394-7.

Mauran G., Lebon M., Detroit F., Caron B., Nankela A., Pleurdeau D., & Bahain J.J., 2019. First in situ pXRF analyses of rock paintings in Erongo, Namibia: results, current limits, and prospects. *Archaeological and Anthropological Sciences* 11: 4123-4145.

Meunier F.J., Mondejar-Fernandez J., Goussard F., Clément G. & Herbin M., 2015. Presence of plicidentine in the oral teeth of the coelacanth *Latimeria chalumnae* Smith 1939 (Sarcopterygii, Actinistia). *Journal of structural biology* 190: 31-37.

Michaud M., Veron G., Peigné S., Blin A. & Fabre A-C., 2018. Are phenotypic disparity and rate of morphological evolution correlated with ecological diversity in Carnivora? *Biological Journal of the Linnean Society* 124: 294-307.

Miglietta S., Bardino G., Sotto-mayor A., San Galli A., Meulman E., Breuer T., Fuh T. & Masi S., 2021. Absence of specific individuals and high food abundance elicit food calls in wild western gorillas. *Behav Ecol Sociobiol* 75, 98.

Miralles A., Marin J., Markus D., Herrel A., Hedges B.S. & Vidal N., 2018. Molecular evidence for the paraphyly of Scolecophidia and its evolutionary implications. *Journal of Evolutionary Biology* 31: 1782-1793.

Mitchell R.L., Strullu-Derrien C. & Kenrick P., 2019. Biologically mediated weathering in modern cryptogamic ground covers and the early Paleozoic fossil record. *Journal of the Geological Society* 176: 430-439.

Monniot F., 2021. New records of deep-sea ascidians (Tunicata, Ascidiacea) from the New Caledonia region. *Zootaxa*, 4996(3), 443–468.

Monniot F. & Lopez-Legentil S., 2017. Deep-sea ascidians from Papua New Guinea. *Zootaxa* 4276: 529-538.

Moussy C., Arlettaz R., Copete J.L., Dale S., Dombrovski V., Elts J., Lorrillière R., Marja R., Pasquet E., Piha M., Rakovic M., Seimola T., Selstam G. & Jiguet F., 2018. The genetic structure of the European breeding populations of a declining farmland bird, the ortolan bunting (*Emberiza hortulana*), reveals conservation priorities. *Conservation Genetics* 19: 909-922.

Mulazzani S., Belhouchet L., Salanova L., Aouadi N., Dridi Y., Eddargach W., Morales J., Tombret O., Zazzo A. & Zoughlami J., 2016. The emergence of the Neolithic in North Africa: A new model for the Eastern Maghreb. *Quaternary International* 410: 123-143.

Nattier R., Pellens R., Robillard T., Jourdan H., Legendre F., Caesar M., Nel A., Grandcolas P., 2017. Updating the Phylogenetic Dating of New Caledonian Biodiversity with a Meta-analysis of the Available Evidence. *Scientific Reports* 7: 3705.

Neaux D., Blanc B., Ortiz K., Locatelli Y., Schafberg R., Herrel A., Debat V. & Cucchi T., 2021. Constraints associated with captivity alter craniomandibular integration in wild boar. *Journal of Anatomy*, 239: 489-497. <https://doi.org/10.1111/joa.13425>

Ng P.K.L. & de Forges B.R., 2020. A revision of the deep-sea porter crabs of the genus *Gordonopsis* Guinot & Richer de Forges, 1995 (Crustacea, Decapoda, Brachyura, Homolidae), with descriptions of five new species. *Raffles Bulletin of Zoology* 68: 267–307.

Pál-Gergely B., Gargominy O., Fontaine B. & Asami T., 2017. Breathing device of a new *Streptaulus* species from Vietnam extends understanding of the function and structure of respiratory tubes in cyclophoroids (Gastropoda: Caenogastropoda: Pupinidae). *Journal of Molluscan Studies* 83: 243-248.

Pereira A., Falguères C., Bahain J.-J., **Tombret O.**, Anzidei A.-P., Nomade S., Garcia T., Voinchet P. & Bulgarelli G.-M., 2017. New 40Ar/39Ar and ESR/U-series data for the La Polledrara di Cecanibbio archaeological site (Lazio, Italy). *Journal of Archaeological Science* 15: 20-29.

Perrard A., 2020. Wasp Waist and Flight: Convergent Evolution in Wasps Reveals a Link between Wings and Body Shapes. *The American Naturalist* 195, no. 2: 181-191.

Perreau M. & Faille A., 2015. One new *Ptomaphaminus* Perreau, 2000 from a granitic subterranean environment in Vietnam (Coleoptera: Leiodidae: Cholevinae: Ptomaphagini). *Zootaxa* 4021: 195-200.

Petzold A. & Hassanin A., 2020. A comparative approach for species delimitation based on multiple methods of multi-locus DNA sequence analysis: A case study of the genus *Giraffa* (Mammalia, Cetartiodactyla). *PLOS ONE* 15(2): e0217956. <https://doi.org/10.1371/journal.pone.0217956>

Petzold A., Magnant A.-S., Edderai D., Chardonnet B., Rigoulet J., Saint-Jalme M. & Hassanin A., 2020. First insights into past biodiversity of giraffes based on mitochondrial sequences from museum specimens. *European Journal of Taxonomy* 703: 1-33.

Plant A.R., Bickel D.J., Chatelain P., Hauser M., Le Cesne M., Surin C., Soakhod R., Nama S., Soulier-Perkins A., Daugeron C. & Srisuka W., 2018. Spatiotemporal dynamics of insect diversity in tropical seasonal forests is linked to season and elevation, a case from northern Thailand. *Raffles Bulletin of Zoology* 66: 382-393.

Pleurdeau D., Imalwa, E., Detroit F., Lesur J., Veldman A., Bahain, J.J. & Marais E., 2012. Of Sheep and Men": Earliest Direct Evidence of Caprine Domestication in Southern Africa at Leopard Cave (Erongo, Namibia). *PLOS ONE* 7: e40340.

Poore G.C.B., 2015, Rediagnosis of Callianideidae and its genera (Crustacea: Decapoda: Axiidea), and description of a new species of *Heardaxius* Sakai, 2011. *Zootaxa* 3995: 229-240.

Poore G.C.B., Guinot D., Komai T. & Naruse T., 2016. Reappraisal of species attributed to *Halicarcinus* White, 1846 (Crustacea: Decapoda: Brachyura: Hymenosomatidae) with diagnosis of four new genera and one new species from New Ireland, Papua New Guinea. *Zootaxa* 4093: 480-514.

Prieto G., Verano J.W., Goepfert N., Kennett D., Quilter J., LeBlanc S., Fehren-Schmitz L., Forst J., Lund M., Dement B., Dufour E., **Tombret O.** & al., 2019. A mass sacrifice of children and camelids at the Huanchaquito-Las Llamas site, Moche Valley, Peru. *PLoS ONE* 14: e0211691.

Prokop, J., Pecharova, M., Garrouste, R., Beattie, R., **Chintauan-Marquier, I.C.**, Nel, A., 2017. Redefining the extinct orders Miomoptera and Hypoperlida as stem acercarian insects. *BMC Evolutionary Biology* 17: 205.

PruD'Homme C., Antoine P., Moine O., Turpin E., Huguenard L., Robert V. & Degai J.P., 2015. Earthworm calcite granules: a new tracker of millennial-timescale environmental changes in Last Glacial loess deposits. *Journal of Quaternary Science* 30: 529-536.

Quillardre N. & Tenorio M. J., 2017. A question of rank: DNA sequences and radula characters reveal a new genus of cone snails (Gastropoda: Conidae). *Journal of Molluscan Studies* 83: 200-210.

Quah E.S.H., Grismer L.L., Jetten T., Wood P.L., **Miralles A.**, Sah S.A.M., Guek K.H.P. & Brady M.L., 2018. The rediscovery of Schaefer's Spine-jawed Snake (*Xenophidion schaeferi* Günther & Manthey, 1995) (Serpentes, Xenophidiidae) from Peninsular Malaysia with notes on its variation and the first record of the genus from Sumatra, Indonesia. *Zootaxa* 4441: 366-378.

Ohler A. & Dubois A., 2018. Article 23.9 of the Code cannot be used to reject the nomen *Hyla quoyi* Bory de Saint-Vincent, 1828 as a nomen oblatum. *Zoosystema* 40: 109-121.

Otoni C., Girdland Flink L., Evin A., Geörg C., De Cupere B., Van Neer W., Bartosiewicz L., Linderholm A., Barnett R., Peters J., Decorte R., Waelkens M., Vanderheyden N., Ricaut F.-X., Çakırlar C., Çevic Ö, Hoelzel A.-R., Mashkour M., Mohaseb Karimlu A.-F., Skeikhi Seno S., Daujat J., Brock F., Pinhasi R., Hongo H., Perez-Enisco M., Rasmussen M., Frantz L., Megens, H.-J., Crooijmans R., Groenen M., Arbuckle B., Benecke N., Strand-Vidarsdottir U., Burger J., Cucchi T., **Dobney K.** & Larson G., 2013. Pig domestication and human-mediated dispersal in western Eurasia revealed through ancient DNA and geometric morphometrics. *Molecular Biology and Evolution* 30: 824-832.

Owen J., **Dobney K.**, Evin A., Cucchi T., Larson G. & Strand-Vidarsdottir U., 2014. The zooarchaeological application of quantifying cranial shape differences in wild boar and domestic pigs (*Sus scrofa*) using 3D geometric morphometrics. *Journal of Archaeological Science* 43: 159-167.

Rabeau L., Gradstein S., Dubuisson J., Nebel M., Quandt D., & Reeb C., 2017. New insights into the phylogeny and relationships within the worldwide genus *Riccardia* (Aneuraceae, Marchantiophytina). *European Journal of Taxonomy* 273: 1-26.

Reeb C., Kaandorp L., Jansson F., Puillandre N., Dubuisson J.Y., Cornette R., Jabbour F., Coudert Y., Patino J., Flot J.F. & Vanderpoorten A., 2018. Quantification of complex modular architecture in plants. *New Phytologist* 218: 859-872.

Robira B., Pouydebat E., **San-Galli A.**, **Meulman E.J.M.**, Aubaille F., Breuer T. & Masi S., 2018 Handedness in gestural and manipulative actions in male hunter-gatherer Aka pygmies from Central African Republic. *Am J Phys Anthropol* 166: 481-491.

Robles R., Dworschak P.C., Felder D.L., Poore G.C.B. & Mantelatto F.L., 2020. A molecular phylogeny of Callianassidae and related families (Crustacea: Decapoda: Axiidea) with morphological support. *Invertebrate Systematics* 34(2) 113-132. <https://doi.org/10.1071/IS19021>

Robuchon M., Pavoine S., **Véron S.**, Delli G., Faith D.P., Mandrici A., Pellens R., Dubois G. & Leroy B., 2021. Revisiting species and areas of interest for conserving global mammalian phylogenetic diversity. *Nature Communications* 12, 3694. <https://doi.org/10.1038/s41467-021-23861-y>

Robuchon M., Leroy B., Jézéquel C. & Hugueny B., 2019. Correlations between broad-scale taxonomic and genetic differentiations suggest a dominant imprint of historical processes on beta diversities. *Journal of Biogeography* 46: 1083-1095.

Robuchon M., Faith D. P., Julliard R., Leroy B., Pellens R., Robert A., Thévenin C., **Véron S.** & Pavoine S., 2019. Species splitting increases estimates of evolutionary history at risk. *Biological Conservation* 235: 27-35.

Robuchon M., Lamy D., Kervran L., Dennetiere B., Julliard R., Le Gall L., 2016. Dinard Herbarium: A Source of Information to Infer Temporal Changes in Seaweed Communities ?, *Cryptogamie, Algologie* 37: 47–60.

Robuchon M., Valero M., Gey D. & Le Gall L., 2014. How does molecular-assisted identification affect our estimation of α , β and γ biodiversity? An example from understory red seaweeds (Rhodophyta) of *Laminaria* kelp forests in Brittany, France. *Genetica* 143: 207: 223.

Rodriguez-Flores P. C., Macpherson E., & Machordom A., 2021. Revision of the squat lobsters of the genus *Phylladiorhynchus* Baba, 1969 (Crustacea, Decapoda, Galatheidae) with the description of 41 new species. *Zootaxa*, 5008(1), 1–159. <https://doi.org/10.11646/zootaxa.5008.1.1>

Rodriguez-Ramilo S. T., Garcia-Cortes L. A. & **de Cara M. A.**, 2015. Artificial selection with traditional or genomic relationships: consequences in coancestry and genetic diversity. *Frontiers in Genetics* 6: 127.

Rofes J., Cucchi T., **Hanot P.**, Herman J., Stephan P., **Cersoy S.**, Horáček I., **Kerr E.**, Allberry K., Valenzuela S., Zazzo A., Cornette R., Tresset A., 2018. Postglacial recolonization and Holocene diversification of

Crocidura suaveolens (*Mammalia, Soricidae*) on the north-western fringe of the European continent. *Quaternary Science Reviews* 190: 1-10.

Ruppé L., Clément G., Herrel A., Ballesta L., Décamps T., Kéver L. & Parmentier E., 2015. Environmental constraints drive the partitioning of the soundscape in fishes. *Proceedings of the National Academy of Sciences* 112: 6092-6097.

Sabroux R., Corbari L., Krapp F., Bonillo C., Le Prieur S. & Hassanin A., 2017. Biodiversity and phylogeny of Ammotheidae (Arthropoda: Pycnogonida). *European Journal of Taxonomy* 286: 1-33.

Salesse K., Dufour E., Lebon M., Wurster C., Castex D., Bruzek J. & Zazzo A., 2014. Variability of bone preservation in a confined environment: The case of the catacomb of Sts Peter and Marcellinus (Rome, Italy). *Palaeogeography Palaeoclimatology Palaeoecology* 416: 43-54.

Sanders M.T., Merle D., Laurin M., Bonillo C. & Puillandre N., 2021. Raising names from the dead: A time-calibrated phylogeny of frog shells (Bursidae, Tonnaidea, Gastropoda) using mitogenomic data. *Molecular Phylogenetics and Evolution* Vol. 156.

Sanders M.T., Merle D. & Puillandre N., 2019. A review of fossil Bursidae and their use for phylogeny calibration. *Geodiversitas* 41: 247-265.

Sanders M.T., Merle D., Bouchet P., Castelin M., Beu A. G., Samadi S. & Puillandre N., 2017. One for each ocean: revision of the *Bursa granularis* species complex (Gastropoda: Tonnaidea: Bursidae). *Journal of Molluscan Studies* 83: 384-398.

Sanders M.T., Merle D. & Villier L., 2015. The molluscs of the “Falunière” of Grignon (Middle Lutetian, Yvelines, France): quantification of lithification bias and its impact on the biodiversity assessment of the Middle Eocene of Western Europe. *Geodiversitas* 37: 345-365.

Santos B.F., Perrard A. & Brady S.G., 2019. Running in circles in phylomorphospace: host environment constrains morphological diversification in parasitic wasps. *Proceedings of the Royal Society B* 286: 20182352.

Santos B.F. & Perrard A., 2018. Testing the Dutilleul syndrome: host use drives the convergent evolution of multiple traits in parasitic wasps. *Journal of Evolutionary Biology* 31: 1430-1439.

Saura M., Fernandez A., Varona L., Fernandez A.-I., de Cara M.-A., Barragan C. & Villanueva B., 2015. Detecting inbreeding depression for reproductive traits in Iberian pigs using genome-wide data. *Genetics Selection Evolution* 47: 1.

Schneider C., Zon S.D. & D'Haese C.A., 2018. Megalothorax laevis (Neelipleona, Neelidae): Account of a neglected springtail widely distributed in the intertropical zone. *International Journal of Tropical Insect Science* 38: 168-191.

Schrével J., Valigurová A., Prensier G., Chambouvet A., Florent I. & Guillou L., 2016. Ultrastructure of *Selenidium pendula*, the Type Species of Archigregarines, and Phylogenetic Relations to Other Marine Apicomplexa. *Protist*. 167: 339-68.

Sculfort O., de Castro E. C. P., Kozak K. M., Bak S., Elias M., Nay B. & Llaurens V., 2020. Variation of chemical compounds in wild Heliconiini reveals ecological factors involved in the evolution of chemical defenses in mimetic butterflies. *Ecol Evol*. 2020:1-18.

Seetah K., Cucchi T., Dobney K. & Barker G., 2014. A geometric morphometric re-evaluation of the use of dental form to explore differences in horse (*Equus caballus*) populations and its potential zooarchaeological application. *Journal of Archaeological Science* 41: 904-910.

Selosse M.-A., Strullu-Derrien C., Martin F. M., Kamoun S. & Kenrick P., 2015. Plants, fungi and

- oomycetes: a 400-million year affair that shapes the biosphere. *New Phytologist* 206: 501-506.
- Shefferson R.P., Roy M., Puttsepp U. & Selosse M.A., 2016. Demographic shifts related to mycoheterotrophy and their fitness impacts in two *Cephalanthera* species. *Ecology* 97: 1452-1462.
- Simdyanov T.G., Paskerova G.G., Valigurova A., Diakin A., Kovacikova M., Schrevet J., Guillou L., Dobrovolskij A.A. & Aleoshin V.V., 2018. First Ultrastructural and Molecular Phylogenetic Evidence from the Blastogregarines, an Early Branching Lineage of Plesiomorphic Apicomplexa. *Protist* 169: 697-726.
- Simdyanov T.G., Guillou L., Diakin A.Y., Mikhailov K.V., Schrével J. & Aleoshin V.V., 2017. A new view on the morphology and phylogeny of eugregarines suggested by the evidence from the gregarine *Ancora sagittata* (Leuckart, 1860) Labb  , 1899 (Apicomplexa: Eugregarinida). *PeerJ* 5: e3354.
- Sgarlata G.M.**, Salmona J., Razanaparany T.P., Rabarivola C.J., Jan F., Rasolondraibe E., Andruaholinirina N.V., Lafosse S., Chikhi L., Manni F. & Bayart F., 2016. Mitochondrial genetic diversity in the Crowned Sifaka (*Propithecus coronatus*) in a fragmented landscape. *Primate Conservation* 30: 39-57.
- Šob  nov   A. & Duri   Z., 2021. Unexpected diversity in the sponge-associated shrimps *Onycocaridella* Bruce, 1981 (Crustacea : Decapoda : Palaemonidae) revealed by bulk collecting techniques and molecular tools. *Invertebrate Systematics* 35, 361-393. <https://doi.org/10.1071/IS20052>
- Sobanova A. & Duris Z., 2018. *Kaviengella jeffkinchi*, a new genus and species of symbiotic shrimp (Crustacea: Decapoda: Palaemonidae) from Papua New Guinea. *Zootaxa* 4415: 118-134.
- Soulier-Perkins A., Ouvrard D., Hoch H. & Bourgoin T., 2015. Singing in the Namoroka Caves, First Record In Situ for a Cave Dwelling Insect: *Typhlobrixia namorokensis* (Hemiptera, Fulgoromorpha, Cixiidae). *Journal of Insect Behaviour* 28: 704-721.
- Stoetzel E.** Sime W., Pleurdeau D., Asrat A., Assefa Z., Desclaux E. & Denys C., 2018. The micromammal assemblages of Goda Buticha: new insights on Late Quaternary environmental and cultural changes in Southeastern Ethiopia. *Quaternary International* 471: 21-34.
- Stoetzel E.**, Sime W.B., Pleurdeau D., Asrat A., Assefa Z., Desclaux E. & Denys C., 2018. Preliminary study of the rodent assemblages of Goda Buticha: New insights on Late Quaternary environmental and cultural changes in southeastern Ethiopia. *Quaternary International* 471: 21-34.
- Stoetzel E.**, Cornette R., Lalis A., Nicolas V., Cucchi T., & Denys C., 2017. Systematics and evolution of the *Meriones shawii/grandis* complex (Rodentia, Gerbillinae) during the Late Quaternary in northwestern Africa: Exploring the role of environmental and anthropogenic changes. *Quaternary Science Reviews* 164: 199-216.
- Strullu-Derrien C.**, G  ze M., Spencer A. R. T., De Franceschi D., Kenrick P., Selosse M.-A. & Knoll A. H., 2021. An expanded diversity of oomycetes in Carboniferous forests: Reinterpretation of *Oochytrium lepidodendri* (Renault 1894) from the Esnosc chert, Massif Central, France. *PLoS ONE* 16(3): e0247849. <https://doi.org/10.1371/journal.pone.0247849>
- Strullu-Derrien C.**, Le H  ris   A., Goral T., Spencer A.R. & Kenrick P., 2021. The overlooked aquatic green algal component of early terrestrial environments: *Triskelia scotlandica* gen. et sp. nov. from the Rhynie cherts. *Pap Palaeontol*, 7: 709-719. <https://doi.org/10.1002/spp2.1303>
- Strullu-Derrien C.**, Bernard S., Spencert A.R.T., Remusat L., Kenrick P. & Derrien D., 2019. On the structure and chemistry of fossils of the earliest woody plant. *Palaeontology* 62 : 1015-1026.
- Taschen E., Rousset F., Sauve M., Benoit L., Dubois M.P., Richard F. & Selosse, M.A., 2016. How the truffle got its mate: insights from genetic structure in spontaneous and planted Mediterranean populations of *Tuber melanosporum*. *Molecular ecology* 25: 5611-5627.
- Taverne M., Fabre A-C., Herbin M., Herrel A., Peign   S., Lacroux C., Lowie A., Pages F., Theil J-C. & **B  hmer**

C., 2018. Convergence in the functional properties of forelimb muscles in carnivorans: adaptations to an arboreal lifestyle ? *Biological Journal of the Linnean Society* 125: 250-263.

Uribe J.E., Puillandre N. & Zardoya R., 2017, Beyond *Conus*: phylogenetic relationships of Conidae based on complete mitochondrial genomes. *Molecular Phylogenetics and Evolution*, 107: 142-151.

Vacelet J., 2020. Carnivorous sponges (Porifera, Cladorhizidae) from the deep South Pacific (New Caledonia) with the description of three new species of the genus *Abyssocladia* and remarks on genus Cercicladia. *Zootaxa* Vol. 4767 No. 2. DOI : 10.11646/zootaxa.4767.2.3

Valigurová A. & Florent I., 2021. Nutrient Acquisition and Attachment Strategies in Basal Lineages: A Tough Nut to Crack in the Evolutionary Puzzle of Apicomplexa. *Microorganisms*

Veron S., Kondratyeva A., Robuchon M., Grandcolas P., Govaerts R., Haevermans T., Pellens R. & Mouchet M., 2021. High evolutionary and functional distinctiveness of endemic monocots in world islands. *Biodiversity and Conservation*.

Veron S., Haevermans T., Govaerts R., Mouchet M. & Pellens R., 2019. Distribution and relative age of endemism in islands worldwide. *Scientific Reports* 9: 11693.

Veron S., Saito V., Padilla-García N., Forest F. & Bertheau Y., 2019. The Use of Phylogenetic Diversity in Conservation Biology and Community Ecology: A Common Base but Different Approaches. *The Quarterly Review of Biology* 94: 123-148.

Veron S., Mouchet M., Govaerts R., Haevermans T. & Pellens R., 2019. Vulnerability to climate change of islands worldwide and its impact on the tree of life. *Scientific Reports* 9: 14471.

Veron S., Fontaine C., Dubos N., Clergeau P. & Pavoine S., 2018. Predicting the impacts of co- extinctions on phylogenetic diversity in mutualistic networks. *Biological Conservation* 219: 161-171.

Veron S., Davies T.J., Cadotte M.W., Clergeau P. & Pavoine S., 2017. Predicting loss of evolutionary history: where are we? *Biological Reviews* 92: 271-291.

Veron S., Clergeau P. & Pavoine S., 2016. Loss and conservation of evolutionary history in the Mediterranean Basin. *BMC Ecology* 16: 43.

Veron S., Penone C., Clergeau P., Costa G.C., Oliveira B.F., São-Pedro V.A. & Pavoine S., 2016. Integrating data-deficient species in analyses of evolutionary history loss. *Ecology and Evolution* 6: 8502-8514.

Vieira C., De Clerck O., Millet L. & Payri C.E., 2019. Description of ten new Lobophora species from the Bismarck Sea (Papua New Guinea). *Phycological Research* 67: 228-238.

Vigne J.-D., Evin A., Cucchi T., Dai L., Yu C., Hu S., Soulages N., Wang W., Sun Z., Gao J., **Dobney K.** & Yuan J., 2016. Earliest "Domestic" Cats in China Identified as Leopard Cat (*Prionailurus bengalensis*). *PLoS ONE* 11: e0147295.

Vigne, J-D., Daujat, J., Monchot, H., 2016. First Introduction and Early Exploitation of the Persian Fallow Deer on Cyprus (8000-6000 cal. bc). *International Journal of Osteoarchaeology* 26: 853-866.

Voinchet P., Moreno D., Bahain J.-J., Falgueres C., Tissoux H., **Tombret O.**, Moncel M.-H., Schreve D., Candy I., Antoine P., Ashton N., Beamish M., Cliquet D., Despriée J., Lewis S., Limondin-Lozouet N., Locht J.-L., Parfitt S. & Pope M., 2015. New chronological data (ESR and ESR/U-series) for the earliest Acheulean sites of northwestern Europe. *Journal of Quaternary Sciences* 30: 610-622.

White W.T., Last P.R. & Naylor G.J.P., 2016. *Rhinobatos manai* sp. nov., a new species of guitarfish (Rhinopristiformes: Rhinobatidae) from New Ireland, Papua New Guinea. *Zootaxa*, 4175: 588- 600.

White W.T., Mana R.R. & Naylor G.J.P., 2017. Description of a new species of deepwater catshark *Apristurus yangi* n.sp (Carcharhiniformes: Pentanchidae) from Papua New Guinea. *Zootaxa* 4320: 25-40.

Yu D., Man L.-C. & Deharveng L., 2016. Tomoceridae (Collembola, Entomobryomorpha) from the southern Annamitic cordillera: redescription of *Tomocerus ocreatus* Denis, 1948 and description of a new species of *Tomocerina* Yosii, 1955. *European Journal of Taxonomy* 176: 1-14.

Yguel B., Piponiot C., Mirabel A., Dourdain A., Hérault B., Gourlet-Fleury S., Forget P.-M. & Fontaine C., 2018. Beyond species richness and biomass: Impact of selective logging and silvicultural treatments on the functional composition of a neotropical forest. *Forest Ecology and Management* 433: 528-534.

Yguel B., Jactel H., Pearse I.S., Moen D., Winter M., Hortal J., Helmus M.R., Kuhn I., Pavoine S., Purschke O., Weiher E., Violle C., Ozinga W.A., Brandle M., Bartish I. & Prinzing A., 2016. The Evolutionary Legacy of Diversification Predicts Ecosystem Function. *American Naturalist* 188: 398-410.

Zazzo A., Lepetz S., Magail J. & Gantulga J.O., 2019. High-precision dating of ceremonial activity around a large ritual complex in Late Bronze Age Mongolia. *Antiquity* 93: 80-98.

Articles in peer reviewed but non-indexed journals (14)

Arom S. & Vallejo P., 2016. Refrains, Exaltations and Hymns of the Gelati Monastery: forms, modes, harmonic organization" in Proceedings of the Sixth International Symposium on Traditional Polyphony, September 2014 (J. Jordania & R. Tsurtsimia eds.), Tbilisi, *International Research Centre for Traditional Polyphony / Tbilisi State Conservatoire*, p. 266-292.

Burgos A., 2016. Savoirs naturalistes et stratégies de collecte de *Geloina erosa*, *Geloina expansa* et *Polymesoda bengalensis* dans la mangrove de l'île de Siberut (Indonésie). *Revue d'ethnoécologie* 9.

Duval L., 2012. *Plasmodium* chez les grands singes africains. *Revue de primatologie* 4.

Fricke R., 2016, *Callionymus alisae*, a new species of dragonet from New Ireland, Papua New Guinea, western Pacific Ocean (Teleostei: Callionymidae). *FishTaxa* 1: 55-66.

Fricke R., 2016, *Callionymus petersi*, a new species of dragonet from New Ireland, Papua New Guinea, western Pacific Ocean (Teleostei: Callionymidae). *Journal of the Ocean Science Foundation* 21: 38– 57.

Fricke R., 2016, Redescription of *Xenaploactis asperrima* (Günther 1860) (Teleostei: Aploactinidae), based on a specimen from New Ireland, Papua New Guinea. *FishTaxa* 1: 67-74.

Fricke R., 2017. *Ostichthys kinchi*, a new species of soldierfish from New Ireland, Papua New Guinea, western Pacific Ocean (Teleostei: Holocentridae). *FishTaxa* 2: 62-70.

Guillaud D. & **Burgos A.**, 2018. Les sens de la forêt. *Les nouvelles de l'archéologie*, 152: 41-47.

Kantor Y.I., Fedosov A.E., Puillandre N. & Bouchet P., 2016. Integrative taxonomy approach to Indo-Pacific Olividae: new species revealed by molecular and morphological data. *Ruthenica* 26: 123- 143.

Krief S., **Cibot M.**, Bortolamiol S., Lafosse S., Seguya A. & Guillot J., 2013. Proximités géographiques et phylogénétiques entre les chimpanzés et les humains et conséquences sanitaires. Exemple du parc national de Kibale, Ouganda. *Bulletin de l'Académie vétérinaire de France* 166: 276 - 285.

Lepetz S. & **Hanot P.**, 2012. Archéozoologie et patrimoine ostéologique du cheval. Les os des chevaux provenant des fouilles archéologiques : sujets de recherche et archives du sol. *In Situ*, "Le cheval et ses patrimoines" 18.

Narat V., **Cibot M.**, Bokika Ngawolo J-C., Dumez R. & Krief S., 2012. Étude préliminaire de la résilience du genre *Pan* à l'anthropisation : quelles sont les influences des stratégies de conservation ? *La Revue de Primatologie* 4.

Sanders M., Puillandre N., Laurin M. & Merle D., 2016. The implication of taxonomic opinion over Cainozoic to Recent gastropods diversification pattern. The example of the frog snails (Tonnaidea: Bursidae). *The malacologist* 66: 16.

Touroult J. & Witté I., 2014. Les inventaires nationaux : quelles valorisations au-delà des cartes de répartition ? *Les cahiers Réserves Naturelles de France* 4: 77-94.

Books and book chapters (18)

Allorge, L. & Haevermans, T., 2015. *Namoroka*. Paris, Privat & Editions du Muséum MNHN, 296 p.

Averbouh A., Bonnet-Jacquement P. & Cleyet –Merle J.-J., 2018. L’Aquitaine à la fin des temps glaciaires. PALEO, Revue d’archéologie préhistorique, 335 p.

Böhmer C., Fabre A-C, Theil J-C. & Herrel A., 2020. Atlas of terrestrial mammal limbs. Taylor & Francis. Doi: 10.1201/b22115.

Burgos A., 2018. Des femmes et des hommes en mangrove. In : François Fromard, Emma Michaud, Martine Hossaert-McKey Eds. *Mangrove une forêt dans la mer*. CNRS-Cherche Midi, Paris, 168p.

Denys C., El Hassani A, Nespoulet R., Aulagnier S. in press. Approche intégrative de la 6ème extinction. Mémoires et Travaux de l’Institut Scientifique, Rabat. 167pp.

Desportes I. & Schrével J., 2013. *Treatise on Zoology - Anatomy, Taxonomy, Biology - The Gregarines: the early branching Apicomplexa*, vol.1. Leiden, Publisher Brill, 375 p.

Desportes I. & Schrével J., 2013. *Treatise on Zoology - Anatomy, Taxonomy, Biology - The Gregarines: the early branching Apicomplexa*, vol.2. Leiden, Publisher Brill, 377 p.

Fisler M., Crémière C. & Lecointre G., 2014. Qu'est-ce qu'un arbre des idées ? Explication des notions d'arbre et de phylogénie et histoire des représentations de l'arbre. In Charbonnat P., Ben Hamed M. & Lecointre G. (Eds). *Apparenter la pensée ? Vers une phylogénie des concepts savants*. Paris, Éditions Matériologiques, pp. 103 - 144.

Fürniss S., 2017 (sous presse), "Recordings of the Mabi people, different places same time: Cameroon 1908 and Berlin 1909", in Susanne Ziegler, Gerda Lechleitner, Ingrid Åkesson & Susana Sardo (éds), *Historical Sources of ethnomusicology in contemporary debate*, Cambridge Scholars publishing, 16 p.

Grandcolas P., Jourdan H., Robillard T. & Guilbert E., 2014. *Zoologia Neocaledonica. Biodiversity studies in New Caledonia Vol.8*. Paris, Mémoires du Museum national d'Histoire naturelle, 250 p.

Guilbert E., Robillard T., Jourdan H. & Grandcolas P., 2014. *Zoologia Neocaledonica. Biodiversity studies in New Caledonia Vol.7*. Paris, Mémoires du Museum national d'Histoire naturelle, 315 p.

Lecointre G., 2015. "Arbori-culture" : une typologie des "arbres" dans la culture phylogénétique. Pp. 113-132 in Martin, P., Nadot S. & C. Daugeron (Eds). L'arbre du vivant, trente ans de systématique, Biosistema 30, société Française de Systématique, *Editions Matériologiques*, Paris.

Lesur J., 2017. *Et la gazelle devint chèvre, Pré-histoires africaines d'hommes et d'animaux*, aux PUM et Publications Scientifiques du Muséum

Maurel M.-C. & Grandcolas P. (Eds.), 2015. *BIO Web of Conferences Vol. 4. ORIGINS – Studies in Biological and Cultural Evolution*. Paris, France, October 24, 2014. ISBN: 978-2-7598-1824-2

Pellens R. & Grandcolas P., 2015. *Biodiversity Conservation and Phylogenetic Systematics: species*

protection in an extinction crisis. Berlin, Springer-Verlag, 250 p.

Schrével J., Desportes I., 2015. Gregarines. In Mehlhorn H., *Encyclopedia of Parasitology 4th edition*. New York, Springer.

Veron S., Faith D., Pellens R. & Pavoine S., 2018. Priority Areas for phylogenetic diversity: maximizing gains in the Mediterranean basin. In: (R Scherson and DP Faith eds.) *Phylogenetic Diversity. Applications and Challenges*, Biodiversity Science, Springer. pp. 145-166.

Watling L., Victorero L., Drazen J. & Gianni M., 2020. Exploitation of deep-sea fishery resources. In *Natural Capital and Exploitation of the Deep Ocean*. Oxford University Press.

Monographs (Service des Publications Scientifiques Muséum) funded by the labex BCDiv (14)

Arthur L. & Lemaire M., 2015. -- *Les Chauves-souris de France, Belgique, Luxembourg et Suisse. Deuxième édition*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 544 p. (Hors collection ; 38).

Barabé D. & Gibernau M., 2015. -- *Aracées de Guyane française : Biologie et systématique*. Muséum national d'Histoire naturelle, Paris ; IRD, Marseille, 349 p. (Faune et Flore tropicales ; 46).

Barataud M., 2015. -- *Écologie acoustique des chiroptères d'Europe : Identification des espèces, étude de leurs habitats et comportements de chasse. Troisième édition*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 344 p. (Inventaires & biodiversité ; 7).

Barataud M., 2015. -- *Acoustic Ecology of European Bats: Species Identification, Study of their Habitats and Foraging Behaviour*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 352 p. (Inventaires & biodiversité ; 8).

Bernard J.-F., Étifier-Chalono É., Feldmann P., Fiard J.-P., Fournet J., Jérémie J., Lurel F., Rousteau A. & Sastre C., 2014. -- *Livre rouge des plantes menacées aux Antilles françaises*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 464 p. (Inventaires & biodiversité ; 6).

Delannoye R., Charles L., Pointier J.-P. & Massemin D., 2015. -- *Mollusques continentaux de la Martinique. Non-marine Molluscs of Martinique, Lesser Antilles*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 328 p. (Inventaires & biodiversité ; 10).

Dewynter M. (coord.), 2018. — *Atlas des Amphibiens et Reptiles de Martinique*. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 192 p. (Inventaires & biodiversité ; 12).

Fourt M., Goujard A., Pérez T. & Chevaldonné P., 2017. — *Guide de la faune profonde de la mer Méditerranée : explorations des roches et canyons sous-marins des côtes françaises*. Muséum national d'Histoire naturelle, Paris, 184 p. (Patrimoines naturels ; 75).

Gouix N. & Marc D., 2017. — *Les Invertébrés dans la -conservation et la gestion des espaces naturels : actes du colloque de Toulouse du 13 au 16 mai 2015*. Muséum national d'Histoire naturelle, Paris, 216 p. (Patrimoines naturels ; 76).

Meyer J.-Y. & Claridge E. M. (eds), 2014. -- *Terrestrial Biodiversity of the Austral Islands, French Polynesia*. Muséum national d'Histoire naturelle, Paris, 224 p. (Patrimoines naturels ; 72).

Morel N. (coord.), 2015. Stratotype Cénomanien. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 384 p. (Patrimoine géologique ; 6).

Pottier G., 2016. *Les Reptiles des Pyrénées*. Muséum national d'Histoire naturelle, Paris, 352 p. (Patrimoines naturels ; 73).

Rocamora G. & Henriette E., 2015. -- *Invasive Alien Species in Seychelles: Why and how to eliminate them?*

Identification and management of priority species. Muséum national d'Histoire naturelle, Paris ; Biotope, Mèze, 384 p. (Inventaires & biodiversité ; 9).

Savouré-Soubelet A., Aulagnier S., Haffner P., Moutou F., Van Canneyt O., Charrassin J.-B. & Ridoux V. (coord., 2016. *Atlas des mammifères sauvages de France volume 1 : Mammifères marins.* Muséum national d'Histoire naturelle, Paris ; IRD, Marseille, 480 p. (Patrimoines naturels ; 74).