

Labos	Authors	Article Title	Source Title	Year	Volume	Issue	Start Page	End Page	Article Number	DOI
SETE	Abalos, Javier; de Lanuza, Guillem; Bartolome, Alicia; Liehrmann, Oceane; Aubret, Fabien; Font, Enrique	Behavioral threat and appeasement signals take precedence over static colors in lizard contests	BEHAVIORAL ECOLOGY	2024	35	4			arae045	10.1093/beheco/arae045
LIPME/ FRAIB	Acar, Tessa; Moreau, Sandra; Jardinaud, Marie-Francoise; Houdinet, Gabriella; Maviane-Macia, Felicia; De Meyer, Frederic; Hoste, Bart; Leroux, Olivier; Coen, Olivier; Le Ru, Aurelie; Peeters, Nemo; Carlier, Aurelien	The association between <i>Dioscorea sansibarensis</i> and <i>Orrella dioscoreae</i> as a model for hereditary leaf symbiosis	PLOS ONE	2024	19	4			e0302377	10.1371/journal.pone.0302377
SETE	Aguade-Gorgorio, Guim; Arnoldi, Jean-Francois; Barbier, Matthieu; Kefi, Sonia	A taxonomy of multiple stable states in complex ecological communities	ECOLOGY LETTERS	2024	27	4			e14413	10.1111/ele.14413
SETE	Aguade-Gorgorio, Guim; Lajaaiti, Ismael; Arnoldi, Jean-Francois; Kefi, Sonia	Unpacking sublinear growth: diversity, stability and coexistence	OIKOS	2024						10.1111/oik.10980
CRBE	Allen, Joey; Sire, Marion; Belouard, Nadege; Gorzerino, Caroline; Coutellec, Marie-Agnes; Mony, Cendrine; Pannard, Alexandrine; Piscart, Christophe	Could landscape ecology principles apply at the microscale? A metabarcoding approach on Trichoptera larvae-associated microbial diversity.	The Science of the total environment	2024	955		177304	177304		10.1016/j.scitotenv.2024.177304
EDB	Ancay, Laurie; Nicole, Sidonie; San-Jose, Luis M.; Roulin, Alexandre	Individual and environmental factors influencing preen gland's morphology and physiology in the barn owl <i>Tyto alba</i>	JOURNAL OF AVIAN BIOLOGY	2024	2024	7-8				10.1111/jav.03247
CRBE	Andre, Mathilde; Brucato, Nicolas; Hudjasov, Georgi; Pankratov, Vasili; Yermakovich, Danat; Montinaro, Francesco; Kreevan, Rita; Kariwiga, Jason; Muke, John; Boland, Anne; Deleuze, Jean-Francois; Meyer, Vincent; Evans, Nicholas; Cox, Murray P.; Leavesley, Matthew; Dannemann, Michael; Org, Tonis; Metspalu, Mait; Mondal, Mayukh; Ricaut, Francois-Xavier	Positive selection in the genomes of two Papua New Guinean populations at distinct altitude levels	NATURE COMMUNICATIONS	2024	15	1			3352	10.1038/s41467-024-47735-1

CRBE	Anthony, Edward; Syvitski, Jaia; Zainescu, Florin; Nicholls, Robert J.; Cohen, Kim M.; Marriner, Nick; Saito, Yoshiki; Day, John; Minderhoud, Philip S. J.; Amorosi, Alessandro; Chen, Zhongyuan; Morhange, Christophe; Tamura, Toru; Vespremeanu-Stroe, Alfred; Besset, Manon; Sabatier, Francois; Kaniewski, David; Maselli, Vittorio	Delta sustainability from the Holocene to the Anthropocene and envisioning the future	NATURE SUSTAINABILITY	2024						10.1038/s41893-024-01426-3
EDB	Antunes, Diogo F.; Stettler, Pia R.; Taborsky, Barbara	The role of serotonin in modulating social competence in a cooperatively breeding fish	BEHAVIOURAL BRAIN RESEARCH	2024	461				114819	10.1016/j.bbr.2023.114819
SETE	Araujo, Gui; Montoya, Jose M; Thomas, Torsten; Webster, Nicole S; Lurgi, Miguel	A mechanistic framework for complex microbe-host symbioses.	Trends in microbiology	2024						10.1016/j.tim.2024.08.002
EDB	Araujo, Ricardo Santiago; Noebel, Sabine; Antunes, Diogo F.; Danchin, Etienne; Isabel, Guillaume	A social learning primacy trend in mate-copying: an experiment in Drosophila melanogaster	ROYAL SOCIETY OPEN SCIENCE	2024	11	6			240408	10.1098/rsos.240408
LRSV	Arico, Denise Soledad; Burachik, Natalia B.; Wengier, Diego Leonardo; Mazzella, Maria Agustina	Arabidopsis hypocotyl growth in darkness requires the phosphorylation of a microtubule-associated protein	PLANT JOURNAL	2024	118	6	1815	1831		10.1111/tpj.16711
CRBE	Armoa, Osvaldo Luis Barresi; Arnold, Jeffrey G.; Bieger, Katrin; Sauvage, Sabine; Sanchez-Perez, Jose Miguel	Large wetlands representation in SWAT plus : the case of the Pantanal in the Paraguay River Basin	FRONTIERS IN WATER	2024	6				1451648	10.3389/frwa.2024.1451648
PPGV	Arnal, Amandine; Volmerange, Lea; Brustel, Jean; Verdier, Celine; Gerbaud, Sylvain; Pages, Marielle; Lévassieur-Garcia, Cecile	Rapid, Non-Destructive Prediction of Ripeness of Pink Lady Apples by Using Near-Infrared Spectroscopic Methods to Monitor Firmness, Sugar Content, Juiciness and Acidity	SUSTAINABILITY	2024	16	23			10259	10.3390/su162310259
SETE	Arnoldi, Jean-Francois; Bortoluzzi, Jenny Rose; Rowland, Hugh; Harrod, Chris; Parnell, Andrew C.; Payne, Nicholas; Donohue, Ian; Jackson, Andrew L.	How strongly does diet variation explain variation in isotope values of animal consumers?	PLOS ONE	2024	19	6			e0301900	10.1371/journal.pone.0301900
CRBE	Aubier, Thomas G.; Kopp, Michael; Linn, Isaac J.; Puebla, Oscar; Rafajlovic, Marina; Servedio, Maria R.	Negative Coupling: The Coincidence of Premating Isolating Barriers Can Reduce Reproductive Isolation	COLD SPRING HARBOR PERSPECTIVES IN BIOLOGY	2024	16	10			a041435	10.1101/cshperspect.a041435

CRBE	Aubier, Thomas G.; Lerch, Brian A.	The role of pleiotropy and population structure in the evolution of altruism through the greenbeard effect	EVOLUTION	2024						10.1093/evolut/qpae147
SETE	Auffret, Alistair G.; Ladouceur, Emma; Haussmann, Natalie S.; Daouti, Eirini; Elumeeva, Tatiana G.; Kacergyte, Ineta; Knape, Jonas; Kotowska, Dorota; Low, Matthew; Onipchenko, Vladimir G.; Paquet, Matthieu; Rubene, Diana; Plue, Jan	A global database of soil seed bank richness, density, and abundance	ECOLOGY	2024	105	11				10.1002/ecy.4438
LRSV	Bai, Feng; Shu, Peng; Deng, Heng; Wu, Yi; Chen, Yao; Wu, Mengbo; Ma, Tao; Zhang, Yang; Pirrello, Julien; Li, Zhengguo; Hong, Yiguo; Bouzayen, Mondher; Liu, Mingchun	A distal enhancer guides the negative selection of toxic glycoalkaloids during tomato domestication	NATURE COMMUNICATIONS	2024	15	1			2894	10.1038/s41467-024-47292-7
PPGV	Bailly, Sylviane; Orlando, Beatrice; Brustel, Jean; Bailly, Jean-Denis; Levasseur-Garcia, Cecile	Rapid Detection of Aflatoxins in Ground Maize Using Near Infrared Spectroscopy	TOXINS	2024	16	9			385	10.3390/toxins16090385
EDB	Balboa, Renzo F.; Bertola, Laura D.; Brueniche-Olsen, Anna; Rasmussen, Malthe Sebro; Liu, Xiaodong; Besnard, Guillaume; Salmons, Jordi; Santander, Cindy G.; He, Shixu; Zinner, Dietmar; Pedrono, Miguel; Muwanika, Vincent; Masembe, Charles; Schubert, Mikkel; Kuja, Josiah; Quinn, Liam; Garcia-Erill, Genis; Staeger, Frederik Filip; Rakotoarivony, Rianja; Henrique, Margarida; Lin, Long; Wang, Xi; Heaton, Michael P.; Smith, Timothy P. L.; Hanghoj, Kristian; Sinding, Mikkel-Holger S.; Atickem, Anagaw; Chikhi, Lounes; Roos, Christian; Gaubert, Philippe; Siegismund, Hans R.; Moltke, Ida; Albrechtsen, Anders; Heller, Rasmus	African bushpigs exhibit porous species boundaries and appeared in Madagascar concurrently with human arrival	NATURE COMMUNICATIONS	2024	15	1			172	10.1038/s41467-023-44105-1
CRBE	Bariod, Lea; Fuentes, Elva; Millet, Maurice; Jacquiod, Samuel; White, Joel; Moreau, Jerome; Monceau, Karine	Direct and indirect effects of pesticide exposure on the gut microbiota of a farmland raptor.	Journal of hazardous materials	2024	485		1368 57	1368 57		10.1016/j.jhazmat.2024.136857

LRSV	Baron, Thomas; Jouhet, Juliette; Schilling, Marion; Cussac, Mathilde; Charles, Florence; Vidal, Veronique; Chervin, Christian; Sallanon, Huguette	Postharvest lipidomics of lettuce leaves	POSTHARVEST BIOLOGY AND TECHNOLOGY	2024	212				112869	10.1016/j.postharvbio.2024.112869
LIPME	Baroukh, Caroline; Gerlin, Leo; Escourrou, Antoine; Genin, Stephane	Unraveling the in planta population dynamics of the plant pathogen <i>Ralstonia pseudosolanacearum</i> by mathematical modeling	NEW PHYTOLOGIST	2024						10.1111/nph.20216
SETE	Barragan-Jason, Gladys; Cauchoix, Maxime; Diaz-Valencia, Paula A.; Syssau-Vaccarella, Arielle; Hemet, Solene; Cardozo, Camilo; Skevington, Suzanne M.; Heeb, Philipp; Parmesan, Camille	Human-nature connectedness and sustainability across lifetimes: A comparative cross-sectional study in France and Colombia	PEOPLE AND NATURE	2024						10.1002/pan3.10749
CRBE	Baudry, Thomas; Smith-Ravin, Juliette; Arque, Alexandre; Gout, Jean-Pierre; Cucherousset, Julien; Paillisson, Jean-Marc; Grandjean, Frederic	Trophic niche of the invasive <i>Cherax quadricarinatus</i> and extent of competition with native shrimps in insular freshwater food webs	BIOLOGICAL INVASIONS	2024	26	10	3227	3241		10.1007/s10530-024-03373-8
SETE	Bazin, Simon; Dioulouf, Virginie; Molina, Ange; Peroux, Tiphaine; Montoya, Jose M.; Blanchet, Simon; Edeline, Eric; Jacquet, Stephan; Rasconi, Serena; Fayolle, Stephanie; Campana, Marina; Zambeaux, Thalia; Leclerc, Camille; Lassus, Remy; Morla, Julie; Daufresne, Martin; Sentis, Arnaud	Direct effect of artificial warming on communities is stronger than its indirect effect through body mass reduction	OIKOS	2024	2024	10				10.1111/oik.10561
LRSV/F RAIB	Bellande, Kevin; Roujol, David; Chourre, Josiane; Le Gall, Sophie; Martinez, Yves; Jauneau, Alain; Arico, Denise; Mithofer, Alex; Burlat, Vincent; Jamet, Elisabeth; Canut, Herve	Receptor kinase LecRK-I.9 regulates cell wall remodelling during lateral root formation in <i>Arabidopsis</i> .	Journal of experimental botany	2024						10.1093/jxb/erae520
CRBE	Belouard, Nadege; Petit, Eric J.; Cucherousset, Julien; Paillisson, Jean-Marc	Variation of the stable isotope niches of native amphibians in ponds invaded by the red swamp crayfish	NEOBIOTA	2024	93		245	262		10.3897/neobiota.93.120477

EDB	Berdan, Emma L.; Aubier, Thomas G.; Cozzolino, Salvatore; Faria, Rui; Feder, Jeffrey L.; Gimenez, Mabel D.; Joron, Mathieu; Searle, Jeremy B.; Merot, Claire	Structural Variants and Speciation: Multiple Processes at Play	COLD SPRING HARBOR PERSPECTIVES IN BIOLOGY	2024	16	3			a041446	10.1101/cshperspect.a041446
EDB	Bernery, Camille; Bellard, Celine; Courchamp, Franck; Brosse, Sebastien; Leroy, Boris	A global analysis of the introduction pathways and characteristics associated with non-native fish species introduction, establishment, and impacts	ECOLOGICAL PROCESSES	2024	13	1			22	10.1186/s13717-024-00495-8
LRSV/C NRGV	Berthelie, Thomas Horst; Cabanac, Sebastien Christophe; Callot, Caroline; Bellec, Arnaud; Mathe, Catherine; Jamet, Elisabeth; Dunand, Christophe	Evolutionary Analysis of Six Gene Families Part of the Reactive Oxygen Species (ROS) Gene Network in Three Brassicaceae Species	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2024	25	3			1938	10.3390/ijms25031938
CRBE	Besnard, Guillaume	How did the amphibious <i>Eleocharis vivipara</i> acquire its C3-C4 photosynthetic plasticity?	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2024						10.1111/jipb.13813
CRBE/S ETE	Bestion, Elvire; Legrand, Delphine; Baines, Celina B.; Bonte, Dries; Coulon, Aurelie; Dahirel, Maxime; Delgado, Maria; Deshpande, Jhelam N.; Duncan, Alison B.; Fronhofer, Emanuel A.; Gounand, Isabelle; Jacob, Staffan; Kaltz, Oliver; Massol, Francois; Mathysen, Erik; Parmentier, Thomas; Saade, Camille; Schtickzelle, Nicolas; Zilio, Giacomo; Cote, Julien	Species interactions affect dispersal: a meta-analysis	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	379	1907			20230127	10.1098/rstb.2023.0127
CRBE	Blanchard, Pierrick; Delord, Karine; Bodin, Aymeric; Guille, Kevin; Getti, Tobie; Barbraud, Christophe	Impact and control of feral cats preying on wandering albatrosses: Insights from a field experiment	ECOSPHERE	2024	15	2			e4792	10.1002/ecs2.4792
LRSV	Boerjan, Wout; Burlat, Vincent; Cosgrove, Daniel J.; Dunand, Christophe; Dupree, Paul; Haas, Kalina T.; Ingram, Gwyneth; Jamet, Elisabeth; Mohnen, Debra; Moussu, Steven; Peaucelle, Alexis; Persson, Staffan; Voiniciuc, Catalin; Hofte, Herman	Top five unanswered questions in plant cell surface research	CELL SURFACE	2024	11				100121	10.1016/j.tcs.2024.100121

LIPME	Boukherissa, A.; Nicoud, Q.; Giraud, T.; Mergaert, P.; Gourion, B.; Shykoff, J.; de la Vega, R. Rodriguez; Alunni, B.	Terminal bacteroid differentiation: When plant immune peptides are turned into symbiotic efficiency modulators	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	124	124		
CRBE	Bouly, Lucie; Jacquin, Lisa; Chapeau, Florian; Bonmatin, Jean-Marc; Cousseau, Myriam; Hagimont, Aurianne; Laffaille, Pascal; Lalot, Benedicte; Lemarie, Anthony; Pasquet, Camille; Huc, Laurence; Jean, Severine	Fluopyram SDHI pesticide alters fish physiology and behaviour despite low in vitro effects on mitochondria.	Ecotoxicology and environmental safety	2024	288		117400	117400		10.1016/j.ecoen v.2024.117400
CRBE	Bourgoin, Charlotte; Barbraud, Christophe; Getti, Tobie; Delord, Karine; Angelier, Frederic; Bodin, Aymeric; Blanchard, Pierrick	Brooding duration does not depend on cat predation risk but is related to weather and phenology in the wandering albatross (<i>Diomedea exulans</i>)	ECOLOGY AND EVOLUTION	2024	14	9			e70174	10.1002/ece3.70174
SETE	Brans, Victor; Manzi, Florent; Jacob, Staffan; Schtickzelle, Nicolas	Demography and movement patterns of a freshwater ciliate: The influence of oxygen availability	ECOLOGY AND EVOLUTION	2024	14	4			e11291	10.1002/ece3.11291
CRBE	Brayl, Paul; Pinelli, Eric; Schoefs, Benoit; Flahaut, Emmanuel; Silvestre, Jerome; Gauthier, Laury; Barret, Maialen	Effects of graphene oxide on the diatom <i>Nitzschia palea</i> are associated with carbon cycling disturbance	CARBON	2024	226				119224	10.1016/j.carbon .2024.119224
CRBE/S ETE	Brevet, Mathieu; Jacob, Staffan; Rutschmann, Alexis; Richard, Murielle; Cote, Julien; Clobert, Jean	Social information use for spatial decision in the common lizard, <i>Zootoca vivipara</i>	ANIMAL BEHAVIOUR	2024	218		95	108		10.1016/j.anbeh av.2024.09.014
CRBE	Bridgewater, Peter; Schmeller, Dirk S.	Nature abhors a vacuum: invasive themes and other outputs from the tenth plenary of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES-10)	BIODIVERSITY AND CONSERVATION	2024	33	3	867	873		10.1007/s10531-024-02797-x
CRBE	Britton, J. R.; Andreou, D.; Boardman, R.; Garcia, F.; Gimenez, M.; Imbert, A.; Parker, B.; Warren, B.; Yeldham, M.; Cucherousset, J.	The angled-web: Recreational angling as an underappreciated disruptor to the interconnectedness of terrestrial and freshwater food webs	FRESHWATER BIOLOGY	2024	69	12	1739	1747		10.1111/fwb.14342
CRBE	Brochet, Elisabeth; Grusson, Youen; Sauvage, Sabine; Lhuissier, Ludovic; Demarez, Valerie	How to account for irrigation withdrawals in a watershed model	HYDROLOGY AND EARTH SYSTEM SCIENCES	2024	28	1	49	64		10.5194/hess-28-49-2024
PPGV	Brustel, Jean; Berger, Monique; Arnal, Amandine; Jeanson, Patrice; Dayde, Jean; Levasseur-Garcia, Cecile	Nondestructive Quantification of Isoflavones in Cotyledons by Near-Infrared Spectroscopy and Potential and Limits for Sustainable Soybean Breeding	SUSTAINABILITY	2024	16	6			2436	10.3390/su16062436

EDB	Buron, Maxime; Porcher, Emmanuelle; Fedoroff, Eric; Berrod, Luc; Vallet, Jeanne; Bardet, Olivier; Martin, Gabrielle; Machon, Nathalie	Rapid declines in species diversity and occurrence of common plant species are related to nutrient availability and soil moisture in open habitats	JOURNAL OF VEGETATION SCIENCE	2024	35	6			e13316	10.1111/jvs.13316
LIPME	Calderon-Gonzalez, Alvaro; Fernandez-Melero, Belen; del Moral, Lidia; Munos, Stephane; Velasco, Leonardo; Perez-Vich, Begona	Mapping an avirulence gene in the sunflower parasitic weed <i>Orobanche cumana</i> and characterization of host selection based on virulence alleles	BMC PLANT BIOLOGY	2024	24	1			1147	10.1186/s12870-024-05855-2
CRBE	Camacho, M. Alejandra; Menendez-Guerrero, Pablo A.; Horvath, Balazs; Cadar, Daniel; Murienne, Jerome	A polytypic species revisited: phylogenetic and morphological variation, taxonomic status, and geographical distribution of <i>Trachops</i> (Chiroptera: Phyllostomidae)	JOURNAL OF MAMMALOLOGY	2024	105	5	1001	1021		10.1093/jmammal/gyae067
LIPME	Carlier, Aurelien; Beaumel, Marine; Moreau, Sandra; Acar, Tessa; Sana, Thibault Gery; Cnockaert, Margo; Vandamme, Peter	<i>Pseudomonas fortuita</i> sp. nov., isolated from the endosphere of a wild yam	INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY	2024	74	6			6395	10.1099/ijsem.0.006395
SETE	Caron, Dominique; Brose, Ulrich; Lurgi, Miguel; Blanchet, F. Guillaume; Gravel, Dominique; Pollock, Laura J.	Trait-matching models predict pairwise interactions across regions, not food web properties	GLOBAL ECOLOGY AND BIOGEOGRAPHY	2024	33	4				10.1111/geb.13807
LIPME	Carrere, Sebastien; Routaboul, Jean-Marc; Savourat, Pauline; Bellenot, Caroline; Lopez, Hernan; Sahoo, Amruta; Monnens, Thomas Quiroz; Ricou, Anthony; Camilleri, Christine; Declerck, Nathalie; Laufs, Patrick; Mercier, Raphael; Noel, Laurent D.	A fully sequenced collection of homozygous EMS mutants for forward and reverse genetic screens in <i>Arabidopsis thaliana</i>	PLANT JOURNAL	2024	119	6	3015	3026		10.1111/tpj.16954
CRBE	Carrias, Jean-Francois; Leroy, Celine; Aguer, Jean-Pierre; Nguyen, Xuan-Thi; Leflaive, Josephine; Corbara, Bruno; Cereghino, Regis; Jassey, Vincent E. J.	Response of anoxygenic and oxygenic phototrophs to an environmental gradient reveals unusual structure of freshwater microbial communities in the bromeliad ecosystem	HYDROBIOLOGIA	2024						10.1007/s10750-024-05758-1
LIPME	Cassan, Oceane; Pimpare, Lea-Lou; Mozzanino, Timothy; Fizames, Cecile; Devidal, Sebastien; Roux, Fabrice; Milcu, Alexandru; Lebre, Sophie; Gojon, Alain; Martin, Antoine	Natural genetic variation underlying the negative effect of elevated CO ₂ on ionome composition in <i>Arabidopsis thaliana</i>	ELIFE	2024	12				RP90170	10.7554/eLife.90170

CRBE/S ETE	Castagne, Paul; Martignac, Francois; Santoul, Frederic; Blanchet, Simon; Loot, Geraldine	Development of a duplex ddPCR assay for detection of the endangered European eels in the diet of the invasive European catfish	KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS	2024		425			24	10.1051/kmae/2024020
LRSV	Castel, Baptiste; El Mahboubi, Karima; Jacquet, Christophe; Delaux, Pierre-Marc	Immunobiodiversity: Conserved and specific immunity across land plants and beyond	MOLECULAR PLANT	2024	17	1	92	111		10.1016/j.molp.2023.12.005
CNRGV	Castric, Vincent; Batista, Rita A.; Carre, Amelie; Mousavi, Soraya; Mazoyer, Clement; Gode, Cecile; Gallina, Sophie; Ponitzki, Chloe; Theron, Anthony; Bellec, Arnaud; Marande, William; Santoni, Sylvain; Mariotti, Roberto; Rubini, Andrea; Legrand, Sylvain; Billiard, Sylvain; Vekemans, Xavier; Vernet, Philippe; Saumitou-Laprade, Pierre	The homomorphic self-incompatibility system in Oleaceae is controlled by a hemizygous genomic region expressing a gibberellin pathway gene	CURRENT BIOLOGY	2024	34	9				10.1016/j.cub.2024.03.047
LIPME	Chabert, Stan; Eeraerts, Maxime; DeVetter, Lisa W.; Borghi, Monica; Mallinger, Rachel E.	Intraspecific crop diversity for enhanced crop pollination success. A review	AGRONOMY FOR SUSTAINABLE DEVELOPMENT	2024	44	5			50	10.1007/s13593-024-00984-2
SETE	Charmantier, Anne; Burkhard, Tracy; Gervais, Laura; Perrier, Charles; Schulte-Hostedde, Albrecht I.; Thompson, Megan J.	How does urbanization affect natural selection?	FUNCTIONAL ECOLOGY	2024						10.1111/1365-2435.14667
LIPME	Chauveau, Carine; Roby, Dominique	Molecular complexity of quantitative immunity in plants: from QTL mapping to functional and systems biology	COMPTEs RENDUS BIOLOGIES	2024	347					10.5802/crbiol.153
CRBE	Chave, Jerome	Species abundance, urn models, and neutrality	COMPTEs RENDUS BIOLOGIES	2024	347					10.5802/crbiol.162
CRBE	Chave, Jerome; Pouchon, Charles; Suescun, Uxue; Lavergne, Sebastien; Dick, Christopher; Vargas, Oscar M.; Heuertz, Myriam	Evidence for a Miocene pulse of diversification of the tropical American clade of the Brazil nut family (Lecythidaceae)	BOTANY LETTERS	2024	171	4	537	551		10.1080/23818107.2024.2414981
LIPME	Chaves, C. A. Zarate; Audran, C.; Medina Culma, C. A.; Escalon, A. A.; Javegny, S.; Gagnevin, L.; Thomas, E.; Pimpare, L. L.; Lopez, C. E.; Jacobs, J. M.; Laurent, N.; Koebnik, R.; Bernal, A. J.; Szurek, B.	CRISPRi in Xanthomonas demonstrates functional convergence of transcription activator-like effectors in two divergent pathogens	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	104	104		

LIPME	Chen, Jian; Zhang, Xiaoxiao; Bernoux, Maud; Rathjen, John P.; Dodds, Peter N.	Plant Toll/interleukin-1 receptor/resistance protein domains physically associate with enhanced disease susceptibility1 family proteins in immune signaling	ISCIENCE	2024	27	2			108817	10.1016/j.isci.2024.108817
EDB	Chen, Xingyu; Sun, Wenqian; Song, Yanting; Wu, Shangong; Xie, Shouqi; Xiong, Wen; Peng, Chengdong; Peng, Yu; Wang, Zhengxiang; Lek, Sovan; Hogstrand, Christer; Sorensen, Mette; Pan, Lei; Liu, Dong	Acute waterborne cadmium exposure induces liver ferroptosis in Channa argus	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	2024	283				116947	10.1016/j.ecoen.v.2024.116947
CRBE	Chrea, Socheat; Chea, Ratha; Tudesque, Loic	Spatial patterns of benthic diatom community structure in the largest northwestern river of Cambodia (Sangker River)	KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS	2024		425			21	10.1051/kmae/2024019
SETE	Clara, Poirier; Yves-Francois, Le Lay; Anne-Laure, Achard; Dad, Roux-Michollet; Fanny, Arnaud; Carole, Barthelemye; Emmanuel, Castella; Georges, Carrel; Anne, Charpentier; Marina, Coquery; Emeline, Comby; Maxence, Forcellini; Jean-Michel, Olivier; Herve, Piegay; Olivier, Radakovitch; Nicolas, Lamouroux	Publications reveal how socio-ecological research is implemented: Lessons from the Rhone long term socio-ecological research platform	ANTHROPOCENE	2024	45				100412	10.1016/j.ancene.2023.100412
EDB	Clements, Hayley; Do Linh San, Emmanuel; Hempson, Gareth; Linden, Birthe; Maritz, Bryan; [...]; Woodhouse, Galena	The bii4africa dataset of faunal and floral population intactness estimates across Africa's major land uses	SCIENTIFIC DATA	2024	11	1			191	10.1038/s41597-023-02832-6
CRBE	Comte, Lise; Bertrand, Romain; Diamond, Sarah; Lancaster, Lesley T.; Pinsky, Malin L.; Scheffers, Brett R.; Baecher, J. Alex; Bandara, R. M. W. J.; Chen, I-Ching; Lawlor, Jake A.; Moore, Nikki A.; Oliveira, Brunno F.; Murienne, Jerome; Rolland, Jonathan; Rubenstein, Madeleine A.; Sunday, Jennifer; Thompson, Laura M.; Villalobos, Fabricio; Weiskopf, Sarah R.; Lenoir, Jonathan	Bringing traits back into the equation: A roadmap to understand species redistribution	GLOBAL CHANGE BIOLOGY	2024	30	4			e17271	10.1111/gcb.17271

CRBE	Condachou, Celine; Coutant, Opale; Brosse, Sebastien; Murienne, Jerome	Evaluating the eDNA spatial signal in natural populations and its application for the monitoring of the threatened Harttiella (Siluriformes, Loricariidae)	LIMNOLOGY AND OCEANOGRAPHY-METHODS	2024	22	9	660	669		10.1002/lom3.10634
CRBE	Condachou, Celine; Cuenot, Yves; Pigeyre, Laetitia; Covain, Raphael; Brosse, Sebastien; Murienne, Jerome	Monitoring the threatened Harttiella (Siluriformes, Loricariidae) with environmental DNA: A comparison between metabarcoding and targeted digital PCR	AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS	2024	34	2			e4111	10.1002/aqc.4111
CRBE	Condachou, Celine; Cuenot, Yves; Pigeyre, Laetitia; Covain, Raphael; Vigouroux, Regis; Brosse, Sebastien; Murienne, Jerome	Genomic resources for the monitoring and management of Tometes trilobatus, Hoplias aimara and Myloplus rhomboidalis, three exploited freshwater fish species in French Guiana	KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS	2024		425			17	10.1051/kmae/2024011
EDB	Cooper, Declan L. M.; Lewis, Simon L.; Sullivan, Martin J. P.;[...] ; Zemagho, Lise; Zent, Eglee L.; Zent, Stanford	Consistent patterns of common species across tropical tree communities	NATURE	2024	625	7996	728	+		10.1038/s41586-023-06820-z
CRBE	Corenblit, Dov; Piegay, Herve; Arrignon, Florent; Gonzalez-Sargas, Eduardo; Bonis, Anne; Davies, Neil S.; Ebengo, Dav M.; Garofano-Gomez, Virginia; Gurnell, Angela M.; Henry, Annie L.; Hortobagyi, Borbala; Martinez-Capel, Francisco; Steiger, Johannes; Tabacchi, Eric; Tooth, Stephen; Vautier, Franck; Walcker, Romain	Interactions between vegetation and river morphodynamics. Part I: Research clarifications and challenges	EARTH-SCIENCE REVIEWS	2024	253				104769	10.1016/j.earscirev.2024.104769
CRBE	Corenblit, Dov; Steiger, Johannes	Fluvial biogeomorphological feedbacks from plant traits to the landscape: Lessons from selected French rivers in line with AM Gurnell's influential contribution	RIVER RESEARCH AND APPLICATIONS	2024	40	6	1012	1030		10.1002/rra.4307
CRBE	Cornuault, Josselin; Sanchez, Mickael; Duval, Thomas; Fouquet, Antoine; Thebaud, Christophe	Deep genetic divergence underlies within-island ecomorphological variation in the endangered day gecko Phelsuma borbonica: implications for conservation	CONSERVATION GENETICS	2024	25	5	1035	1052		10.1007/s10592-024-01622-w

EDB	Costa, Mariana R. A.; Quesado, Leticia B.; Nobre, Regina L. G.; Cabral, Camila R.; Dantas, Fabiola C. C.; Sarmiento, Hugo; Amado, Andre M.; Becker, Vanessa; Padisak, Judit; Carneiro, Luciana S.; Caliman, Adriano	Ecosystem Size Drives Patterns and Control Mechanisms of Mixotrophs Success Across Tropical Lakes: A Large-Scale Assessment of the Grand Écart Hypothesis	ECOSYSTEMS	2024	27	7	937	950		10.1007/s10021-024-00931-y
CRBE	Coulon, Noemie; Pilet, Stanislas; Lize, Anne; Lacoue-Labarthe, Thomas; Sturbois, Anthony; Toussaint, Aurele; Feunteun, Eric; Carpentier, Alexandre	Shark critical life stage vulnerability to monthly temperature variations under climate change	MARINE ENVIRONMENTAL RESEARCH	2024	198				106531	10.1016/j.marenvres.2024.106531
LRSV	Crossay, Elise; Cristofoli, Valerie; Vasquez-Ocmin, Pedro; Vargas-Arana, Gabriel; Dassou, Hospice; Semedo, Arthur-Joel; Alao, Mamoudou; Marti, Guillaume; Fabre, Nicolas	Integrated untargeted metabolomics and bioactivity studies as new insights into the chemotaxonomy of Hura crepitans specimens from Peru and Sub-Saharan Africa.	Journal of pharmaceutical and biomedical analysis	2024	255		116583	116583		10.1016/j.jpba.2024.116583
EDB	Cumer, Tristan; Machado, Ana Paula; San-Jose, Luis M.; Ducrest, Anne-Lyse; Simon, Celine; Roulin, Alexandre; Goudet, Jerome	The genomic architecture of continuous plumage colour variation in the European barn owl (<i>Tyto alba</i>)	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2014			20231995	10.1098/rspb.2023.1995
LRSV	Dablanc, Axel; Hennechart, Solweig; Perez, Amelie; Cabanac, Guillaume; Guitton, Yann; Paulhe, Nils; Lyan, Bernard; Jamin, Emilien L.; Giacomoni, Franck; Marti, Guillaume	FragHub: A Mass Spectral Library Data Integration Workflow	ANALYTICAL CHEMISTRY	2024	96	30	12489	12496		10.1021/acs.analchem.4c02219
SETE	Dang, Pengfei; Zhang, Miaomiao; Chen, Xinli; Loreau, Michel; Duffy, J. Emmett; Li, Xin'e; Wen, Shuyue; Han, Xiaoqing; Liao, Lechen; Huang, Tiantian; Wan, Chenxi; Qin, Xiaoliang; Siddique, Kadambot H. M.; Schmid, Bernhard	Plant diversity decreases greenhouse gas emissions by increasing soil and plant carbon storage in terrestrial ecosystems	ECOLOGY LETTERS	2024	27	7			e14469	10.1111/ele.14469
LIPME	Dang, Thi Thu; Lalanne, David; Vu, Joseph Ly; Vu, Benoit Ly; Defaye, Johan; Verdier, Jerome; Leprince, Olivier; Buitink, Julia	BASIC PENTACYSSTEINE1 regulates ABI4 by modification of two histone marks H3K27me3 and H3ac during early seed development of <i>Medicago truncatula</i>	FRONTIERS IN PLANT SCIENCE	2024	15				1395379	10.3389/fpls.2024.1395379

LRSV/F RAIB	Dauphin, Bastien G.; Ropartz, David; Ranocha, Philippe; Rouffle, Maxime; Carton, Camille; Ru, Aurelie Le; Martinez, Yves; Fourquaux, Isabelle; Ollivier, Simon; Mac-Bear, Jessica; Trezel, Pauline; Geairon, Audrey; Jamet, Elisabeth; Dunand, Christophe; Pelloux, Jerome; Ralet, Marie - Christine; Burlat, Vincent	TBL38 atypical homogalacturonan-acetylerase activity and cell wall microdomain localization in Arabidopsis seed mucilage secretory cells	ISCIENCE	2024	27	5			109666	10.1016/j.isci.2024.109666
LIPME	de Carvalho-Niebel, Fernanda; Fournier, Joeurolle; Becker, Anke; Arancibia, Macarena Marin	Cellular insights into legume root infection by rhizobia	CURRENT OPINION IN PLANT BIOLOGY	2024	81				102597	10.1016/j.pbi.2024.102597
SETE	de Guzman, Ioar; Montoya, Jose M.; Elosegi, Arturo; Perez-Calpe, Ana Victoria; von Schiller, Daniel; Gonzalez, Jose M.; Larranaga, Aitor	Food-web energy fluxes, energy transfer efficiency, and diversity respond distinctively to pollution and water diversion in rivers	FRESHWATER BIOLOGY	2024	69	3	351	364		10.1111/fwb.14215
LRSV	de Vries, Sophie; Melkonian, Katharina; Pfeifer, Lukas	A multidisciplinary view on plant terrestrialization and the evolution of land plants	PHYSIOLOGIA PLANTARUM	2024	176	2			e14264	10.1111/ppl.14264
CRBE	Dejean, Alain; Orivel, Jerome; Cerda, Xim; Azemar, Frederic; Corbara, Bruno; Touchard, Axel	Foraging by predatory ants: A review	INSECT SCIENCE	2024						10.1111/1744-7917.13461
CRBE	Dejean, Alain; Rossi, Vivien; Compin, Arthur; Corbara, Bruno; Carpenter, James M.; Orivel, Jerome; Petitclerc, Frederic; Burban, Benoit; Azemar, Frederic	Rainfall during multiyear La Niñas caused the decline of social wasps in Northeastern Amazonia	ECOLOGY	2024	105	11				10.1002/ecy.4433
LRSV	Delaux, Pierre -Marc; Monaghan, Jacqueline	Editorial Overview: Biotic Interactions	CURRENT OPINION IN PLANT BIOLOGY	2024	78				102524	10.1016/j.pbi.2024.102524
LRSV	Delaux, Pierre-Marc; Gutjahr, Caroline	Evolution of small molecule-mediated regulation of arbuscular mycorrhiza symbiosis	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	379	1914			20230369	10.1098/rstb.2023.0369
LRSV	Delesalle, Charlotte; Vert, Gregory; Fujita, Satoshi	The cell surface is the place to be for brassinosteroid perception and responses	NATURE PLANTS	2024	10	2	206	218		10.1038/s41477-024-01621-2
CRBE	Delord, Chrystelle; Arnaud-Haond, Sophie; Leone, Agostino; Rolland, Jonathan; Nikolic, Natacha	Unraveling the Complexity of the Ne/Nc Ratio for Conservation of Large and Widespread Pelagic Fish Species: Current Status and Challenges	EVOLUTIONARY APPLICATIONS	2024	17	10			e70020	10.1111/eva.70020

LIPME	Delplace, Florent; Huard-Chauveau, Carine; Roux, Fabrice; Roby, Dominique	The receptor MIK2 interacts with the kinase RKS1 to control quantitative disease resistance to <i>Xanthomonas campestris</i>	PLANT PHYSIOLOGY	2024	197	1				10.1093/plphys/kiae626
CRBE/S ETE	Deluen, Marine; Loot, Geraldine; Bertrand, Romain; Aubret, Fabien; Valentini, Alice; Calvez, Olivier; Delmas, Claudine; Le Chevalier, Hugo; Muratet, Jean; Pottier, Gilles; Riberon, Alexandre; Rollet, Sylvain; Dubut, Vincent; Trochet, Audrey; Blanchet, Simon	Development of an Environmental and Faecal DNA Tool for Monitoring the Spatial Distribution and Fish Predation on the Mountain Amphibian <i>Calotriton asper</i>	AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS	2024	34	12			e70034	10.1002/aqc.70034
LIPME	Demont, H.; Deslandes, L.; Bernoux, M.	Deciphering thermotolerant signaling induced by plant NLR TIR domains	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	79	79		
LRSV	Deng, Heng; Pei, Yangang; Xu, Xin; Du, Xiaofei; Xue, Qihan; Gao, Zhuo; Shu, Peng; Wu, Yi; Liu, Zhaoqiao; Jian, Yongfei; Wu, Mengbo; Wang, Yikui; Li, Zhengguo; Pirrello, Julien; Bouzayen, Mondher; Deng, Wei; Hong, Yiguo; Liu, Mingchun	Ethylene-MPK8-ERF.C1-PR module confers resistance against <i>Botrytis cinerea</i> in tomato fruit without compromising ripening	NEW PHYTOLOGIST	2024	242	2	592	609		10.1111/nph.19632
SETE	Derelle, Romain; Verdonck, Rik; Jacob, Staffan; Huet, Michele; Akerman, Ildem; Philippe, Herve; Legrand, Delphine	The macronuclear genomic landscape within <i>Tetrahymena thermophila</i>	MICROBIAL GENOMICS	2024	10	1			1175	10.1099/mgen.0.001175
LIPME/LRSV/F RAIB	Desaint, Henri; Gigli, Alessandro; Belny, Adrien; Cassan-Wang, Hua; Martinez, Yves; Vailleau, Fabienne; Mounet, Fabien; Vernhettes, Samantha; Berthome, Richard; Marchetti, Marta	Reshaping the Primary Cell Wall: Dual Effects on Plant Resistance to <i>Ralstonia solanacearum</i> and Heat Stress Response	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	8	619	634		10.1094/MPMI-05-24-0059-R
SETE	Desallais, Mario; Loreau, Michel; Arnoldi, Jean-Francois	The distribution of distances to the edge of species coexistence	OIKOS	2024						10.1111/oik.11124
CRBE	Dessart, Martin; Aguiar, Joao Marcelo Robazzi Bignelli Valente; Tabacchi, Eric; Guillerme, Sylvie; Giurfa, Martin	Color-advertising strategies of invasive plants through the bee eye	FRONTIERS IN PLANT SCIENCE	2024	15				1393204	10.3389/fpls.2024.1393204

LIPME	Ding, Yi; Wang, Tongming; Gasciolli, Virginie; Reyt, Guilhem; Rembliere, Celine; Marcel, Fabien; Francois, Tracy; Bendahmane, Abdelhafid; He, Guanghua; Bono, Jean Jacques; Lefebvre, Benoit	The LysM Receptor-Like Kinase SLYK10 Controls Lipochitooligosaccharide Signaling in Inner Cell Layers of Tomato Roots	PLANT AND CELL PHYSIOLOGY	2024	65	7	1149	1159		10.1093/pcp/pcae035
LRSV/S ETE	Diot, Alice; Groth, Georg; Blanchet, Simon; Chervin, Christian	Responses of animals and plants to physiological doses of ethanol: a molecular messenger of hypoxia?	FEBS JOURNAL	2024	291	6	1102	1110		10.1111/febs.17056
CRBE	Dipita, Alain Din; Missoup, Alain Didier; Aguillon, Samantha; Lecompte, Emilie; Momboua, Brice Roxan; Chaber, Anne-Lise; Abernethy, Katharine; Njiokou, Flobert; Tindo, Maurice; Ntie, Stephan; Gaubert, Philippe	Genetic tracing of the illegal trade of the white-bellied pangolin (<i>Phataginus tricuspis</i>) in western Central Africa	SCIENTIFIC REPORTS	2024	14	1			13131	10.1038/s41598-024-63666-9
LRSV	Djari, Anis; Madignier, Guillaume; Chervin, Christian; van der Rest, Benoit; Giovannoni, James J.; Bouzayen, Mondher; Maza, Elie	A stable combination of non-stable genes outperforms standard reference genes for RT-qPCR data normalization	SCIENTIFIC REPORTS	2024	14	1			31278	10.1038/s41598-024-82651-w
LRSV	Djari, Anis; Madignier, Guillaume; Di Valentin, Olivia; Gillet, Thibault; Frasse, Pierre; Djouhri, Amel; Hu, Guojian; Julliard, Sebastien; Liu, Mingchun; Zhang, Yang; Regad, Farid; Pirrello, Julien; Maza, Elie; Bouzayen, Mondher	Haplotype- resolved genome assembly and implementation of VitExpress, an open interactive transcriptomic platform for grapevine	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2024	121	23			e2403750121	10.1073/pnas.2403750121
EDB	Drury, Jonathan P.; Clavel, Julien; Tobias, Joseph A.; Rolland, Jonathan; Sheard, Catherine; Morlon, Helene	Limited ecological opportunity influences the tempo of morphological evolution in birds	CURRENT BIOLOGY	2024	34	3				10.1016/j.cub.2023.12.055
LIPME	Duflos, Remi; Vailleau, Fabienne; Roux, Fabrice	Toward Ecologically Relevant Genetics of Interactions Between Host Plants and Plant Growth-Promoting Bacteria.	Advanced genetics (Hoboken, N.J.)	2024	5	3	2300210	2300210		10.1002/ggn.202300210
EDB	Dupin, Julia; Hong-Wa, Cynthia; Gaudeul, Myriam; Besnard, Guillaume	Phylogenetics and biogeography of the olive family (Oleaceae)	ANNALS OF BOTANY	2024	134	4	577	592	mcae100	10.1093/aob/mcae100
SETE	Dupont, Leonard; Jacob, Staffan; Philippe, Herve	Scientist engagement and the knowledge-action gap	NATURE ECOLOGY & EVOLUTION	2024						10.1038/s41598-024-02535-0
SETE	Dupont, Leonard; Thierry, Melanie; Zinger, Lucie; Legrand, Delphine; Jacob, Staffan	Beyond reaction norms: the temporal dynamics of phenotypic plasticity	TRENDS IN ECOLOGY & EVOLUTION	2024	39	1	41	51		10.1016/j.tree.2023.08.014

CRBE	Durango-Cordero, J.; Saqalli, M.; Bonilla, S. F.; Elger, A.	Vulnerability assessment of natural heritage in the North-Eastern Ecuadorian Amazon using land use cover and nature protection status	JOURNAL FOR NATURE CONSERVATION	2024	81				126686	10.1016/j.jnc.2024.126686
SETE	Duran-Nebreda, Salva; Vidiella, Blai; Spiridonov, Andrej; Eldredge, Niles; O'Brien, Michael J.; Bentley, R. Alexander; Valverde, Sergi	The many ways toward punctuated evolution	PALAEONTOLOGY	2024	67	5			e12731	10.1111/pala.12731
SETE	Durkee, Lily F.; Olazcuaga, Laure; Melbourne, Brett A.; Hufbauer, Ruth A.	Immigration delays but does not prevent adaptation following environmental change: experimental evidence	JOURNAL OF EVOLUTIONARY BIOLOGY	2024	37	6	665	676		10.1093/jeb/voae031
CRBE/S ETE	Duval, Eloise; Blanchet, Simon; Quemere, Erwan; Jacquin, Lisa; Veyssiere, Charlotte; Loot, Geraldine	When does a parasite become a disease? eDNA unravels complex host-pathogen dynamics across environmental stress gradients in wild salmonid populations	SCIENCE OF THE TOTAL ENVIRONMENT	2024	946				174367	10.1016/j.scitotenv.2024.174367
LIPME	Einspanier, Severin; Tominello-Ramirez, Christopher; Hasler, Mario; Barbacci, Adelin; Raffaele, Sylvain; Stam, Remco	High-Resolution Disease Phenotyping Reveals Distinct Resistance Mechanisms of Tomato Crop Wild Relatives against <i>Sclerotinia sclerotiorum</i>	PLANT PHENOMICS	2024	6				214	10.34133/plantphenomics.0214
LIPME/ LRSV	El Mahboubi, K.; Beaulieu, C.; Libourel, C.; Keller, J.; Mbadinda, D. L. Mbadinda; Girou, C.; Hoey, D. J.; Greiff, G. R. L.; Amblard, E.; Roux, F.; Szovenyi, P.; Cheng, S.; Nelson, J. M.; Schornack, S.; Jacquet, C.; Bonhomme, M.; Delaux, P. M.	GWAS identifies candidate immunity mechanisms in the liverwort <i>Marchantia polymorpha</i>	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	113	113		
SETE	Elmer, Kathryn R; Clobert, Jean	Dollo's law of irreversibility in the post-genomic age.	Trends in ecology & evolution	2024						10.1016/j.tree.2024.09.010
CNRGV	Estay-Ahumada, Catherine E.; Verra, Daniela M.; Roux, Michel; Sassone, Fabiana; Felder-Schmittbuhl, Marie-Paule; Klopp, Christophe; Ciocca, Dominique; Moal, Myriam Ly-Le; Hicks, David	Hyperglycemia and circadian disruption lead to retinal dysfunction in a stabilized colony of the fat sand rat <i>Psammomys obesus</i>	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE	2024	1870	4			167118	10.1016/j.bbadis.2024.167118
CRBE	Evariste, Lauris; Verneuil, Laurent; Silvestre, Jerome; Mouchet, Florence; Gauthier, Laury; Boutonnet, Jean-Charles; Flahaut, Emmanuel; Pinelli, Eric	Cellular uptake of multi-walled carbon nanotubes is associated to genotoxic and teratogenic effects towards the freshwater diatom <i>Nitzschia linearis</i>	AQUATIC TOXICOLOGY	2024	275				107067	10.1016/j.aquattox.2024.107067

CNRGV	Eynard, Sonia E.; Klopp, Christophe; Canale-Tabet, Kamila; Marande, William; Vandecasteele, Celine; Roques, Celine; Donnadiou, Cecile; Boone, Quentin; Servin, Bertrand; Vignal, Alain	The black honey bee genome: insights on specific structural elements and a first step towards pangenomes	GENETICS SELECTION EVOLUTION	2024	56	1			51	10.1186/s12711-024-00917-3
EDB	Feng, Kai; Wang, Qidong; Tao, Kun; Deng, Wenbo; Yuan, Jing; Liu, Jiashou; Li, Zhongjie; Eros, Tibor; Hugueny, Bernard	Life history strategies predict responses of lacustrine fish communities to eutrophication	SCIENCE OF THE TOTAL ENVIRONMENT	2024	951				175684	10.1016/j.scitotenv.2024.175684
LRSV	Feng, Xuehuan; Zheng, Jinfang; Irisarri, Iker; [...], Jan; Yin, Yanbin	Genomes of multicellular algal sisters to land plants illuminate signaling network evolution	NATURE GENETICS	2024	56	5				10.1038/s41588-024-01737-3
LIPME	Fernandez-Melero, Belen; del Moral, Lidia; Todesco, Marco; Rieseberg, Loren H.; Owens, Gregory L.; Carrere, Sebastien; Chabaud, Mireille; Munos, Stephane; Velasco, Leonardo; Perez-Vich, Begona	Development and characterization of a new sunflower source of resistance to race G of <i>Orobanche cumana</i> Wallr. derived from <i>Helianthus anomalus</i>	THEORETICAL AND APPLIED GENETICS	2024	137	3			56	10.1007/s00122-024-04558-4
EDB	Ferreira, Diana; San-Jose, Luis M.; Roulin, Alexandre; Gaigher, Arnaud; Fumagalli, Luca	Limited associations between MHC diversity and reproductive success in a bird species with biparental care	ECOLOGY AND EVOLUTION	2024	14	2			e10950	10.1002/ece3.10950
PPGV	Filaire, Fabien; Secula, Aurelie; Bessiere, Pierre; Pages-Homs, Marielle; Guerin, Jean-Luc; Violleau, Frederic; Till, Ugo	High and low pathogenicity avian influenza virus discrimination and prediction based on volatile organic compounds signature by SIFT-MS: a proof-of-concept study	SCIENTIFIC REPORTS	2024	14	1			17051	10.1038/s41598-024-67219-y
SETE	Fortuna, Rita; Covas, Rita; D'Amelio, Pietro B.; Silva, Liliana R.; Parenteau, Charline; Bliard, Louis; Rybak, Fanny; Doutrelant, Claire; Paquet, Matthieu	Interplay of cooperative breeding and predation risk on egg allocation and reproductive output	BEHAVIORAL ECOLOGY	2024	35	2			arae010	10.1093/beheco/arae010

CRBE	Fouquet, Antoine; Ferrao, Miqueias; Rodrigues, Miguel T.; Werneck, Fernanda P.; Prates, Ivan; Moraes, Leandro J. C. L.; Hrbek, Tomas; Chaparro, Juan C.; Lima, Albertina P.; Perez, Renata; Pansonato, Andre; Carvalho, Vinicius T.; Almeida, Alexandre P.; Gordo, Marcelo; Farias, Izeni P.; Milto, Konstantin D.; Roberto, Igor J.; Rojas, Rommel R.; Ron, Santiago R.; Guerra, Vinicius; Recoder, Renato; Camacho, Agustin; Mamani, Luis; Rainha, Raissa N.; Avila, Robson W.	Integrative species delimitation and biogeography of the <i>Rhinella margaritifera</i> species group (Amphibia, Anura, Bufonidae) suggest an intense diversification throughout Amazonia during the last 10 million years	SYSTEMATICS AND BIODIVERSITY	2024	22	1			2291086	10.1080/14772000.2023.2291086
CRBE	Fouquet, Antoine; Moraes, Leandro J. C. L.; Grant, Taran; Recoder, Renato; Camacho, Agustin; Ghellere, Jose Mario; Barutel, Alexandre; Rodrigues, Miguel Trefaut	A new species of <i>Neblinaphryne</i> (Anura: Brachycephaloidea: Neblinaphrynidae) from Serra do Imeri, Amazonas state, Brazil	ZOOTAXA	2024	5514	1	73	90		10.11646/zootaxa.5514.1.5
CRBE	Freitas, Barbara; D'Amelio, Pietro B.; Mila, Borja; Thebaud, Christophe; Janicke, Tim	Meta-analysis of the acoustic adaptation hypothesis reveals no support for the effect of vegetation structure on acoustic signalling across terrestrial vertebrates	BIOLOGICAL REVIEWS	2024						10.1111/brv.13163
CRBE/S ETE	Fromm, Emma; Zinger, Lucie; Pellerin, Felix; Di Gesu, Lucie; Jacob, Staffan; Winandy, Laurane; Aguilée, Robin; Parthuisot, Nathalie; Iribar, Amaia; White, Joel; Bestion, Elvire; Cote, Julien	Warming effects on lizard gut microbiome depend on habitat connectivity	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2021			20240220	10.1098/rspb.2024.0220
CRBE/S ETE	Fronhofer, Emanuel A.; Bonte, Dries; Bestion, Elvire; Cote, Julien; Deshpande, Jhelam N.; Duncan, Alison B.; Hovestadt, Thomas; Kaltz, Oliver; Keith, Sally A.; Kokko, Hanna; Legrand, Delphine; Malusare, Sarthak P.; Parmentier, Thomas; Saade, Camille; Schtickzelle, Nicolas; Zilio, Giacomo; Massol, Francois	Evolutionary ecology of dispersal in biodiverse spatially structured systems: what is old and what is new?	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	379	1907			20230142	10.1098/rstb.2023.0142

LRSV	Fugerey-Scarbel, Aline; Bouffier, Laurent; Lemarie, Stephane; Sanchez, Leopoldo; Alia, Ricardo; Biselli, Chiara; Buiteveld, Joukje; Carra, Andrea; Cattivelli, Luigi; Dowkiw, Arnaud; Fontes, Luis; Fricano, Agostino; Gion, Jean-Marc; Grima-Pettenati, Jacqueline; Helmersson, Andreas; Lario, Francisco; Leal, Luis; Mutke, Sven; Nervo, Giuseppe; Persson, Torgny; Rosso, Laura; Smulders, Marinus J. M.; Steffenrem, Arne; Vietto, Lorenzo; Haapanen, Matti	Prospects for evolution in European tree breeding	IFOREST-BIOGEOSCIENCES AND FORESTRY	2024	17		45	58		10.3832/ifor4544-017[online2024-03-06]
SETE	Funosas, David; Barbaro, Luc; Schille, Laura; Elger, Arnaud; Castagneyrol, Bastien; Cauchoix, Maxime	Assessing the potential of BirdNET to infer European bird communities from large-scale ecoacoustic data	ECOLOGICAL INDICATORS	2024	164				112146	10.1016/j.ecolin.d.2024.112146
LIPME/ LRSV	Galaud, Jean-Philippe; Genin, Stephane; Aldon, Didier	Pathogen effectors hijack calcium signaling to promote virulence.	Trends in plant science	2024						10.1016/j.tplants.2024.10.012
LRSV	Gallois, Maylis; Menoret, Delphine; Marques-Prieto, Simon; Montigny, Audrey; Valenti, Philippe; Moussian, Bernard; Plaza, Serge; Payre, Francois; Chanut-Delalande, Helene	Pri peptides temporally coordinate transcriptional programs during epidermal differentiation	SCIENCE ADVANCES	2024	10	6			eadg8816	10.1126/sciadv.adg8816

CRBE	Ganzhorn, Joerg U.; Andriambeloson, Jean-Basile; Atsalis, Sylvia; Behrendt, Lis M.; Blanco, Marina B.; Bollen, An; Carriere, Stephanie M.; Chikhi, Lounes; Dammhahn, Melanie; Donati, Giuseppe; Eppley, Timothy M.; Ernest, Refaly; Giertz, Peggy; Goodman, Steven M.; Hending, Daniel; Holst, Friederike; Roberts, Sam Hyde; Irwin, Mitchell T.; Lahann, Petra; Louis, Edward E.; Radespiel, Ute; Rakotondranary, S. Jacques; Ramanamanjato, Jean- Baptiste; Ramananjato, Veronarindra; Randriatafika, Faly; Ratovonamana, Yedidya R.; Razafindratsima, Onja H.; Salmona, Jordi; Schwab, Dorothea; Tsagnangara, Cedric	Facilitated Forest Restoration Using Pioneer Seed Dispersers in Madagascar: The Example of Microcebus spp.	LAND	2024	13	12			1971	10.3390/land131 21971
GBF	Gao, Yushuo; Regad, Farid; Li, Zhengguo; Pirrello, Julien; Bouzayen, Mondher; van der Rest, Benoit	Class I TCP in fruit development: much more than growth	FRONTIERS IN PLANT SCIENCE	2024	15				1411341	10.3389/fpls.202 4.1411341
CRBE	Garisoain, Raphael; Jacotot, Adrien; Delire, Christine; Binet, Stephane; Le Roux, Gael; Gascoin, Simon; Rosset, Thomas; Gogo, Sebastien; Granouillac, Franck; Payre-Suc, Virginie; Gandois, Laure	Mountain Peatlands and Drought: Carbon Cycling in the Pyrenees Amidst Global Climate Change	JOURNAL OF GEOPHYSICAL RESEARCH- BIOGEOSCIENCES	2024	129	7			e2024JG 008041	10.1029/2024JG 008041
PPGV	Geffroy, Olivier; Maza, Elie; Lytra, Georgia; Chervin, Christian	'Liking then CATA' or 'CATA then liking'? Impact of the hedonic question positioning on the wine sensory description and appreciation	OENO ONE	2024	58	3			8165	10.20870/oeno- one.2024.58.3.8 165
LRSV/P PGV	Geffroy, Olivier; Siebert, Tracey; Guyot, Emilie; Gazagnadou, Florence; Henon, Aude; Baron, Thomas Baerenzung dit; Denat, Marie; Chervin, Christian; Herderich, Markus; Bilogrevic, Eleanor; Saenz-Navajas, Maria Pilar	How do Syrah winemakers from two different French regions conceptualise peppery wines?	OENO ONE	2024	58	1			7700	10.20870/oeno- one.2024.58.1.7 700

SETE	Genin, Alexandre; Dupont, Guillaume; Valencia, Daniel; Zucconi, Mauro; Avila-Thiem, M. Isidora; Navarrete, Sergio A.; Wieters, Evie A.	Easy, fast and reproducible Stochastic Cellular Automata with chouca	PEER COMMUNITY JOURNAL	2024	4				e95	10.24072/pcjournal.466
SETE	Gibert, Anais; Buscail, Roselyne; Baguette, Michel; Fraisse, Christelle; Roux, Camille; Schatz, Bertrand; Bertrand, Joris A. M.	Holocene Climate Change Promoted Allopatric Divergence and Disjunct Geographic Distribution in a Bee Orchid Species	JOURNAL OF BIOGEOGRAPHY	2024	51	12	2424	2439		10.1111/jbi.14998
SETE	Gibert, Anais; Schatz, Bertrand; Buscail, Roselyne; Nguyen, Dominique; Baguette, Michel; Barthes, Nicolas; Bertrand, Joris A. M.	Floral phenotypic divergence and genomic insights in an Ophrys orchid: unraveling early speciation processes	NEW PHYTOLOGIST	2024						10.1111/nph.20190
CRBE	Gimenez, Marie; Cucherousset, Julien	Can habitat enhancement limit the ecological impacts of predatory fish stocking? An experimental approach	KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS	2024		425			8	10.1051/kmae/2024004
LRSV	Gonzalez, Dubiel Alfonso; de la Torre, Vanesa Sanchez Garcia; Fernandez, Rolando Reyes; Barreau, Louise; Merlot, Sylvain	Divergent roles of IREG/Ferroportin transporters from the nickel hyperaccumulator <i>Leucocroton havanensis</i>	PHYSIOLOGIA PLANTARUM	2024	176	2			e14261	10.1111/ppl.14261
LIPME	Gopalan-Nair, Rekha; Coissac, Aurore; Legrand, Ludovic; Lopez-Roques, Celine; Pecrix, Yann; Vandecasteele, Celine; Bouchez, Olivier; Barlet, Xavier; Lanois, Anne; Givaudan, Alain; Brillard, Julien; Genin, Stephane; Guidot, Alice	Changes in DNA methylation contribute to rapid adaptation in bacterial plant pathogen evolution	PLOS BIOLOGY	2024	22	9			e3002792	10.1371/journal.pbio.3002792
CRBE	Gosse, Koffi Jules; Gonedele-Bi, Sery; Dufour, Sylvain; Danquah, Emmanuel; Gaubert, Philippe	Conservation genetics of the white-bellied pangolin in West Africa: A story of lineage admixture, declining demography, and wide sourcing by urban bushmeat markets	ECOLOGY AND EVOLUTION	2024	14	3			e11031	10.1002/ece3.11031

LRSV	Goto, Yukihisa; Kadota, Yasuhiro; Mbengue, Malick; Lewis, Jennifer D.; Matsui, Hidenori; Maki, Noriko; Ngou, Bruno Pok Man; Sklenar, Jan; Derbyshire, Paul; Shibata, Arisa; Ichihashi, Yasunori; Guttman, David S.; Nakagami, Hirofumi; Suzuki, Takamasa; Menke, Frank L. H.; Robatzek, Silke; Desveaux, Darrell; Zipfel, Cyril; Shirasu, Ken	The leucine-rich repeat receptor kinase QSK1 regulates PRR-RBOHD complexes targeted by the bacterial effector HopF2Pto	PLANT CELL	2024						10.1093/plcell/k oae267
LRSV/F RAIB	Guillon, Clemence; Pichereaux, Carole; Lazar, Ikrame; Chaoui, Karima; Mouton-Barbosa, Emmanuelle; Liauzun, Mehdi; Gourbeyre, Edith; Altiner, Pinar; Bouyssie, David; Stella, Alexandre; Burlet-Schiltz, Odile; Plaza, Serge; Martineau, Yvan; Fabre, Bertrand	Mass Spectrometry-Based Workflow for the Identification and Quantification of Alternative and Canonical Proteins in Pancreatic Cancer Cells	CELLS	2024	13	23			1966	10.3390/cells132 31966
LIPME/ LRSV/F RAIB	Guillory, Ambre; Fournier, Joelle; Kelner, Audrey; Hobecker, Karen; Auriac, Marie-Christine; Frances, Lisa; Delers, Anais; Pedinotti, Lea; Le Ru, Aurelie; Keller, Jean; Delaux, Pierre-Marc; Gutjahr, Caroline; Frey, Nicolas Frei Dit; de Carvalho-Niebel, Fernanda	Annexin- and calcium-regulated priming of legume root cells for endosymbiotic infection	NATURE COMMUNICATIONS	2024	15	1			10639	10.1038/s41467- 024-55067-3
LIPME	Guillory, Ambre; Lopez-Obando, Mauricio; Bouchenine, Khalissa; Le Bris, Philippe; Lecureuil, Alain; Pillot, Jean-Paul; Steinmetz, Vincent; Boyer, Francois-Didier; Rameau, Catherine; de Saint Germain, Alexandre; Bonhomme, Sandrine	SUPPRESSOR OF MAX2 1-LIKE (SMXL) homologs are MAX2-dependent repressors of Physcomitrium patens growth	PLANT CELL	2024	36	5	1655	1672		10.1093/plcell/k oae009
LRSV	He, Xiaoqing; Liu, Kaidong; Wu, Yi; Xu, Weijie; Wang, Ruochen; Pirrello, Julien; Bouzayen, Mondher; Wu, Mengbo; Liu, Mingchun	A transcriptional cascade mediated by two APETALA2 family members orchestrates carotenoid biosynthesis in tomato	JOURNAL OF INTEGRATIVE PLANT BIOLOGY	2024	66	6	1227	1241		10.1111/jipb.136 50
CRBE	Hes, Gabriel; Vanderkelen, Inne; Fisher, Rosie; Chave, Jerome; Ogee, Jerome; Davin, Edouard L.	Projecting future forest microclimate using a land surface model	ENVIRONMENTAL RESEARCH LETTERS	2024	19	2			24030	10.1088/1748- 9326/ad1f04

CRBE	Hixon, Sean; Roberts, Patrick; Rodriguez-Varela, Ricardo; Goetherstoerm, Anders; Rossoni-Notter, Elena; Notter, Olivier; Raimondeau, Pauline; Besnard, Guillaume; Paust, Enrico; Lucas, Mary; Lagia, Anna; Fernandes, Ricardo	Expedient Bayesian prediction of subfossil bone protein content using portable ATR-FTIR data	QUATERNARY INTERNATIONAL	2024	694		1	12		10.1016/j.quaint.2024.05.002
LRSV	Hoef-Emden, Kerstin; Melkonian, Katharina; Quintana, Antera Martel; Reyes, Carolina Perez; Rodriguez, Nereida M. Rancel; Melkonian, Barbara; Melkonian, Michael	Diversity of Cryptophyte Cultures from the Canary Islands	PHYCOLOGIA	2024	63	3	312	316		10.1080/00318884.2024.2329835
SETE	Hou, Jiawen; McCormack, M. Luke; Reich, Peter B.; Sun, Tao; Phillips, Richard P.; Lambers, Hans; Chen, Han Y. H.; Ding, Yiyang; Comas, Louise H.; Valverde-Barrantes, Oscar J.; Solly, Emily F.; Freschet, Gregoire T.	Linking fine root lifespan to root chemical and morphological traits-A global analysis	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2024	121	16			e2320623121	10.1073/pnas.2320623121
EDB	Householder, John Ethan; Wittmann, Florian; Schongart, Jochen; [...]; ter Steege, Hans	One sixth of Amazonian tree diversity is dependent on river floodplains (Mar, 10.1038/s41559-024-02364-1, 2024)	NATURE ECOLOGY & EVOLUTION	2024	8	5	1046	1047		10.1038/s41559-024-02400-0
SETE	Hunter, Darren C.; Clobert, Jean; Elmer, Kathryn R.	Parity-specific differences in spatial genetics and dispersal in the common lizard	JOURNAL OF EVOLUTIONARY BIOLOGY	2024	38	1	70	82		10.1093/jeb/voae133
CRBE	Imbert, Alexis; Beisel, Jean-Nicolas; Bouletreau, Stephanie; Cucherousset, Julien	Angling bait consumption and stable isotope niche of two cyprinids in different lake fisheries	FRESHWATER BIOLOGY	2024	69	6	823	832		10.1111/fwb.14248
CRBE	Irz, Pascal; Vigneron, Thibault; Poulet, Nicolas; Richard, Benoit; Oberdorff, Thierry	The biological condition of French rivers has not improved over the last seventeen years according to the national Fish-Based-Index (FBI)	KNOWLEDGE AND MANAGEMENT OF AQUATIC ECOSYSTEMS	2024		425			11	10.1051/kmae/2024007
SETE	Isaksson, Emil; Morand-Ferron, Julie; Chaîne, Alexis	Environmental harshness does not affect the propensity for social learning in great tits, Parus major	ANIMAL COGNITION	2024	27	1			25	10.1007/s10071-024-01862-w

SETE	Iverson, Autumn R.; Humple, Diana L.; Cormier, Renee L.; Hahn, Thomas P.; Block, Theadora A.; Shizuka, Daizaburo; Lyon, Bruce E.; Chaine, Alexis S.; Hudson, Emily J.; Hull, Elisha M.	Winter GPS tagging reveals home ranges during the breeding season for a boreal-nesting migrant songbird, the Golden-crowned Sparrow	PLOS ONE	2024	19	6			e0305369	10.1371/journal.pone.0305369
CRBE	Jabiol, J.; Julien, F.; Labeille, M.	Aquatic hyphomycetes and litter decomposition in tropical streams: insights from the first study in Guadeloupe	HYDROBIOLOGIA	2024	851	18	4487	4501		10.1007/s10750-024-05602-6
CRBE	Jackson, Toby D; Fischer, Fabian J; Vincent, Gregoire; Gorgens, Eric B; Keller, Michael; Chave, Jerome; Jucker, Tommaso; Coomes, David A	Tall Bornean forests experience higher canopy disturbance rates than those in the eastern Amazon or Guiana shield.	Global change biology	2024	30	9	e17493	e17493		10.1111/gcb.17493
CRBE/S ETE	Jacob, Staffan; Dupont, Leonard; Haegeman, Bart; Thierry, Melanie; Campana, Julie L. M.; Legrand, Delphine; Cote, Julien; Raffard, Allan	Phenotypic plasticity and the effects of thermal fluctuations on specialists and generalists	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2025			20240256	10.1098/rspb.2024.0256
SETE	Jammoul, Nidal; Dupasquier, Valentin; Akodad, Mariama; Meunier, Pierre -Alain; Moulis, Lionel; Soltani, Sonia; Macia, Jean-Christophe; Robert, Pierre; Schmutz, Laurent; Steinecker, Matthieu; Piot, Christophe; Targosz, Frederic; Benkemoun, Henri; Lattuca, Benoit; Roubille, Francois; Cayla, Guillaume; Leclercq, Florence	Long-term follow-up of balloon-expandable valves according to the implantation strategy: insight from the DIRECTAVI trial	AMERICAN HEART JOURNAL	2024	270		13	22		10.1016/j.ahj.2024.01.005
CRBE	Jay, Paul; Aubier, Thomas G.; Joron, Mathieu	The interplay of local adaptation and gene flow may lead to the formation of supergenes	MOLECULAR ECOLOGY	2024	33	24				10.1111/mec.17297
CRBE	Jeanneau, Laurent; Fovet, Ophelie; Fauchoux, Mikael; Gruau, Gerard; Liotaud, Marine; Pierret, Marie-Claire; Cotel, Solenn; Molenat, Jerome; Lagacherie, Manon; Dessert, Celine; Probst, Anne	Compositional changes of dissolved organic matter during high flow events in headwater catchments along a gradient of climate and land use	COMPTEs RENDUS GEOSCIENCE	2024	356					10.5802/crgeos.272

CRBE	Joffre, Mathilde; Sauvage, Sabine; Macary, Francis; Bahi, Aya; Tournebize, Julien; Probst, Anne; Probst, Jean-Luc; Payandi-Rolland, Dahedrey; Sanchez-Perez, Jose Miguel	The role of ponds in pesticide dissipation at the catchment scale: The case of the Save agricultural catchment (Southwestern France)	SCIENCE OF THE TOTAL ENVIRONMENT	2024	934				173131	10.1016/j.scitote nv.2024.173131
EDB	Journe, Valentin; Bogdziewicz, Michal; Courbaud, Benoit; [...]; Clark, James S.	The Relationship Between Maturation Size and Maximum Tree Size From Tropical to Boreal Climates	ECOLOGY LETTERS	2024	27	9			e14500	10.1111/ele.14500
CRBE	Kaniewski, David; Marriner, Nick; Terral, Jean-Frederic; Morhange, Christophe; Chen, Zhongyuan; Wang, Yanna; Otto, Thierry; Luce, Frederic; Cheddadi, Rachid	Holocene palaeoecological archives of Eastern Mediterranean plant diversity: Past, present and future trends	ANTHROPOCENE	2024	45				100430	10.1016/j.ancene.2024.100430
CRBE	Kaniewski, David; Marriner, Nick; Vacchi, Matteo; Camuffo, Dario; Bivolaru, Alexandra; Sarti, Giovanni; Bertoni, Duccio; Diatta, Luc; Markakis, Nirefs; Martella, Amedeo; Otto, Thierry; Calaon, Diego; Cottica, Daniela; Morhange, Christophe	Holocene Sea-level impacts on Venice Lagoon's coastal wetlands	GLOBAL AND PLANETARY CHANGE	2024	236				104426	10.1016/j.gloplacha.2024.104426
CRBE	Kemppinen, Julia; Lembrechts, Jonas J.; Van Meerbeek, Koenraad; [...]; De Frenne, Pieter	Microclimate, an important part of ecology and biogeography	GLOBAL ECOLOGY AND BIOGEOGRAPHY	2024	33	6			e13834	10.1111/geb.13834
LIPME	Kim, Haseong; Kim, Jieun; Choi, Du Seok; Kim, Min-Sung; Deslandes, Laurent; Jayaraman, Jay; Sohn, Kee Hoon	Molecular basis for the interference of the Arabidopsis WRKY54-mediated immune response by two sequence-unrelated bacterial effectors	PLANT JOURNAL	2024	118	3	839	855		10.1111/tpj.16639
LIPME	Kirolinko, Cristina; Hobecker, Karen; Cueva, Marianela; Botto, Florencia; Christ, Aurelie; Niebel, Andreas; Ariel, Federico; Blanco, Flavio Antonio; Crespi, Martin; Zanetti, Maria Eugenia	A lateral organ boundaries domain transcription factor acts downstream of the auxin response factor 2 to control nodulation and root architecture in Medicago truncatula	NEW PHYTOLOGIST	2024	242	6	2746	2762		10.1111/nph.19766
CRBE	Kitching, R. L.; Wenda, C.; Rochat, J.; Thebaud, C.; Strasberg, D.; Vogiatzis, K.; Xing, S.; Ashton, L. A.	Diversity and turnover in moth assemblages in rainforests on a remote oceanic island	BIODIVERSITY AND CONSERVATION	2024	33	8-9	2265	2284		10.1007/s10531-024-02874-1

LIPME	Koebnik, Ralf; Cesbron, Sophie; Chen, Nicolas W. G.; Saux, Marion Fischer-Le; Hutin, Mathilde; Jacques, Marie-Agnes; Noel, Laurent D.; Perez-Quintero, Alvaro; Portier, Perrine; Pruvost, Olivier; Rieux, Adrien; Szurek, Boris	Celebrating the 20th anniversary of the first Xanthomonas genome sequences - how genomics revolutionized taxonomy, provided insight into the emergence of pathogenic bacteria , enabled new fundamental discoveries and helped developing novel control measures - a perspective from the French network on Xanthomonads	PEER COMMUNITY JOURNAL	2024	4				e19	10.24072/pcjournal.385
SETE	Kone, Doufoungognon Carine Estelle; Jacob, Staffan; Huet, Michele; Philippe, Herve; Legrand, Delphine	The phenotypic and demographic response to the combination of copper and thermal stressors strongly varies within the ciliate species, Tetrahymena thermophila	ENVIRONMENTAL MICROBIOLOGY REPORTS	2024	16	5			e13307	10.1111/1758-2229.13307
SETE	Koschella, Andreas; Heinze, Thomas; Severac, Etienne; Moulis, Claire	Regioselective thexyldimethylsilylation of (1-3)-glucans - Does the linkage type matter	CARBOHYDRATE POLYMERS	2024	343				122439	10.1016/j.carbpol.2024.122439
CNRGV	Kremer, Antoine; Delcamp, Adline; Lesur, Isabelle; Wagner, Stefanie; Rellstab, Christian; Guichoux, Erwan; Leroy, Thibault	Whole-genome screening for near-diagnostic genetic markers for four western European white oak species identification	ANNALS OF FOREST SCIENCE	2024	81	1			21	10.1186/s13595-024-01236-9
EDB	Lafuente, E.; Duneau, D.; Beldade, P.	Genetic basis of variation in thermal developmental plasticity for Drosophila melanogaster body pigmentation	MOLECULAR ECOLOGY	2024	33	6				10.1111/mec.17294
SETE	Lajaaiti, Ismael; Kefi, Sonia; Arnoldi, Jean-Francois	How biotic interactions structure species' responses to perturbations	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2032			20240930	10.1098/rspb.2024.0930
LIPME	Landry, David; Lefebvre, Benoit	Ubiquitination-mediated regulation of receptor- like kinases in symbiosis and immunity	MOLECULAR PLANT	2024	17	9	1335	1337		10.1016/j.molp.2024.07.013
SETE	Langford, Nadia; Fargeot, Laura; Blanchet, Simon	Spatial covariation between genetic and epigenetic diversity in wild plant and animal populations: a meta-analysis	JOURNAL OF EXPERIMENTAL BIOLOGY	2024	227				jeb246009	10.1242/jeb.246009
CRBE	Larraz, Beatriz; Garcia-Rubio, Noelia; Gamez, Matias; Sauvage, Sabine; Cakir, Roxelane; Raimonet, Melanie; Perez, Jose Miguel Sanchez	Socio-Economic Indicators for Water Management in the South-West Europe Territory: Sectorial Water Productivity and Intensity in Employment	WATER	2024	16	7			959	10.3390/w16070959

LIPME/ FRAIB	Lauber, Emmanuelle; Gonzalez-Fuente, Manuel; Escouboue, Maxime; Vicedo, Celine; Luneau, Julien S.; Pouzet, Cecile; Jauneau, Alain; Gris, Carine; Zhang, Zhi-Min; Pichereaux, Carole; Carrere, Sebastien; Deslandes, Laurent; Noel, Laurent D.	Bacterial host adaptation through sequence of a single type III effector gene	ISCIENCE	2024	27	3			109224	10.1016/j.isci.2024.109224
CRBE	Lawlor, Jake A.; Comte, Lise; Grenouillet, Gael; Lenoir, Jonathan; Baecher, J. Alex; Bandara, R. M. W. J.; Bertrand, Romain; Chen, I-Ching; Diamond, Sarah E.; Lancaster, Lesley T.; Moore, Nikki; Muriene, Jerome; Oliveira, Brunno F.; Pecl, Gretta T.; Pinsky, Malin L.; Rolland, Jonathan; Rubenstein, Madeleine; Scheffers, Brett R.; Thompson, Laura M.; van Amerom, Brit; Villalobos, Fabricio; Weiskopf, Sarah R.; Sunday, Jennifer	Mechanisms, detection and impacts of species redistributions under climate change	NATURE REVIEWS EARTH & ENVIRONMENT	2024	5	5	351	368		10.1038/s43017-024-00527-z
LRSV	Lazar, Ikrame; Livneh, Ido; Ciechanover, Aaron; Fabre, Bertrand	Tryptophanyl-Transfer RNA Synthetase Is Involved in a Negative Feedback Loop Mitigating Interferon- γ -Induced Gene Expression	CELLS	2024	13	2			180	10.3390/cells13020180
CRBE	Le Geay, Marie; Mayers, Kyle; Kuttim, Martin; Lauga, Beatrice; Jassey, Vincent E. J.	Development of a digital droplet PCR approach for the quantification of soil micro-organisms involved in atmospheric CO2 fixation	ENVIRONMENTAL MICROBIOLOGY	2024	26	6			e16666	10.1111/1462-2920.16666
LIPME	Lebreton, Pierre; Bedoussac, Laurent; Bonnet, Catherine; Journet, Etienne-Pascal; Justes, Eric; Colbach, Nathalie	Optimal species proportions, traits and sowing patterns for agroecological weed management in legume-cereal intercrops	EUROPEAN JOURNAL OF AGRONOMY	2024	159				127266	10.1016/j.eja.2024.127266
CRBE	Leclaire, Sarah; Bandekar, Mandar; Rowe, Melissah; Ritari, Jarmo; Jokiniemi, Annalaura; Partanen, Jukka; Allinen, Pia; Kuusipalo, Liisa; Kekaelaeinen, Jukka	Female reproductive tract microbiota varies with MHC profile	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2033			20241334	10.1098/rspb.2024.1334

LIPME	Leconte, Jean Michel Louis; Marco, Moroldo; Nicolas, Blanchet; Gabriela, Bindea; Sebastien, Carrere; Olivier, Catrice; Alexis, Comar; Marc, Labadie; Remy, Marandel; Nicolas, Pouilly; Camille, Tapy; Clemence, Paris; Virginie, Mirleau-Thebaud; Langlade, Nicolas Bernard	Multi-scale characterisation of cold response reveals immediate and long-term impacts on cell physiology up to seed composition in sunflower	PLANT CELL AND ENVIRONMENT	2024						10.1111/pce.14941
CRBE	Leroy, Mathieu; Jassey, Vincent E. J.; Silvestre, Jerome; Barret, Maialen; Flahaut, Emmanuel; Larue, Camille	Carbon nanotubes alter agrosystem multifunctionality	ENVIRONMENTAL SCIENCE-NANO	2024	11	10	4126	4137		10.1039/d4en00195h
LIPME	Lian, Qichao; Huettel, Bruno; Walkemeier, Birgit; Mayjonade, Baptiste; Lopez-Roques, Celine; Gil, Lisa; Roux, Fabrice; Schneeberger, Korbinian; Mercier, Raphael	A pan-genome of 69 Arabidopsis thaliana accessions reveals a conserved genome structure throughout the global species range	NATURE GENETICS	2024	56	5				10.1038/s41588-024-01715-9
CNRGV	Librado, Pablo; Tressieres, Gaetan; Chauvey, Lorelei; [...] ; Orlando, Ludovic	Widespread horse-based mobility arose around 2200 Bce in Eurasia	NATURE	2024	631	8022	819	+		10.1038/s41586-024-07597-5
CRBE	Litchman, Elena; Villeger, Sebastien; Zinger, Lucie; Auguet, Jean-Christophe; Thuiller, Wilfried; Munoz, Francois; Kraft, Nathan J. B.; Philippot, Laurent; Violle, Cyrille	Refocusing the microbial rare biosphere concept through a functional lens	TRENDS IN ECOLOGY & EVOLUTION	2024	39	10	923	936		10.1016/j.tree.2024.06.005
LRSV	Livneh, Ido; Fabre, Bertrand; Goldhirsh, Gilad; Chen, Lulu; Zinger, Adar; Shammai Vainer, Yael; Kaduri, Maya; Dahan, Aviva; Ziv, Tamar; Schroeder, Avi; Ben-Neriah, Yinon; Zohar, Yaniv; Cohen-Kaplan, Victoria; Ciechanover, Aaron	Inhibition of nucleo-cytoplasmic proteasome translocation by the aromatic amino acids or silencing Sestrin3-their sensing mediator-is tumor suppressive	CELL DEATH AND DIFFERENTIATION	2024	31	10	1242	1254		10.1038/s41418-024-01370-x
LIPME	Loo, E.; Duran, P.; Pang, T. Y.; Westhoff, P.; Garrido-Oter, R.; Frommer, W.	Contribution of sugar transporters to differentiation of microbiota colonization along the longitudinal root axis of Arabidopsis	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	140	140		

LIPME	Loo, Eliza P. -I.; Duraen, Paloma; Pang, Tin Yau; Westhoff, Philipp; Deng, Chen; Duraen, Carlos; Lercher, Martin; Garrido-Oter, Ruben; Frommer, Wolf B.	Sugar transporters spatially organize microbiota colonization along the longitudinal root axis of Arabidopsis	CELL HOST & MICROBE	2024	32	4				10.1016/j.chom.2024.02.014
CRBE	Loyau, Adeline; Bouchali, Rayan; Sentenac, Hugo; Schmeller, Dirk S.	The commensal skin microbiome of amphibian mountain populations and its association with the pathogen Batrachochytrium dendrobatidis	ENVIRONMENTAL MICROBIOLOGY	2024	26	10			e16699	10.1111/1462-2920.16699
LRSV	Lucchin, Amandine; Fouassier, Helene; Robe, Eugenie; Mbengue, Malick; Aguilar, Marielle; San Clemente, Helene; Vert, Gregory; Galaud, Jean-Philippe; Aldon, Didier	The calcium sensor AtCML8 contributes to Arabidopsis plant cell growth by modulating the brassinosteroid signaling pathway	PLANT JOURNAL	2024						10.1111/tpj.17179
EDB	Ludes, Bertrand; Alcouffe, Ameline; Tupikova, Irina; Gerard, Patrice; Tcheremissinoff, Yaramila; Riberon, Alexandre; Guilaine, Jean; Beeching, Alain; Crubezy, Eric	A ritual murder shaped the Early and Middle Neolithic across Central and Southern Europe	SCIENCE ADVANCES	2024	10	15			eadl3374	10.1126/sciadv.adl3374
EDB	Luedtke, Jennifer A; Chanson, Janice; Neam, Kelsey;[...] ; Stuart, Simon N	Author Correction: Ongoing declines for the world's amphibians in the face of emerging threats.	Nature	2024	625	7993	E2	E2		10.1038/s41586-023-06851-6
EDB	Luize, Bruno Garcia; Bauman, David; ter Steege, Hans;[...] ; Dexter, Kyle G.	Geography and ecology shape the phylogenetic composition of Amazonian tree communities	JOURNAL OF BIOGEOGRAPHY	2024	51	7	1163	1184		10.1111/jbi.14816
EDB	Luize, Bruno Garcia; Tuomisto, Hanna; Ekelschot, Robin;[...] ; ter Steege, Hans	The biogeography of the Amazonian tree flora	COMMUNICATIONS BIOLOGY	2024	7	1			1240	10.1038/s42003-024-06937-5
LRSV	Ma, Lili; Zuo, Jinhua; Bai, Chunmei; Fu, Anzhen; Wang, Qing; Zhou, Zhongjing; Deng, Zhiping; Tan, Jinjuan; Bouzayen, Mondher; Zheng, Yanyan	The dynamic N1-methyladenosine RNA methylation provides insights into the tomato fruit ripening	PLANT JOURNAL	2024	120	5	2014	2030		10.1111/tpj.17095
LRSV	Ma, Yan; Flueckiger, Isabelle; Nicolet, Jade; Pang, Jia; Dickinson, Joe B.; De Bellis, Damien; Emonet, Aurelia; Fujita, Satoshi; Geldner, Niko	Comparisons of two receptor-MAPK pathways in a single cell-type reveal mechanisms of signalling specificity	NATURE PLANTS	2024	10	9				10.1038/s41477-024-01768-y

SETE	Maccow, Awilda; Kulyk, Hanna; Severac, Etienne; Morel, Sandrine; Moulis, Claire; Boissonnat, Guillaume; Remaud-Simeon, Magali; Guieysse, David	A chemo-enzymatic pathway to expand celooligosaccharide chemical space through amine bond introduction	CARBOHYDRATE POLYMERS	2024	338				122168	10.1016/j.carbpol.2024.122168
LIPME	Macia, Felicia Maviane; Possamai, Tyrone; Dorne, Marie-Annick; Lacombe, Marie-Celine; Duchene, Eric; Merdinoglu, Didier; Peeters, Nemo; Rousseau, David; Wiedemann-Merdinoglu, Sabine	Phenotyping grapevine resistance to downy mildew: deep learning as a promising tool to assess sporulation and necrosis	PLANT METHODS	2024	20	1			90	10.1186/s13007-024-01220-4
LIPME	Magne, Kevin; Massot, Sophie; Folletti, Tifaine; Sauviac, Laurent; Ait-Salem, Elhosseyn; Pires, Ilona; Saad, Maged M.; Eida, Abdul Aziz; Bougouffa, Salim; Jugan, Adrien; Rolli, Eleonora; Forquet, Raphael; Puech-Pages, Virginie; Maillet, Fabienne; Bernal, Gautier; Gibelin, Chrystel; Hirt, Heribert; Gruber, Veronique; Peyraud, Remi; Vailleau, Fabienne; Gourion, Benjamin; Ratet, Pascal	Atypical rhizobia trigger nodulation and pathogenesis on the same legume hosts	NATURE COMMUNICATIONS	2024	15	1			9246	10.1038/s41467-024-53388-x
LRSV	Magne, Kevin; Massot, Sophie; Folletti, Tifaine; Sauviac, Laurent; Ait-Salem, Elhosseyn; Pires, Ilona; Saad, Maged M.; Eida, Abdul Aziz; Bougouffa, Salim; Jugan, Adrien; Rolli, Eleonora; Forquet, Raphael; Puech-Pages, Virginie; Maillet, Fabienne; Bernal, Gautier; Gibelin, Chrystel; Hirt, Heribert; Gruber, Veronique; Peyraud, Remi; Vailleau, Fabienne; Gourion, Benjamin; Ratet, Pascal	Atypical rhizobia trigger nodulation and pathogenesis on the same legume hosts	NATURE COMMUNICATIONS	2024	15	1			9246	10.1038/s41467-024-53388-x
LIPME	Mallinger, Rachel E.; Chabert, Stan; Naranjo, Shiala Morales; Vo, Victoria	Diversity and spatial arrangement of cultivars influences bee pollination and yields in southern highbush blueberry <i>Vaccinium corymbosum</i> x <i>darrowii</i>	SCIENTIA HORTICULTURAE	2024	335				113321	10.1016/j.scienta.2024.113321

CRBE	Manas, Frederic; Pineaux, Maxime; Humann-Guillemot, Segolene; Hatch, Scott A.; Blanchard, Pierrick; Leclaire, Sarah	Offspring's early-life performance varies with father's sperm quality in a genetically monogamous seabird	BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY	2024	78	11			118	10.1007/s00265-024-03540-w
CRBE	Marchand, Theo; Lecerf, Antoine; Brousseau, Pierre-Marc; Chauvat, Matthieu; Danger, Michael; Forey, Estelle; Handa, I. Tanya; Hedde, Mickael; Maunoury-Danger, Florence; Santonja, Mathieu; Pey, Benjamin	The Detri2match conceptual framework: Matching detritivore and detritus traits to unravel consumption rules in a context of decomposition	FUNCTIONAL ECOLOGY	2024	38	10	2084	2098		10.1111/1365-2435.14611
CRBE	Marin, Valentin; Cucherousset, Julien; Grenouillet, Gael	Interactive Effects of Anthropogenic Stressors on the Temporal Changes in the Size Spectrum of Lake Fish Communities	ECOLOGY OF FRESHWATER FISH	2024						10.1111/eff.12826
CRBE/S ETE	Marques, Virginie; Loot, Geraldine; Blanchet, Simon; Miaud, Claude; Planes, Serge; Peyran, Claire; Arnal, Veronique; Calvet, Coralie; Pioch, Sylvain; Manel, Stephanie	Optimizing detectability of the endangered fan mussel using eDNA and ddPCR	ECOLOGY AND EVOLUTION	2024	14	1			e10807	10.1002/ece3.10807
EDB	Martelo, Joana; Gkenas, Christos; Ribeiro, Diogo; Alves, M. Judite; Ribeiro, Filipe; Cucherousset, Julien; Gago, Joao; Magalhaes, M. Filomena	Local environment and fragmentation by drought and damming shape different components of native and non-native fish beta diversity across pool refuges	SCIENCE OF THE TOTAL ENVIRONMENT	2024	930				172517	10.1016/j.scitotenv.2024.172517
CRBE	Matthews, Thomas J; Triantis, Kostas A; Wayman, Joseph P; Martin, Thomas E; Hume, Julian P; Cardoso, Pedro; Faurby, Soren; Mendenhall, Chase D; Dufour, Paul; Rigal, Francois; Cooke, Rob; Whittaker, Robert J; Pigot, Alex L; Thebaud, Christophe; Jorgensen, Maria Wagner; Benavides, Eva; Soares, Filipa C; Ulrich, Werner; Kubota, Yasuhiro; Sadler, Jon P; Tobias, Joseph A; Sayol, Ferran	The global loss of avian functional and phylogenetic diversity from anthropogenic extinctions.	Science (New York, N.Y.)	2024	386	6717	55	60		10.1126/science.adk7898

SETE	Mazorra-Alonso, Monica; Peralta-Sanchez, Juan Manuel; Heeb, Philipp; Jacob, Staffan; Martin-Vivaldi, Manuel; Martinez-Bueno, Manuel; Nunez-Gomez, Rafael; Sacristan-Soriano, Oriol; Soler, Juan Jose	Microbiota and the volatile profile of avian nests are associated with each other and with the intensity of parasitism	FEMS MICROBIOLOGY ECOLOGY	2024	100	10			fiae106	10.1093/femsec/fiae106
EDB	Medina-Vega, Jose A.; Zuleta, Daniel; Aguilar, Salomon; [...], Stuart J.	Tropical tree ectomycorrhiza are distributed independently of soil nutrients	NATURE ECOLOGY & EVOLUTION	2024	8	3				10.1038/s41559-023-02298-0
LIPME	Merfa, M.; Butchacas, J.; Heiden, N.; Toth, H.; Peduzzi, C.; Bragard, C.; Cohen, S.; Koebnik, R.; Dubrow, Z.; Bogdanove, A. J.; Gris, C.; Noel, L. D.; Curland, R.; Dill-Macky, R.; Roman-Reyna, V.; Jacobs, J. M.	Gene gain and loss as major drivers of niche-specificity in Xanthomonas	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	122	122		
LRSV	Middleton, Harriet; Dozois, Jessica Ann; Monard, Cecile; Daburon, Virginie; Clostres, Emmanuel; Tremblay, Julien; Combiere, Jean-Philippe; Yergeau, Etienne; El Amrani, Abdelhak	Rhizospheric miRNAs affect the plant microbiota	ISME COMMUNICATIONS	2024	4	1			ycae120	10.1093/ismeco/ycae120
CRBE	Milton, Cecile; Michaud, Emma; Sylvi, Lea; Millera Ferriz, Lise; Roic, Enora; Gilbert, Franck; Jezequel, Ronan; Cuny, Philippe	In situ oil contamination in young mangroves: Biodegradation of petroleum hydrocarbons and effects on the microbial and benthic communities, an experimental study in French Guiana.	Marine pollution bulletin	2024	209	Pt B	1172 85	1172 85		10.1016/j.marpo lbul.2024.11728 5
CRBE	Monico, Alexander Tamanini; Koch, Esteban Diego; Ferrao, Miqueias; Fernandes, Igor Yuri; Guimaraes Marques, Giselle Moura; Chaparro, Juan Carlos; Rodrigues, Miguel Trefaut; Lima, Albertina Pimentel; Fouquet, Antoine	The small and inconspicuous majority: Revealing the megadiversity and historical biogeography of the <i>Pristimantis unistrigatus</i> species group (Anura, Strabomantidae)	MOLECULAR PHYLOGENETICS AND EVOLUTION	2024	201				108203	10.1016/j.ympev .2024.108203
LIPME	Monnens, Thomas Quiroz; Boulanger, Alice	A large scale bacterial attraction assay: A new quantitative bacterial migration assay suitable for genetic screens	PLOS ONE	2024	19	6			e030503 7	10.1371/journal. pone.0305037

LIPME	Monnens, Thomas Quiroz; Roux, Brice; Cunnac, Sebastien; Charbit, Erika; Carrere, Sebastien; Lauber, Emmanuelle; Jardinaud, Marie-Francoise; Darrasse, Armelle; Arlat, Matthieu; Szurek, Boris; Pruvost, Olivier; Jacques, Marie-Agnes; Gagnevin, Lionel; Koebnik, Ralf; Noel, Laurent D.; Boulanger, Alice	Comparative transcriptomics reveals a highly polymorphic Xanthomonas HrpG virulence regulon	BMC GENOMICS	2024	25	1			777	10.1186/s12864-024-10684-6
SETE	Montoya, Daniel; Rastelli, Eugenio; Casotti, Raffaella; Manna, Vincenzo; Trano, Anna Chiara; Balestra, Cecilia; Santinelli, Chiara; Saggiomo, Maria; Sansone, Clementina; Corinaldesi, Cinzia; Montoya, Jose M.; Brunet, Christophe	Microplastics alter the functioning of marine microbial ecosystems	ECOLOGY AND EVOLUTION	2024	14	11			e70041	10.1002/ece3.70041
SETE	Mori, Akira S.; Gonzalez, Andrew; Seidl, Rupert; Reich, Peter B.; Dee, Laura; Ohashi, Haruka; Hautier, Yann; Loreau, Michel; Isbell, Forest	Urgent climate action is needed to ensure effectiveness of protected areas for biodiversity benefits	ONE EARTH	2024	7	10				10.1016/j.oneear.2024.08.003
LIPME	Moroldo, Marco; Blanchet, Nicolas; Durufle, Harold; Bernillon, Stephane; Berton, Thierry; Fernandez, Olivier; Gibon, Yves; Moing, Annick; Langlade, Nicolas B.	Genetic control of abiotic stress-related specialized metabolites in sunflower	BMC GENOMICS	2024	25	1			199	10.1186/s12864-024-10104-9
CRBE	Mouth, Celeste; Ferreira, Flavien; Sukhikh, Natalia; Bou, Elisa; Bernard, Anaëlle; Tackx, Michele; Azemar, Frederic; Meire, Patrick; Maris, Tom; Legal, Luc	Exploring the Genetic Structure and Phylogeographic Patterns of the Copepod Genus Eurytemora in Europe	DIVERSITY-BASEL	2024	16	8			483	10.3390/d16080483
CRBE	Mouth, Celeste; Tackx, Michele; Azemar, Frederic; Bou, Elisa; Meire, Patrick; Maris, Tom; Legal, Luc; Bernard, Anaëlle	Environmental factors as drivers of the spatial distribution of the copepods Eurytemora affinis affinis and Eurytemora velox in the Scheldt tributaries	ESTUARINE COASTAL AND SHELF SCIENCE	2024	303				108802	10.1016/j.ecss.2024.108802
CRBE	Mouth, Celeste; Tackx, Michele; Bou, Elisa; Azemar, Frederic; Maris, Tom; Meire, Patrick; Bernard, Anaëlle	Investigating the spatial and seasonal distribution of the copepods Eurytemora affinis and Eurytemora velox: a case study of the Scheldt estuary	HYDROBIOLOGIA	2024						10.1007/s10750-024-05747-4

EDB	Mugabowindekwe, Maurice; Brandt, Martin; Mukuralinda, Athanase; Ciais, Philippe; Reiner, Florian; Kariryaa, Ankit; Igel, Christian; Chave, Jerome; Mertz, Ole; Hiernaux, Pierre; Tong, Xiaoye; Rwanyiziri, Gaspard; Gominski, Dimitri; Li, Sizhuo; Liu, Siyu; Gasangwa, Ivan; Hategekimana, Yves; Ndoli, Alain; Nduwamungu, Jean; Saatchi, Sassan; Fensholt, Rasmus	Trees on smallholder farms and forest restoration are critical for Rwanda to achieve net zero emissions	COMMUNICATIONS EARTH & ENVIRONMENT	2024	5	1			113	10.1038/s43247-024-01278-x
SETE	Narvaez, Pauline; Furtado, Miguel; Soares, Marta C.	Learning competence of the temperate facultative cleaner wrasse <i>Thalassoma pavo</i> (Labridae)	JOURNAL OF FISH BIOLOGY	2024	105	6	1724	1730		10.1111/jfb.15915
SETE	Narvaez, Pauline; Soares, Marta C.; Cordeiro, Cesar A. M. M.; Furtado, Miguel; Giglio, Vinicius J.; Mazzei, Renata; EL Ferreira, Carlos	Ectoparasite infection levels differ between fish from upwelling-exposed and sheltered rocky reefs areas in Brazil	REGIONAL STUDIES IN MARINE SCIENCE	2024	80				103909	10.1016/j.rsma.2024.103909
CRBE	Naudin, Sarah A.; Ferran, Aude A.; Imazaki, Pedro Henrique; Arpaillange, Nathalie; Marcuzzo, Camille; Vienne, Maina; Demmou, Sofia; Bousquet-Melou, Alain; Ramon-Portugal, Felipe; Lacroix, Marlene Z.; Hoede, Claire; Barret, Maialen; Dupouy, Veronique; Bibbal, Delphine	Development of an in vitro biofilm model for the study of the impact of fluoroquinolones on sewer biofilm microbiota	FRONTIERS IN MICROBIOLOGY	2024	15				1377047	10.3389/fmicb.2024.1377047
LRSV/F RAIB	Nicolle, Clement; Gayraud, Damien; Noel, Alba; Hortala, Marion; Amiel, Aurelien; Grat, Sabine; Le Ru, Aurelie; Marti, Guillaume; Pernodet, Jean-Luc; Lautru, Sylvie; Dumas, Bernard; Rey, Thomas	Root-associated <i>Streptomyces</i> produce galbanolides to modulate plant immunity and promote rhizosphere colonization	ISME JOURNAL	2024	18	1			wrae112	10.1093/ismejo/wrae112
SETE	Nosil, Patrik	Predicting and anticipating rapid evolution	SCIENCE	2024	386	6720	376	377		10.1126/science.ads9992
SETE	Nosil, Patrik; de Carvalho, Clarissa F.; Villoutreix, Romain; Zamorano, Laura S.; Sinclair-Waters, Marion; Planidin, Nicholas P.; Parchman, Thomas L.; Feder, Jeffrey; Gompert, Zach	Evolution repeats itself in replicate long-term studies in the wild	SCIENCE ADVANCES	2024	10	21			eadl3149	10.1126/sciadv.adl3149

CRBE	Nuon, Vanna; Chea, Ratha; Lek, Sovan; So, Nam; Hugueny, Bernard; Grenouillet, Gael	Climate change drives contrasting shifts in fish species distribution in the Mekong Basin	ECOLOGICAL INDICATORS	2024	160				111857	10.1016/j.ecolin d.2024.111857
CRBE	O'Briain, Rossa; Corenblit, Dov; Garofano-Gomez, Virginia; O'Leary, Ciara	Towards biogeomorphic river restoration: Vegetation as a critical driver of physical habitat	RIVER RESEARCH AND APPLICATIONS	2024	40	6	1087	1105		10.1002/rra.4288
CRBE	Okhrimchuk, D.; Hurtevent, P.; Gonze, M. A.; Simon-Cornu, M.; Roulier, M.; Carasco, L.; Orjollet, D.; Nicolas, M.; Probst, A.	Long-term behaviour of Cs-137, Cs-133 and K in beech trees of French forests	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2024	277				107450	10.1016/j.jenvrad.2024.107450
SETE	Olazuaga, Laure; Hufbauer, Ruth A.	Evolution fails to rescue a population in an increasingly variable environment	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2024	121	37			e2414877121	10.1073/pnas.2414877121
CRBE	Ollivier, Melodie; Rivers-Moore, Justine; Pichon, Magalie; Andrieu, Emilie; Carrie, Romain; Rudelle, Remi; Sarthou, Jean-Pierre; Ouin, Annie	Wild bees (Apoidea, Anthophila) of south-west France: more than 10 years of inventories in mosaic landscapes of Vallées et Coteaux de Gascogne (ZA-PYGAR)	BIODIVERSITY DATA JOURNAL	2024	12				e135157	10.3897/BDJ.12.e135157
EDB	Orkin, Joseph D.; Kuderna, Lukas F. K.; Hermosilla-Albala, Nuria; Fonsere, Claudia; Aylward, Megan L.; Andriaholinirina, Nicole; Balaesque, Patricia; Blair, Mary E.; Fausser, Jean-Luc; Gut, Ivo G.; Gut, Marta; Hahn, Mathew W.; Harris, R. Alan; Horvath, Julie E.; Keyser, Christine; Kitchener, Andrew C.; Le, Minh D.; Lizano, Esther; Merker, Stefan; Perry, George H.; Rabarivola, Clement J.; Raveendran, Muthuswamy; Roos, Christian; Wu, Dong Dong; Zaramody, Alphonse; Zhang, Guojie; Pozzi, Luca; Rogers, Jeffrey; Fahr, Kyle Kai-How; Bonet, Tomas Marques	Genomic diversity and demographic history of the non-anthropoid primates	AMERICAN JOURNAL OF BIOLOGICAL ANTHROPOLOGY	2024	183		128	128		

CRBE	Orkin, Joseph D.; Kuderna, Lukas F. K.; Hermosilla-Albala, Nuria; Fonsere, Claudia; Aylward, Megan L.; Janiak, Mareike C.; Andriaholinirina, Nicole; Balaesque, Patricia; Blair, Mary E.; Fausser, Jean-Luc; Gut, Ivo Glynne; Gut, Marta; Hahn, Matthew W.; Harris, R. Alan; Horvath, Julie E.; Keyser, Christine; Kitchener, Andrew C.; Le, Minh D.; Lizano, Esther; Merker, Stefan; Nadler, Tilo; Perry, George H.; Rabarivola, Clement J.; Rasmussen, Linett; Raveendran, Muthuswamy; Roos, Christian; Wu, Dong Dong; Zaramody, Alphonse; Zhang, Guojie; Zinner, Dietmar; Pozzi, Luca; Rogers, Jeffrey; Farh, Kyle Kai-How; Marques Bonet, Tomas	Ecological and anthropogenic effects on the genomic diversity of lemurs in Madagascar	NATURE ECOLOGY & EVOLUTION	2024						10.1038/s41559-024-02596-1
FRAIB	Ormancey, Melanie; Tourneur, Sabine; Pouzet, Cecile; Thuleau, Patrice; Plaza, Serge; Combier, Jean-Philippe	Tips and rules for easy design of active microRNA-encoded peptides and complementary peptides	PLANT PHYSIOLOGY	2024	196	4	2283	2285		10.1093/plphys/kliae493
LRSV	Ormancey, Melanie; Tourneur, Sabine; Pouzet, Cecile; Thuleau, Patrice; Plaza, Serge; Combier, Jean-Philippe	Tips and rules for easy design of active microRNA-encoded peptides and complementary peptides	PLANT PHYSIOLOGY	2024	196	4	2283	2285		10.1093/plphys/kliae493
SETE	Orr, James A.; Piggott, Jeremy J.; Jackson, Andrew L.; Jackson, Michelle C.; Arnoldi, Jean-Francois	Variability of functional and biodiversity responses to perturbations is predictable and informative	NATURE COMMUNICATIONS	2024	15	1			10352	10.1038/s41467-024-54540-3
SETE	Palci, Alessandro; Lee, Michael S. Y.; Aubret, Fabien; Sherratt, Emma	Multiple Paths to a Larger Mouth: Morphological Divergence in Two Island Populations of Australian Tiger Snakes (<i>Notechis scutatus</i>)	EVOLUTIONARY BIOLOGY	2024	51	3-4	395	405		10.1007/s11692-024-09642-7
SETE	Part, Tomas; Jeppsson, Tobias; Paquet, Matthieu; Arlt, Debora; Laugen, Ane T.; Low, Matthew; Knape, Jonas; Qvarnstrom, Anna; Forslund, Paer	Unclear relationships between mean survival rate and its environmental variance in vertebrates	ECOLOGY AND EVOLUTION	2024	14	3			e11104	10.1002/ece3.11104

CRBE	Pauly, Gregoire; Vanpe, Cecile; Roy, Melanie; Quenette, Pierre-Yves; Sentilles, Jerome; Dumas, Yann; Chevalier, Adeline; Chevalier, Richard; Daufresne, Tanguy; Baltzinger, Christophe	Endozoochorous plant dispersal by the Brown Bear (<i>Ursus arctos</i>) in the Pyrénées: angiosperms but also ferns and mosses and the importance of disaggregation agents	BOTANY LETTERS	2024						10.1080/23818107.2024.2439414
LRSV	Pedinotti, L.; Coutant, E.; Frey, N. Frei Dit	Functional study of CLE peptides regulating arbuscular mycorrhizal symbiosis	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	102	102		
LIPME/ LRSV	Pedinotti, Lea; de la Serve, Juliette Teyssendier; Roudaire, Thibault; San Clemente, Helene; Aguilar, Marielle; Kohlen, Wouter; Frugier, Florian; Frey, Nicolas Frei dit	The CEP peptide-CRA2 receptor module promotes arbuscular mycorrhizal symbiosis	CURRENT BIOLOGY	2024	34	22				10.1016/j.cub.2024.09.058
LRSV	Pei, Yangang; Xue, Qihan; Shu, Peng; Xu, Weijie; Du, Xiaofei; Wu, Mengbo; Liu, Kaidong; Pirrello, Julien; Bouzayen, Mondher; Hong, Yiguo; Liu, Mingchun	Bifunctional transcription factors SIERF.H5 and H7 activate cell wall and repress gibberellin biosynthesis genes in tomato via a conserved motif	DEVELOPMENTAL CELL	2024	59	10				10.1016/j.devcel.2024.03.006
CNRGV	Perrier, Charles; Allio, Remi; Legeai, Fabrice; Gautier, Mathieu; Beneluz, Frederic; Marande, William; Theron, Anthony; Rodde, Nathalie; Herrera, Melfran; Saune, Laure; Parrinello, Hugues; McClure, Melanie; Arias, Monica	Transposable element accumulation drives genome size increase in <i>Hylesia metabus</i> (Lepidoptera: Saturniidae), an urticating moth species from South America	JOURNAL OF HEREDITY	2024						10.1093/jhered/esae069
SETE	Perry, Constant; Sarraude, Tom; Billet, Manon; Minot, Elsa; Gangloff, Eric J.; Aubret, Fabien	Sex-dependent shifts in body size and condition along replicated elevational gradients in a montane colonising ectotherm, the common wall lizard (<i>Podarcis muralis</i>)	OECOLOGIA	2024	206	3-4	335	346		10.1007/s00442-024-05634-8
CRBE	Petitjean, Quentin; Lartigue, Silene; Cointe, Melina; Ris, Nicolas; Calcagno, Vincent	MoveR: An R package for easy processing and analysis of animal video-tracking data	SOFTWAREX	2024	26				101674	10.1016/j.softx.2024.101674
CRBE	Phelpin, Odile; Vernier, Françoise; Petit, Kevin; Carayon, David	Assessing agri-environmental strategies to reduce pesticide concentrations in surface drinking water sources, Coastal Charente River basin, SW France	ECOLOGICAL INDICATORS	2024	169				112802	10.1016/j.ecolind.2024.112802
CRBE	Piou, Vincent; Arafah, Karim; Bocquet, Michel; Bulet, Philippe; Vetillard, Angélique	The proteomic content of <i>Varroa destructor</i> gut varies according to the developmental stage of its host	PLOS PATHOGENS	2024	20	12			e1012802	10.1371/journal.ppat.1012802

PPGV	Podworny, Maeva; Brian, Laura; Gosset, Marianne; Peter, Magali; Cheriet, Foued; Geffroy, Olivier	In a fully dealcoholised Chardonnay wine, sugar is a key driver of liking for young consumers	OENO ONE	2024	58	4			8290	10.20870/oeno-one.2024.58.4.8290
EDB	Poissonnier, Laure-Anne; Danchin, Etienne; Isabel, Guillaume	Male attractiveness is subjective to exposure to males of different attractiveness in fruit flies	SCIENTIFIC REPORTS	2024	14	1			16463	10.1038/s41598-024-66930-0
CRBE	Porcher, Emmanuelle; Bonnet, Pierre; Damgaard, Christian; De Frenne, Pieter; Deguines, Nicolas; Ehlers, Bodil K.; Frei, Jerome; Garcia, Maria B.; Gros, Clement; Jandt, Ute; Joly, Alexis; Martin, Gabrielle; Michez, Denis; Pescott, Oliver L.; Roth, Tobias; Waller, Donald	Can we harmonize the monitoring of plants and pollinators? Meeting report on the symposium 'New solutions to monitor plants, pollinators and their interactions in a changing world', held at College de France and Museum national d'Histoire naturelle, Paris, France, 23-24 May 2024	NEW PHYTOLOGIST	2024	244	1	39	42		10.1111/nph.20038
CRBE	Pornon, Andre; Benoiston, Anne-Sophie; Escaravage, Nathalie; Lihoreau, Mathieu; Mahot-Castaing, Blandine; Martin, Gabrielle; Moreau, Lucie; White, Joel	Species-rich old grasslands have beneficial effects on the health and gut microbiome of bumblebees	FUNCTIONAL ECOLOGY	2024						10.1111/1365-2435.14705
CRBE	Poutaraud, Joachim; Sueur, Jerome; Thebaud, Christophe; Hauptert, Sylvain	Meta-Embedded Clustering (MEC): A new method for improving clustering quality in unlabeled bird sound datasets	ECOLOGICAL INFORMATICS	2024	82				102687	10.1016/j.ecoinf.2024.102687
LIPME/ FRAIB	Previtali, T.; Sauviac, L.; Pichereaux, C.; Gourion, B.	Pathogen flows at the root/nodule interface	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	137	137		
LIPME/ FRAIB	Previtali, Thomas; Rouault, Mathilde; Pichereaux, Carole; Gourion, Benjamin	Lotus resistance against Ralstonia is enhanced by Mesorhizobium and does not impair mutualism	NEW PHYTOLOGIST	2024						10.1111/nph.20276
LIPME/ CNRGV	Pubert, Camille; Boniface, Marie-Claude; Legendre, Alexandra; Chabaud, Mireille; Carrere, Sebastien; Callot, Caroline; Cravero, Charlotte; Dufau, Isabelle; Patrascoiu, Mihaela; Baussart, Aurelie; Belmonte, Elodie; Gautier, Veronique; Poncet, Charles; Zhao, Jun; Hu, Luyang; Zhou, Weijun; Langlade, Nicolas; Vautrin, Sonia; Coussy, Claire; Munos, Stephane	A cluster of putative resistance genes is associated with a dominant resistance to sunflower broomrape	THEORETICAL AND APPLIED GENETICS	2024	137	5			103	10.1007/s00122-024-04594-0

LRSV	Puginier, Camille; Libourel, Cyril; Otte, Juergen; Skaloud, Pavel; Haon, Mireille; Grisel, Sacha; Petersen, Malte; Berrin, Jean-Guy; Delaux, Pierre-Marc; Dal Grande, Francesco; Keller, Jean	Phylogenomics reveals the evolutionary origins of lichenization in chlorophyte algae	NATURE COMMUNICATIONS	2024	15	1			4452	10.1038/s41467-024-48787-z
SETE	Raffard, Allan; Jacob, Staffan; Schtickzelle, Nicolas	Non-genetic phenotypic variability affects populations and communities in protist microcosms	JOURNAL OF ANIMAL ECOLOGY	2024	93	2	221	230		10.1111/1365-2656.14036
EDB	Raimbault, Alexandre; Brin, Antoine; Manzi, Sophie; Savoie, Jean Marie; Gandois, Laure; Oliva, Priscia; Fogliani, Oceane; Roy-Camille, Coralie; Gratacap, Leonie; Roy, Melanie	Influence of habitat fragmentation and habitat amount on soil fungi communities in ancient forests	LANDSCAPE ECOLOGY	2024	39	2			19	10.1007/s10980-024-01821-3
CNRGV	Raimondeau, Pauline; Ksouda, Sayam; Marande, William; Fuchs, Anne-Laure; Gryta, Herve; Theron, Anthony; Puyoou, Aurore; Dupin, Julia; Cheptou, Pierre -Olivier; Vautrin, Sonia; Valiere, Sophie; Manzi, Sophie; Baali-Cherif, Djamel; Chave, Jerome; Christin, Pascal-Antoine; Besnard, Guillaume	A hemizygous supergene controls homomorphic and heteromorphic self-incompatibility systems in Oleaceae	CURRENT BIOLOGY	2024	34	9				10.1016/j.cub.2024.03.029
CRBE	Raimondeau, Pauline; Ksouda, Sayam; Marande, William; Fuchs, Anne-Laure; Gryta, Herve; Theron, Anthony; Puyoou, Aurore; Dupin, Julia; Cheptou, Pierre -Olivier; Vautrin, Sonia; Valiere, Sophie; Manzi, Sophie; Baali-Cherif, Djamel; Chave, Jerome; Christin, Pascal-Antoine; Besnard, Guillaume	A hemizygous supergene controls homomorphic and heteromorphic self-incompatibility systems in Oleaceae	CURRENT BIOLOGY	2024	34	9				10.1016/j.cub.2024.03.029
LIPME	Raingeval, Mathieu; Leduque, Basile; Baduel, Pierre; Edera, Alejandro; Roux, Fabrice; Colot, Vincent; Quadrana, Leandro	Retrotransposon-driven environmental regulation of FLC leads to adaptive response to herbicide	NATURE PLANTS	2024	10	11				10.1038/s41477-024-01807-8
LIPME	Ramirez-Sanchez, Daniela; Duflos, Remi; Gibelin-Viala, Chrystel; Zamar, Remy; Vailleau, Fabienne; Roux, Fabrice	The Genetic Architecture of Arabidopsis thaliana in Response to Native Non-Pathogenic Bacterial Species Revealed by Genome-Wide Association Mapping in Field Conditions	PHYTOBIOMES JOURNAL	2024	8	4	556	567		10.1094/PBIOME-S-01-24-0010-R

CNRGV	Rey, Elodie; Abrouk, Michael; Dufau, Isabelle; Rodde, Nathalie; Saber, Noha; Cizkova, Jana; Fiene, Gabriele; Stanschewski, Clara; Jarvis, David E.; Jellen, Eric N.; Maughan, Peter J.; von Baer, Ingrid; Troukhan, Maxim; Kravchuk, Maksym; Hribova, Eva; Cauet, Stephane; Krattinger, Simon G.; Tester, Mark	Genome assembly of a diversity panel of <i>Chenopodium quinoa</i>	SCIENTIFIC DATA	2024	11	1			1366	10.1038/s41597-024-04200-4
CRBE	Ribeiro, Lea; Devogel, Marion; Grissot, Antoine; Kidawa, Dorota; Jakubas, Dariusz; Syposz, Martyna; Wojczulanis-Jakubas, Katarzyna	It is good to be average: Ecological correlates of breeding phenology in an Arctic seabird, <i>Alle alle</i> (Dovekie)	ORNITHOLOGY	2024	141	4				10.1093/ornithology/ukae036
CRBE/S ETE	Richard, Murielle; Garreau, Alexandre; Bestion, Elvire; Cucherousset, Julien; Montoya, Jose M.; Blanchet, Simon	The Aquatic Metatron: A large-scale experimental facility to study the combined effects of habitat fragmentation and climate change on aquatic meta-ecosystems	METHODS IN ECOLOGY AND EVOLUTION	2024						10.1111/2041-210X.14431
CRBE	Rijsdijk, Kenneth F.; Croll, Jasper C.; Hume, Julian P.; Janoo, Anwar; Aguilée, Robin; De Groeve, Johannes; Kentie, Rosemarie; Schilthuizen, Menno; Warren, Ben H.; Claessens, Leon P. A. M.	Sea level rise and the evolution of aggression on islands	ISCIENCE	2024	27	11			111236	10.1016/j.isci.2024.111236
CRBE	Rodrigues, Amanda Cantarute; Cucherousset, Julien; Cunha, Eduardo Ribeiro; dos Santos, Natalia Carneiro Lacerda; Gomes, Luiz Carlos	Functional dissimilarity correlates to the co-occurrence patterns of native and non-native species	BIOLOGICAL INVASIONS	2024	26	8	2475	2487		10.1007/s10530-024-03321-6
CRBE	Rodrigues, Sandra; Avellan, Astrid; Bland, Garret D.; Miranda, Matheus C. R.; Larue, Camille; Wagner, Mickael; Moreno-Bayona, Diana A.; Castillo-Michel, Hiram; Lowry, Gregory V.; Rodrigues, Sonia M.	Effect of a Zinc Phosphate Shell on the Uptake and Translocation of Foliarly Applied ZnO Nanoparticles in Pepper Plants (<i>Capsicum annuum</i>)	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2024	58	7	3213	3223		10.1021/acs.est.3c08723
LRSV/P PGV	Romeo-Olivan, Ana; Chervin, Justine; Breton, Coralie; Puech-Pages, Virginie; Fournier, Sylvie; Marti, Guillaume; Rodrigues, Olivier; Dayde, Jean; Dumas, Bernard; Jacques, Alban	Deciphering Transcriptomic and Metabolomic Wood Responses to Grapevine Trunk Disease-Associated Fungi	PHYTOFRONTIERS	2024						10.1094/PHYTOFR-10-23-0132-R

LIPME	Routaboul, Jean-Marc; Bellenot, Caroline; Olympio, Aurore; Clement, Gilles; Citerne, Sylvie; Rembliere, Celine; Charvin, Magali; Franke, Lars; Chiarenza, Serge; Vasselon, Damien; Jardinaud, Marie-Francoise; Carrere, Sebastien; Nussaume, Laurent; Laufs, Patrick; Leonhardt, Nathalie; Navarro, Lionel; Schattat, Martin; Noel, Laurent D.	Arabidopsis hydathodes are sites of auxin accumulation and nutrient scavenging	PLANT JOURNAL	2024	120	3	857	871		10.1111/tpj.17014
LIPME	Sana, Thibault G.; Notopoulou, Areti; Puygrenier, Lucie; Decossas, Marion; Moreau, Sandra; Carlier, Aurelien; Krasteva, Petya, V	Structures and roles of BcsD and partner scaffold proteins in proteobacterial cellulose secretion	CURRENT BIOLOGY	2024	34	1				10.1016/j.cub.2023.11.057
LIPME/ LRSV/F RAIB	Sarrette, Baptiste; Luu, Thi-Bich; Johansson, Alexander; Fliegmann, Judith; Pouzet, Cecile; Pichereaux, Carole; Rembliere, Celine; Sauviac, Laurent; Carles, Noemie; Amblard, Emilie; Guyot, Valentin; Bonhomme, Maxime; Cullimore, Julie; Gough, Clare; Jacquet, Christophe; Pauly, Nicolas	Medicago truncatula SOBIR1 controls pathogen immunity and specificity in the Rhizobium-legume symbiosis	PLANT CELL AND ENVIRONMENT	2025	48	1	32	50		10.1111/pce.15071
LIPME	Satterlee, James W.; Alonso, David; Gramazio, Pietro; Jenike, Katharine M.; [...]; Lippman, Zachary B.	Convergent evolution of plant prickles by repeated gene co-option over deep time	SCIENCE	2024	385	6708			eado1663	10.1126/science.ado1663
PPGV	Schambri, Pierre; Kleiber, Didier; Levasseur-Garcia, Cecile	Classification of Popcorn (Zea mays var. everta) Using Near-Infrared Spectroscopy to Assess Zearalenon Risk Mitigation Strategies	AGRONOMY-BASEL	2024	14	2			277	10.3390/agronomy14020277
CRBE	Schmeller, Dirk S.; Thornton, James M.; Urbach, Davnah; Alexander, Jake; Jetz, Walter; Kulonen, Aino; Mills, Robert T. E.; Notornicola, Claudia; Palazzi, Elisa; Pauli, Harald; Randin, Christophe; Rosbakh, Sergey; Sayre, Roger; Tehrani, Nasrin Amini; Verbiest, William W. M.; Walker, Tom W. N.; Wipf, Sonja; Adler, Carolina	Toward a set of essential biodiversity variables for assessing change in mountains globally	BIOSCIENCE	2024	74	8	539	551		10.1093/biosci/biae052

EDB/C NRGV	Schmitt, Sylvain; Heuret, Patrick; Troispoux, Valerie; Beraud, Melanie; Cazal, Jocelyn; Chancerel, Emilie; Cravero, Charlotte; Guichoux, Erwan; Lepais, Olivier; Loureiro, Joao; Marande, William; Martin-Ducup, Olivier; Vincent, Gregoire; Chave, Jerome; Plomion, Christophe; Leroy, Thibault; Heuertz, Myriam; Tysklind, Niklas	Low- frequency somatic mutations are heritable in tropical trees <i>Dicorynia guianensis</i> and <i>Sextonia</i> <i>rubra</i>	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2024	121	10			e231331 2121	10.1073/pnas.23 13312121
CRBE	Seguigne, Marie; Leroy, Celine; Carrias, Jean-Francois; Corbara, Bruno; Rapnouil, Tristan Lafont; Cereghino, Regis	Interactive effects of drought and deforestation on multitrophic communities and aquatic ecosystem functions in the Neotropics-a test using tank bromeliads	PEERJ	2024	12				e17346	10.7717/peerj.1 7346
CRBE	Seguigne, Marie; Leroy, Celine; Carrias, Jean-Francois; Corbara, Bruno; Rota, Thibaut; Cereghino, Regis	Influence of isolation on the resilience of tank bromeliad ecosystems to drought in a Neotropical rainforest	HYDROBIOLOGIA	2025	852	1	249	264		10.1007/s10750- 024-05704-1
LIPME	Semblat, Amelie; Turanoglu, Cem; Faivre-Primot, Celine; Lemaitre, Jean-Paul; Marchand, Damien; Dufayet, Valerie; Rouet, Patrice; Avoscan, Laure; Mazurier, Sylvie; Lemanceau, Philippe; Journet, Etienne-Pascal; Pivato, Barbara	Impact of pea-wheat intercropping on grain ionome in relation with changes in <i>Pseudomonas</i> spp. and <i>Enterobacterales</i> abundances	PLANT AND SOIL	2024						10.1007/s11104- 024-06861-x
CRBE	Sentenac, Hugo; Schmeller, Dirk S.; Caubet, Solene; Carsin, Adelaide; Guillet, Remi; Ferriol, Jessica; Leflaive, Josephine; Loyau, Adeline	Biofilms inactivate the free-living stage of <i>Batrachochytrium dendrobatidis</i> , the most destructive pathogen for vertebrate diversity	ISME JOURNAL	2024	18	1			wrae189	10.1093/ismejo/ wrae189
CRBE	Sgarlata, Gabriele Maria; Rasolondraibe, Emmanuel; Salmona, Jordi; Le Pors, Barbara; Ralantoharijaona, Tantely; Rakotonanahary, Ando; Jan, Fabien; Manzi, Sophie; Iribar, Amaia; Zaonarivelo, John Rigobert; Andriaholinirina, Nicole Volasoa; Rasoloharijaona, Solofonirina; Chikhi, Lounes	The genomic diversity of the <i>Eliurus</i> genus in northern Madagascar with a putative new species	MOLECULAR PHYLOGENETICS AND EVOLUTION	2024	193				107997	10.1016/j.ympev .2023.107997

LRSV	Shi, Yuan; Hu, Guojian; Wang, Yan; Liang, Qin; Su, Deding; Lu, Wang; Deng, Wei; Bouzayen, Mondher; Liu, Yudong; Li, Zhengguo; Huang, Baowen	The SIGRAS9-SIZHD17 transcriptional cascade regulates chlorophyll and carbohydrate metabolism contributing to fruit quality traits in tomato	NEW PHYTOLOGIST	2024	241	6	2540	2557		10.1111/nph.19530
SETE	Sinclair-Waters, Marion; Zamorano, Laura S.; Gompert, Zachariah; Parchman, Tom; Tyukmaeva, Venera; Hopkins, David P.; Nosil, Patrik	Genetic variation within a stick-insect species associated with community-level traits	JOURNAL OF EVOLUTIONARY BIOLOGY	2024	37	6	642	652		10.1093/jeb/voae034
LIPME	Souques, Lucie; Alletto, Lionel; Blanchet, Nicolas; Casadebaig, Pierre; Langlade, Nicolas Bernard	Cover crop residues mitigate impacts of water deficit on sunflower during vegetative growth with varietal differences, but not during seed development	EUROPEAN JOURNAL OF AGRONOMY	2024	155				127139	10.1016/j.eja.2024.127139
LRSV	Spielmann, Julien; Schloesser, Marie; Hanikenne, Marc	Reduced expression of bZIP19 and bZIP23 increases zinc and cadmium accumulation in Arabidopsis halleri	PLANT CELL AND ENVIRONMENT	2024	47	6	2093	2108		10.1111/pce.14862
CRBE	Steux, Camille; Szpiech, Zachary A	The Maintenance of Deleterious Variation in Wild Chinese Rhesus Macaques.	bioRxiv : the preprint server for biology	2024						10.1101/2023.10.04.560901
EDB	Terryn, Louise; Calders, Kim; Meunier, Felicien; Bauters, Marijn; Boeckx, Pascal; Brede, Benjamin; Burt, Andrew; Chave, Jerome; da Costa, Antonio Carlos Lola; D'hont, Barbara; Disney, Mathias; Jucker, Tommaso; Lau, Alvaro; Laurance, Susan G. W.; Maeda, Eduardo Eiji; Meir, Patrick; Krishna Moorthy, Sruthi M.; Nunes, Matheus Henrique; Shenkin, Alexander; Sibret, Thomas; Verhelst, Tom E.; Wilkes, Phil; Verbeeck, Hans	New tree height allometries derived from terrestrial laser scanning reveal substantial discrepancies with forest inventory methods in tropical rainforests	GLOBAL CHANGE BIOLOGY	2024	30	8			e17473	10.1111/gcb.17473
EDB	Thel, Lucie; Garel, Mathieu; Marchand, Pascal; Bourgoïn, Gilles; Loison, Anne	Too hot or too disturbed? Temperatures more than hikers affect circadian activity of females in northern chamois	ANIMAL BEHAVIOUR	2024	210		347	367		10.1016/j.anbehav.2024.01.010
CRBE	Thibodeau, Alexandre J.; Barret, Maialen; Mouchet, Florence; Nguyen, Van Xuan; Pinelli, Eric	The potential contribution of aquatic wildlife to antibiotic resistance dissemination in freshwater ecosystems: A review	ENVIRONMENTAL POLLUTION	2024	350				123894	10.1016/j.envpol.2024.123894

CRBE/S ETE	Thierry, Melanie; Cote, Julien; Bestion, Elvire; Legrand, Delphine; Clobert, Jean; Jacob, Staffan	The interplay between abiotic and biotic factors in dispersal decisions in metacommunities	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	379	1907			2023013 7	10.1098/rstb.20 23.0137
LRSV	Thuleau, Patrice; Ormancey, Melanie; Plaza, Serge; Combiér, Jean-Philippe	MiPEPs and cPEPs as tools to monitor plant gene expression and develop alternative strategies in agriculture.	Journal of experimental botany	2024						10.1093/jxb/era e501
CRBE	Tooth, Stephen; Irvine-Fynn, Tristram; Corenblit, Dov; Griffiths, Hywel M.; Hardy, Andy; Sanders, Catherine	Zoonotic diseases in a 'Pandemicene': How can geomorphology contribute to the improved characterisation of dynamic 'pathogenic landscapes'?	EARTH SURFACE PROCESSES AND LANDFORMS	2024	49	6	1723	1731		10.1002/esp.581 3
CRBE	Tordoni, Enrico; Carmona, Carlos Perez; Toussaint, Aurele; Tamme, Riin; Partel, Meelis	Global patterns and determinants of multiple facets of plant diversity	GLOBAL ECOLOGY AND BIOGEOGRAPHY	2024	33	5				10.1111/geb.138 23
CRBE	Touchard, Axel; Robinson, Samuel D.; Lalague, Hadrien; Ascoet, Steven; Billet, Arnaud; Dejean, Alain; Tene, Nathan J.; Petitclerc, Frederic; Troispoux, Valerie; Treilhou, Michel; Bonnafe, Elsa; Vetter, Irina; Vizueta, Joel; Moreau, Corrie S.; Orivel, Jerome; Tysklind, Niklas	Adaptive trade-offs between vertebrate defence and insect predation drive Amazonian ant venom evolution	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2024	291	2035			2024218 4	10.1098/rspb.20 24.2184
LRSV	Tourdot, Edouard; Martin, Pascal G. P.; Maza, Elie; Mauxion, Jean- Philippe; Djari, Anis; Gevaudant, Frederic; Chevalier, Christian; Pirrello, Julien; Gonzalez, Nathalie	Ploidy-specific transcriptomes shed light on the heterogeneous identity and metabolism of developing tomato pericarp cells	PLANT JOURNAL	2024	118	4	997	1015		10.1111/tpj.166 46
CRBE	Tournebize, Remi; Chikhi, Lounes	Ignoring population structure in hominin evolutionary models can lead to the inference of spurious admixture events	NATURE ECOLOGY & EVOLUTION	2024						10.1038/s41559- 024-02591-6
LIPME/ LRSV	Tourneur, Sabine; Combiér, Jean- Philippe; Plaza, Serge; Munos, Stephane; Delavault, Philippe	microRNA-encoded peptides inhibit seed germination of the root parasitic plant <i>Orobancha cumana</i>	PLANTS PEOPLE PLANET	2024						10.1002/ppp3.1 0501
CRBE	Ulloa-Cedamano, F; Probst, J L; Probst, A	Medium term hydrochemical and CO2 responses to anthropogenic and environmental changes in karst headwater streams.	The Science of the total environment	2024	957		1776 14	1776 14		10.1016/j.scitote nv.2024.177614

CRBE	Vacher, Jean-Pierre; Kok, Philippe J. R.; Rodrigues, Miguel Trefaut; Lima, Albertina; Hrbek, Tomas; Werneck, Fernanda P.; Manzi, Sophie; Thebaud, Christophe; Fouquet, Antoine	Diversification of the terrestrial frog genus <i>Anomaloglossus</i> (Anura, Aromobatidae) in the Guiana Shield proceeded from highlands to lowlands, with successive loss and reacquisition of endotrophy	MOLECULAR PHYLOGENETICS AND EVOLUTION	2024	192				108008	10.1016/j.ympcv.2023.108008
CRBE	Vagnon, Chloe; Olden, Julian D.; Bouletreau, Stephanie; Bruel, Rosalie; Chevalier, Mathieu; Garcia, Flavien; Holtgrieve, Gordon; Jackson, Michelle; Thebault, Elisa; Tedesco, Pablo A.; Cucherousset, Julien	Ecosystem synchrony: an emerging property to elucidate ecosystem responses to global change	TRENDS IN ECOLOGY & EVOLUTION	2024	39	12	1080	1089		10.1016/j.tree.2024.08.003
EDB	van Bergen, E.; Atencio, G.; Saastamoinen, M.; Beldade, P.	Thermal plasticity in protective wing pigmentation is modulated by genotype and food availability in an insect model of seasonal polyphenism	FUNCTIONAL ECOLOGY	2024	38	8	1765	1778		10.1111/1365-2435.14602
CRBE	van Elst, Tobias; Sgarlata, Gabriele M.; Schuessler, Dominik; [...], Ute; Salmona, Jordi	Integrative taxonomy clarifies the evolution of a cryptic primate clade	NATURE ECOLOGY & EVOLUTION	2024						10.1038/s41559-024-02547-w
CRBE	Vanalderweireldt, Lucie; Albouy, Camille; Le Loc'h, Francois; Libralato, Simone; Millot, Remi; Garcia, Jessica; Santoni, Marie-Catherine; Culioli, Jean-Michel; de Bettignies, Thibaut; Durieux, Eric D. H.	Bonifacio strait natural reserve (BSNR): Investigating ecosystem functioning through comparative modelling of marine protected areas	OCEAN & COASTAL MANAGEMENT	2024	256				107263	10.1016/j.ocecoaman.2024.107263
CRBE	Vecchiato, Marco; Sentenac, Hugo; Jaffe, Jenny E.; Sainsbury, Anthony W.	Health Effects of Patagial Wing Tags in Red Kites (<i>Milvus milvus</i>) in the UK	JOURNAL OF WILDLIFE DISEASES	2024	60	3	714	720		10.7589/JWD-D-23-00011
CRBE	Vilarem, Caroline; Blanchard, Solene; Julien, Frederic; Vetillard, Angelique; Piou, Vincent	Lactic acid treatment on infested honey bees works through a local way of action against <i>Varroa</i> destructor.	Scientific reports	2024	14	1	2709 2	2709 2		10.1038/s41598-024-78371-w
CRBE	Vishwakarma, Ravi; Sgarlata, Gabriele Maria; Soriano-Panos, David; Rasteiro, Rita; Maie, Tiago; Paixao, Tiago; Tournebize, Remi; Chikhi, Lounes	Species-Specific Traits Shape Genetic Diversity During an Expansion-Contraction Cycle and Bias Demographic History Reconstruction	MOLECULAR ECOLOGY	2025	34	1				10.1111/mec.17597
LIPME/ LRSV	Viudes, Sebastien; Zamar, Remy; Burlat, Vincent; Roux, Fabrice; Dunand, Christophe	Genome wide association study of <i>Arabidopsis</i> seed mucilage layers at a regional scale	PLANT PHYSIOLOGY AND BIOCHEMISTRY	2024	207				108375	10.1016/j.plaphy.2024.108375

EDB	Vodouhe, Fifanou; Nago, Sedjro Gilles Armel; Djagoun, Chabi A. M. S.; Zanvo, Stanislas; Dossou, Ayide A. A.; Djagoun, Joel; Azihou, Fortune; Djossa, Bruno A.; Assogbadjo, Achile E.; Sinsin, Brice; Gaubert, Philippe	Actors' Perceptions of Profitability Along a Bushmeat Commodity Chain in West Africa (Southern Benin)	TROPICAL CONSERVATION SCIENCE	2024	17				1,9401E+16	10.1177/19400829241268454
LIPME/ FRAIB	Waleryszak, L. Monge; Pichereaux, C.; Lauber, E.; Noel, L. D.; Pacquit, V.; Deslandes, L.	Deciphering the proximal proteome of two YopJ family acetyltransferases from two plant vascular pathogenic bacteria	MOLECULAR PLANT-MICROBE INTERACTIONS	2024	37	5	73	73		
SETE	Wan, Nian-Feng; Dainese, Matteo; Wang, Yu-Quan; Loreau, Michel	Cascading social-ecological benefits of biodiversity for agriculture	CURRENT BIOLOGY	2024	34	12	R587	R603		10.1016/j.cub.2024.05.001
CRBE	Wang, Yanna; Zhou, Jinqing; Zhao, Xiaoshuang; Kaniewski, David; Marriner, Nick; Salem, Alaa; Chen, Jing; Chen, Zhongyuan	Reconstructing Holocene hydroclimate variability and coastal dynamics of the Nile Delta: A diatom perspective	QUATERNARY SCIENCE REVIEWS	2024	346				109070	10.1016/j.quasci rev.2024.109070
CRBE	Whitcher, Courtney; Dill Orrico, Victor Goyannes; Ron, Santiago; Lyra, Mariana L; Santana Cassini, Carla; Ferreira, Rodrigo B; Nakamura, Daniel Y M; Peloso, Pedro; Rada, Marco; Rivera-Correa, Mauricio; Jose Sturaro, Marcelo; Valdujo, Paula H; Haddad, Celio F B; Grant, Taran; Faivovich, Julian; Lemmon, Alan; Moriarty Lemmon, Emily	Phylogenetics, biogeography, and life history evolution in the broadly distributed treefrog genus Dendropsophus.	Molecular phylogenetics and evolution	2024			108275	108275		10.1016/j.ympev.2024.108275
LIPME	Whiting, James R.; Booker, Tom R.; Rougeux, Clement; Lind, Brandon M.; [...]; Yeaman, Sam	The genetic architecture of repeated local adaptation to climate in distantly related plants	NATURE ECOLOGY & EVOLUTION	2024	8	10				10.1038/s41559-024-02514-5
EDB	Williams, Jake; Petteorelli, Nathalie; Hartmann, Aaron C.; Quinn, Robert A.; Plaisance, Laetitia; O'Mahoney, Michael; Meyer, Chris P.; Fabricius, Katharina E.; Knowlton, Nancy; Ransome, Emma	Decline of a distinct coral reef holobiont community under ocean acidification	MICROBIOME	2024	12	1			75	10.1186/s40168-023-01683-y
CRBE	Wiradarma, Huda; Amarasinghe, A. A. Thasun; Farajallah, Achmad; Widayati, Kanthi A.; Fouquet, Antoine; Riyanto, Awal; Mulyadi, M.; Trilaksono, Wahyu; Arida, Evy A.; Hamidy, Amir	Two Distinct Rapid Frog Lineages (Anura: Hylarana) from Halmahera, Northern Moluccas, with the Description of a New Species	HERPETOLOGICA	2024	80	3	291	303		10.1655/Herpetologica-D-23-00062.S1

EDB	Wu, Di; Zou, Ying; Xiao, Juan; Mo, Ling; Lek, Sovan; Chen, Bo; Fu, Qiongyao; Guo, Zhiqiang	The spatiotemporal variations of microbial community in relation to water quality in a tropical drinking water reservoir, Southmost China	FRONTIERS IN MICROBIOLOGY	2024	15				1354784	10.3389/fmicb.2024.1354784
CRBE	Wu, Fengqi; Liu, Shuwen; Lamour, Julien; Atkin, Owen K; Yang, Nan; Dong, Tingting; Xu, Weiyang; Smith, Nicholas G; Wang, Zhihui; Wang, Han; Su, Yanjun; Liu, Xiaojuan; Shi, Yue; Xing, Aijun; Dai, Guanhua; Dong, Jinlong; Swenson, Nathan G; Kattge, Jens; Reich, Peter B; Serbin, Shawn P; Rogers, Alistair; Wu, Jin; Yan, Zhengbing	Linking leaf dark respiration to leaf traits and reflectance spectroscopy across diverse forest types.	The New phytologist	2024						10.1111/nph.20267
CRBE	Xia, Zhijun; Wang, Qin; Brosse, Sebastien; Heino, Jani; Wang, Zixin; Liao, Zhonghua; Li, Xuehua; He, Yongfeng; Liu, Fei; Wang, Jianwei	Trait-based analyses reveal the recovery of riverine fish communities after a fishing ban	REVIEWS IN FISH BIOLOGY AND FISHERIES	2024						10.1007/s11160-024-09911-w
CRBE	Xu, Congjun; Su, Guohuan; Brosse, Sebastien; Zhao, Kangshun; Zhang, Min; Xu, Jun	Social benefits and environmental performance of aquaculture need to improve worldwide	COMMUNICATIONS EARTH & ENVIRONMENT	2024	5	1			698	10.1038/s43247-024-01790-0
EDB	Xu, Meng; Li, Shao-peng; Liu, Chunlong; Tedesco, Pablo A.; Dick, Jaimie T. A.; Fang, Miao; Wei, Hui; Yu, Fandong; Shu, Lu; Wang, Xuejie; Gu, Dangen; Mu, Xidong	Global freshwater fish invasion linked to the presence of closely related species	NATURE COMMUNICATIONS	2024	15	1			1411	10.1038/s41467-024-45736-8
LRSV	Yagi, Noriyoshi; Fujita, Satoshi; Nakamura, Masayoshi	Plant microtubule nucleating apparatus and its potential signaling pathway	CURRENT OPINION IN PLANT BIOLOGY	2024	82				102624	10.1016/j.pbi.2024.102624
CRBE	Yermakovich, Danat; Andre, Mathilde; Brucato, Nicolas; Kariwiga, Jason; Leavesley, Matthew; Pankratov, Vasili; Mondal, Mayukh; Ricaut, Francois Xavier; Dannemann, Michael	Denisovan admixture facilitated environmental adaptation in Papua New Guinean populations	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2024	121	26			e2405889121	10.1073/pnas.2405889121
CRBE	Younes, Gamal; Kaniewski, David; Marriner, Nick; Morhange, Christophe; Sheisha, Hader; Odler, Martin; Wang, Yanna; Chen, Zhongyuan; El-Qady, Gad; Saleem, Amr; Veron, Alain	The construction of the Giza pyramids chronicled by human copper contamination	GEOLOGY	2024	52	10	774	778		10.1130/G51965.1

LIPME	Zanetti, Maria Eugenia; Blanco, Flavio; Ferrari, Milagros; Ariel, Federico; Benoit, Matthias; Niebel, Andreas; Crespi, Martin	Epigenetic control during root development and symbiosis	PLANT PHYSIOLOGY	2024	196	2	697	710		10.1093/plphys/kiae333
LRSV	Zdouc, Mitja M; Blin, Kai; Louwen, Nico L L; [...] Ziemert, Nadine; Zimmer, Lukas; Zimmermann, Alina; Zimmermann, Christian; van der Hooft, Justin J J; Linington, Roger G; Weber, Tilmann; Medema, Marnix H	MIBiG 4.0: advancing biosynthetic gene cluster curation through global collaboration.	Nucleic acids research	2024						10.1093/nar/gkae1115
SETE	Zelnik, Yuval R.; Barbier, Matthieu; Shanafelt, David W.; Loreau, Michel; Germain, Rachel M.	Linking intrinsic scales of ecological processes to characteristic scales of biodiversity and functioning patterns	OIKOS	2024	2024	3				10.1111/oik.10514
SETE	Zelnik, Yuval R.; Galiana, Nuria; Barbier, Matthieu; Loreau, Michel; Galbraith, Eric; Arnoldi, Jean-Francois	How collectively integrated are ecological communities?	ECOLOGY LETTERS	2024	27	1			e14358	10.1111/ele.14358
LIPME	Zhang, Jingyi; Sun, Jongho; Chiu, Chai Hao; Landry, David; Li, Kangping; Wen, Jiangqi; Mysore, Kirankumar S.; Fort, Sebastien; Lefebvre, Benoit; Oldroyd, Giles E. D.; Feng, Feng	A receptor required for chitin perception facilitates arbuscular mycorrhizal associations and distinguishes root symbiosis from immunity	CURRENT BIOLOGY	2024	34	8				10.1016/j.cub.2024.03.015
LRSV	Zhang, Yuming; Li, Hongyu; Zhang, Yongwei; Jiang, Shanshan; Dong, Bin	SRCB at SemEval-2023 Task 2: A System of Complex Named Entity Recognition with External Knowledge	17TH INTERNATIONAL WORKSHOP ON SEMANTIC EVALUATION, SEMEVAL-2023	2023			671	678		
SETE	Zhao, Qingzhou; Freschet, Gregoire T.; Tao, Tingting; Smith, Gabriel Reuben; Wang, Peng; Hu, Lingyan; Ma, Miaojun; Johnson, David; Crowther, Thomas W.; Hu, Shuijin	Resolving the Intricate Effects of Multiple Global Change Drivers on Root Litter Decomposition	GLOBAL CHANGE BIOLOGY	2024	30	10			e17547	10.1111/gcb.17547

EDB	Zhao, Zhe; Ciais, Philippe; Wigneron, Jean-Pierre; Santoro, Maurizio; Brandt, Martin; Kleinschroth, Fritz; Lewis, Simon L.; Chave, Jerome; Fensholt, Rasmus; Laporte, Nadine; Sonwa, Denis Jean; Saatchi, Sassan S.; Fan, Lei; Yang, Hui; Li, Xiaojun; Wang, Mengjia; Zhu, Lei; Xu, Yidi; He, Jiaying; Li, Wei	Central African biomass carbon losses and gains during 2010-2019	ONE EARTH	2024	7	3				10.1016/j.oneear.2024.01.021
SETE	Zheng, Jiajia; Freschet, Gregoire T.; Tedersoo, Leho; Li, Shenggong; Yan, Han; Jiang, Lei; Wang, Huimin; Ma, Ning; Dai, Xiaoqin; Fu, Xiaoli; Kou, Liang	A trait-based root acquisition-defence-decomposition framework in angiosperm tree species	NATURE COMMUNICATIONS	2024	15	1			5311	10.1038/s41467-024-49666-3
LRSV	Zhu, Qianan; Tan, Qinqin; Gao, Qiyang; Zheng, Senlin; Chen, Weixin; Galaud, Jean-Philippe; Li, Xueping; Zhu, Xiaoyang	Calmodulin-like protein CML15 interacts with PP2C46/65 to regulate papaya fruit ripening via integrating calcium, ABA and ethylene signals	PLANT BIOTECHNOLOGY JOURNAL	2024	22	6	1703	1723		10.1111/pbi.14297