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bis 2019: Institut für Botanik (210)
ab 2020: FG 190a & FG 190b

Sortierung nach Jahren, jeweils in Zeitschriften-Aufsätze,
Artikel; Buchbeiträge; Sammelwerke/ Monographien

2025

Zeitschriften-Aufsätze, Artikel begutachtet 2025

190a:

- Iversen R., Nielsen P. O., Sørensen L. V., Svensson A., Steffensen J. P., **Land A.**, Thorsen M. S. & Sonne Nielsen F. O. (2025): Sun stones and the darkened sun: Neolithic miniature art from the island of Bornholm, Denmark. *Antiquity*, 17 p., DOI: 10.15184/aqy.2024.217
- Koutsodendris A., Maran J., Kotthoff U., Lippold J., **Knipping M.**, Friedrich O., Gerdes A., Kaboth-Bahr S., Bahr A., Schulz H., Sakellariou D. & Pross J. (2025): Societal changes in Ancient Greece impacted terrestrial and marine environments. *Communications Earth and Environment*, DOI: 10.1038/s43247-024-01921-7
- Li R., Wang X., Haj Ahmad F., Thoe Fuglsang A., **Steppuhn A.**, Stintzi A. & Schaller A. (2025): Poltergeist-Like 2 (PLL2)-dependent activation of herbivore defence distinguishes systemin from other immune signalling pathways. *Nature Plants*, 25p. DOI: 10.21203/rs.3.rs-4919676/v1

Aufsätze, Artikel ohne Peer-Review 2025

190b:

- Neequaye M., Kellenberger R. T., Collier R., Paajanen P., Antoniou-Kourounioti R., Wenzell K. E., Hill L., **Schlüter P. M.** & Byers K. J. R. (2025): Pollinator-relevant floral traits underlie bidirectional hybridisation in the orchid genus *Gymnadenia*. *bioRxiv*, 32p. DOI: 10.1101/2025.03.20.644302 [Preprint]

2024

Zeitschriften-Aufsätze, Artikel begutachtet 2024

190a:

- Antoine E., Marquer L., Muigg B., Tegel W., Bisson U., Bolliger M., Herzig F., Heussner K.-U., Hofmann J., Kontic R., Kyncl T., **Land A.**, Lechterbeck J., Leuschner H. H., Linderholm H. W., Neyses-Eiden M., Rösch M., Rzepecki A., Walder F., Weidemüller J., Westphal T. & Seim A. (2024): Legacy of last millennium timber use on plant cover in Central Europe: Insights from tree rings and pollen. *Science of The Total Environment* 922, 171157, DOI: 10.1016/j.scitotenv.2024.171157
- Berauer B. J., **Steppuhn A.**, Schweiger A. H. (2024): The multidimensionality of plant drought stress: The relative importance of edaphic and atmospheric drought. *Plant Cell & Environment* DOI: 10.1111/pce.15012
- Buechi M.W., Landgraf A., Madritsch H., Mueller D., **Knipping M.**, Nyffenegger F., Preusser F., Schaller S. & Schnellmann M. (2024): Terminal glacial overdeepenings: Patterns of erosion, infilling and new constraints on the glaciation history of Northern Switzerland. *Quaternary Science Reviews* 344: Art. no. 108970. DOI: 10.1016/j.quascirev.2024.108970
- Klesse S., Peters R. L., Alfaro-Sánchez R., Badeau V., ..., **Land A.**, Latte N., Lebourgeois F., ..., Weigel R., Zlatanov T., Zang C. & Buras A. [73 authors] (2024): No Future Growth Enhancement Expected at the Northern Edge for

European Beech due to Continued Water Limitation. *Global Change Biology* 30(10): e17546. DOI: 10.1111/gcb.17546

Leifsson C., Buras A., Klesse S., Baittinger C., Bat-Enerel B., Battipaglia G., Biondi F., Stajić B., Budeanu M., Čada V., Cavin L., Claessens H., Čufar K., de Luis M., Dorado-Liñán I., ..., **Land A.**, Latte N., Lebourgeois F., Leuschner C., Longares L. A., Martínez del Castillo E., ..., Rammig A. & Zang C. S. [56 authors] (2024): Identifying drivers of non-stationary climate-growth relationships of European beech. *Science of The Total Environment* 937, 173321. DOI: 10.1016/j.scitotenv.2024.173321

Paskulin L., McGrath K., Hagan R., Speller C., Berihuete-Azorín M., **Stika H.-P.**, Valamoti S.-M. & Hendy J. (2024): Leave no stone unturned: Exploring the metaproteome of beerstone for the identification of archaeological beer production. *Journal of Archaeological Science* 168, Art. no. 106019. DOI: 10.1016/j.jas.2024.106019

Petrén H., Anaia R. A., **Aragam K. S.**, Bräutigam A., Eckert S., Heinen R., Jakobs R., Ojeda-Prieto L., Popp M., Sasidharan R., Schnitzler J.-P., **Steppuhn A.**, Thon F. M., Unsicker S. B., van Dam N. M., Weisser W. W., Wittmann M. J., Yepes S., Ziaja D., Müller C. & Junker, R. R. (2024): Understanding the chemodiversity of plants: Quantification, variation and ecological function. *Ecological Monographs* 94(4), Art. no. e1635. DOI: 10.1002/ecm.1635.

Schirmmacher J., Almeida N. J., **Stika H.-P.** & Weinelt M. (2024): Climate deterioration and subsistence economy in prehistoric Southern Iberia: an evaluation of potential links based on regional trajectories. *Environ. Res. Lett.* 19, 064057. DOI: 10.1088/1748-9326/ad4fa3

Spangenberg G., **Zimmermann R.**, **Küppers M.**, Schäffer J. & Hein S. (2024): Interannual radial growth response of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) to severe droughts: an analysis along a gradient of soil properties and rooting characteristics. *Annals of Forest Science* 81(1), Art. no. 23. DOI: 10.1186/s13595-024-01240-z

Stika H.-P., **Neugebauer A.**, Rihuete-Herrada C., Risch R., Micó R., Voltas J., Amengual P., Gelabert L. & Lull V. (2024): Crop cultivation in the Talayotic settlement of Son Fornés (Mallorca, Spain): agricultural practices on the western Mediterranean islands in the first millennium. *Vegetation History and Archaeobotany* 33(1), 91-101. DOI: 10.1007/s00334-023-00957-7

Thew N., Kälín D., Cuenca-Bescós G., Buechi M. W., Penkman K., Scheidt S., **Knipping M.**, Maier F., Urresti I. & Deplazes G. (2024): The Hasli Formation of the Irchel Plateau – A key record for older Early Pleistocene interglacial sediments in northern Switzerland. *Quaternary Science Reviews* 332, Art.no. 108550 DOI: 10.1016/j.quascirev.2024.108550

190b:

Bohman B., **Bersch A. J.**, Flematti G. R. & **Schlüter P. M.** (2024): Practical preparation of unsaturated very-long-chain fatty acids (VLCFAs) and very-long-chain alkene pollinator attractants. *Scientific Reports* 14, Art. no. 19694. DOI: /10.1038/s41598-024-70598-x

Binmöller L., Volkert C., Kiefer C., Zühl L., Slawinska M.W., Loreth A., Nauerth B.H., Ibberson D., Martinez R., Mandakova T.M., **Zipper R.** & **Schmidt A.** (2024): Differential expression and evolutionary diversification of RNA helicases in *Boechera* sexual and apomictic reproduction. *Journal of Experimental Botany* 75(8):2451-2469. DOI: 10.1093/jxb/erae026

Goedderz S., Clements M. A., Bent S. J., Nicholls J. A., Patel V. S., Crayn D. M., **Schlüter P. M.** & Nargar K. (2024): Plastid phylogenomics reveals evolutionary relationships in the mycoheterotrophic orchid genus *Dipodium* and provides insights into plastid gene degeneration. *Frontiers in Plant Science* 15, Art. no. 1388537. DOI: 10.3389/fpls.2024.1388537

Russo A., **Alessandrini M.**, El Baidouri M. Frei D., Galise T. R., **Gaidusch L.**, **Oertel H.**, **Garcia Morales S.**, Potente G., Tian Q., Smetanin D., Bertrand J. A. M., Onstein R. E., Panaud O., Frey J. E., Cozzolino S., Wicker T., Xu S., Grossniklaus U. & **Schlüter P.** (2024): The genome of the early spider-orchid *Ophrys sphegodes* provides insights into sexual deception and pollinator adaptation. *Nature Communications* 15, Art. no. 6308. DOI: 10.1038/s41467-024-50622-4

Sammelwerke / Monographien / Lehrbücher 2024

190a:

- Schirmmayer J., Feeser I., Filipović D., **Stika H.-P.**, Oelbüttel M. & Kirleis W. (2024): Cereal Agriculture in Prehistoric North-Central Europe and South-East Iberia: Changes and Continuities as Potential Adaptations to Climate. In: Müller J., Kirleis W. & Taylor N. (eds.): Perspectives on Socio-environmental Transformations in Ancient Europe. Quantitative Archaeology and Archaeological Modelling, Springer Verlag, 143-174.
<https://link.springer.com/book/10.1007/978-3-031-53314-3>
- Stika H.-P.** & Heiss A. G. (2024): Archäobotanische Ergebnisse der Grabungskampagnen 1991 und 1996 in Fuente Àlamo. In (Schuhmacher T. X. ed.): Fuente Àlamo - Arqueozoología, arqueobotánica y artefactos macrolíticos. Madrider Beiträge 42, DAI Abt. Madrid, Harrassowitz Verlag, Wiesbaden, p. 363-396 (Kap. VIII).

2023

Zeitschriften-Aufsätze, Artikel begutachtet 2023

190a:

- Eckert S., Eilers E. J., Jakobs R., Anaia R.A., **Aragam K.S.**, Bloss T., Popp M., Sasidharan R., Schnitzler J.-P., Stein F., **Steppuhn A.**, Unsicker S. B., van Dam N. M., Yepes S. & Ziaja D., Müller, C. (2023): Inter-laboratory comparison of plant volatile analyses in the light of intra-specific chemodiversity. *Metabolomics* 19(7), Art. no. 62.
DOI: 10.1007/s11306-023-02026-6
- Gegg L., Anselmetti F. S., Deplazes G., **Knipping M.**, Madritsch H., Mueller D., Preusser F., Vogel H. & Buechi M. W. (2023): Rinikerfeld Palaeolake (Northern Switzerland) – a sedimentary archive of landscape and climate change during the penultimate glacial cycle. *Journal of Quaternary Science* 38(2), 174-185.
DOI: <https://doi.org/10.1002/jqs.3471>
- Huang J.-G., Zhang Y., Wang M., Yu X., Deslauriers A., Fonti P., Liang E., Mäkinen H., Oberhuber W., Rathgeber C. B. K., Tognetti R., Trembl V., Yang B., Zhai L., Zhang J.-L., Antonucci S., Bergeron Y., Camarero J. J., Campelo F., Čufar K., Cuny H. E., De Luis M., Fajstavr M., Giovannelli A., Gričar J., Gruber A., Gryc V., **Güney A.**, Jyske T., Kašpar J., King G., Krause C., Lemay A., Liu F., Lombardi F., Del Castillo E. M., Morin H., Nabais C., Nöjd P., Peters R. L., Prislán P., Saracino A., Shishov V. V., Swidrak I., Vavrčik H., Vieira J., Zeng Q., Liu Y., Rossi S. (2023): A critical thermal transition driving spring phenology of Northern Hemisphere conifers. *Global Change Biology* 29(6), 1606-1617. DOI: 10.1111/gcb.16543
- Kluge T., Holz P., Neumann T., Eiche E., Schuh M., Frank N., Friedrich R., **Land A.**, Trieloff M. & Schmitt A. K. (2023): Assessment of climate extremes at the regional scale during the last millennium using an annually resolved stalagmite record. *Earth Planet. Sci. Lett.* 624, 118458
- Koutsodendris A., Dakos V., Fletcher W., **Knipping M.**, Kotthoff U., Milner A. M., Müller U. C., Kaboth-Bahr S., Kern O. A., Kolb L., Vakhrameeva P., Wulf S., Christianis K., Schmiedl G., & Pross J. (2023): Atmospheric CO₂ forcing on Mediterranean biomes during the past 500 kyrs. *Nature Communications* 14(1), Art. no. 1664.
DOI: 10.1038/s41467-023-37388-x
- May S. M., Brückner H., Norpoth M., Pint A., Wolf D., Brill D., Martín C. L., **Stika H.-P.**, Padilla J. S., Moret P. & Marzoli D. (2023): Holocene coastal evolution and environmental changes in the lower Río Guadiaro valley, with particular focus on the Bronze to Iron Age harbour 'Montilla' of Los Castillejos de Alcorrín (Málaga, Andalusia, Spain). *Geoarchaeology* 38, 129-155. DOI: 10.1002/gea.21943
- Reinig F., Wacker L., Jöris O., Oppenheimer C., Guidobaldi G., Nievergelt D., Adolphi F., Cherubini P., Engels S., Esper J., Keppler F., **Land A.**, Lane C., Pfanz H., **Remmele S.**, Sigl M., Sookdeo A. & Büntgen U. (2023): Reply to: Possible magmatic CO₂ influence on the Laacher See eruption date. *Nature* 619, E3–E8.
DOI: 10.1038/s41586-023-05966-0

Wang B., Horna V., Heckmann M., Anggi Hapsari K. **Zimmermann R.** & Behling H. (2023): Holocene environmental changes inferred from an oxbow lake in a *Mauritia* palm swamp (*aguajal*) in the Madre de Dios region, south-eastern Peru. *Rev Palaeobot Palynol* 312, Art. no. 104863. DOI: 10.1016/j.revpalbo.2023.104863

190b:

Brownfield L. R., Figueiredo D. D., Borg M. & **Schmidt A.** (2023): Editorial: Plant development and reproduction at single cell and cell type-specific resolution. *Frontiers in Plant Science* 14, Art. no. 1261685, DOI: 10.3389/fpls.2023.1261685

Haas-Renninger M., **Schwabe N. L. A.**, Moser M., Krogmann L. (2023): Black gold rush - Evaluating the efficiency of the Fractionator in separating Hymenoptera families in a meadow ecosystem over a two week period. *Biodiversity Data Journal* 11: e107051. DOI: 10.3897/BDJ.11.e107051

Pollmann M., Kuhn D., König C., Homolka I., Paschke S., Reinisch R., **Schmidt A.**, **Schwabe N.**, Weber J., Gottlieb Y. & Steidle J. L. M. (2023): New species based on the biological species concept within the complex of *Lariophagus distinguendus* (Hymenoptera, Chalcidoidea, Pteromalidae), a parasitoid of household pests. *Ecology and Evolution* 13: e10524. DOI: 10.1002/ece3.10524.

Van der Niet T., Egan P. A. & **Schlüter P. M.** (2023): Evolutionarily inspired solutions to the crop pollination crisis. *Trends in Ecology & Evolution (TREE)*, 11p. DOI: 10.1016/j.tree.2022.12.010

Sammelwerke / Monographien / Lehrbücher 2023

Srojakowits P. & **Knipping M.** (2023): Quartäre Vegetationsentwicklung im Spiegel der Pollenarchive und Makrorestanalyse. In: Uthmeier T & Mischka D. (Hrsg.): *Steinzeit in Bayern - Das Handbuch in 2 Bänden*. Theiss, 978-3-8062-4449-6, S. 148-167

Aufsätze, Artikel ohne Peer-Review 2023

190a:

Lauf J. & **Zimmermann R.** (2023): North Africa and the European Union: An option for technically controllable and politically reliable solar electricity supply? NATO Energy Security Centre of Excellence, Vilnius, Lithuania, 30p. <https://ensecce.org/data/public/uploads/2023/01/morocco-europe-20230104-for-online.pdf>

Stika H.-P. & Jurich B. (2023): Restos vegetales de la excavación de 1991 de El Argar. Capítulo 8 en: *El Argar 1991* (Schubart H. & Marzoli D., contrib.: Liesau C., Bachmann H.-G., Pozo Marín R., Stika H.-P. & Jurich B.): *MARQ. Arqueología y Museos* 13, Año 2022, p. 85-92 <https://www.marqalicante.com/Publicaciones/es/MARQ-ARQUEOLOGIA-Y-MUSEOS-13-P175.html>

190b:

Duque-Thüs R. V., Dalitz H., **Schlüter P. M.** & Eggli-Yáñez M. B. (2023): Bridging herbaria cultural heritage and digital art – Immaterial herbaria. *Bauhinia* 29, 117-118. DOI: 10.12685/bauhinia.1361

2022

Zeitschriften-Aufsätze, Artikel begutachtet 2022

190a:

Dorado-Liñán I., Ayarzagüena B., Babst F., Xu G., Gil L., Battipaglia G., Buras A., Čada V., Camarero J. J., Cavin L., Claessens H., Drobyshev I., Garamszegi B., Grabner M., Hacket-Pain A., Hartl C., Hevia A., Janda P., Jump A. S., Kazimirovic M., Keren S., Kreyling J., **Land A.**, Latte N., Levanič T., van der Maaten E., van der Maaten-Theunissen M., Martínez-Sancho E., Menzel A., Mikoláš M., Motta R., Muffler L., Nola P., Panayotov M., Petritan A. M., Petritan I. C., Popa I., Prislán P., Roibu C.-C., Rydval M., Sánchez-Salguero R., Scharnweber T., Stajić B.,

Svoboda M., Tegel W., Teodosiu M., Toromani E., Trotsiuk V., Turcu D.-O., Weigel R., Wilmking M., Zang C., Zlatanov T. & Trouet V. (2022): Jet stream position explains regional anomalies in European beech forest productivity and tree growth. *Nat. Commun.* 13(1), Art. no. 2015. DOI: 10.1038/s41467-022-29615-8

Lembrechts J. J., van den Hoogen J., Aalto J., Ashcroft M. B., De Frenne P., Kemppinen J., Kopecký M., Luoto M., Maclean I. M. D., Crowther T. W., Bailey J. J., Haesen S., Klimes D. H., Niittynen P., Scheffers B. R., Van Meerbeek K., Aartsma P., Abdalaze O., ..., **Niessner A.**, Nilsson M. B., Normand S., Noretto M. D., ..., **Remmele S.**, Remmers W., Renault D., Risch A. C., ..., **Zimmermann R.**, Zong S., Zyryanov V. I., Nijs I. & Lenoir J. [well over 200 authors] (2022): Global maps of soil temperature. *Global Change Biology* 29. DOI: 10.1111/gcb.16060

Salomón R. L., Peters R. L., Zweifel R., Sass-Klaassen U. G. W., Stegehuis A. I., Smiljanic M., Poyatos R., Babst F., Cienciala E., Fonti P., ..., **Ehkircher S.**, Forner A., Frouz J., Ganthaler A., Gryc V., Güney A., Heinrich I., ..., Zin E., Zou J. & Steppe K. [82 authors] (2022): The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests. *Nature Communications* 13(1):28. DOI: 10.1038/s41467-021-27579-9.

Wang B., Hapsari K. A., Horna V., **Zimmermann R.** & Behling H. (2022): Late Holocene peatland palm swamp (*aguajal*) development, carbon deposition and environment changes in the Madre de Dios region, southeastern Peru. *Palaeogeogr. Palaeoclimatol. Palaeoecol* 594, 110955. DOI: 10.1016/j.palaeo.2022.110955

190b:

Nowicki M., Guerry D. H., Trigiano R. N., **Runge F.**, Thines M., Boggess S. L., Ristaino J. B. & **Spring O.** (2022): Microsatellite markers from *Peronospora tabacina*, the cause of blue mold of tobacco, reveal species origin, population structure, and high gene flow. *Phytopathology* 112, 422-434 DOI: 10.1094/PHYTO-03-21-0092-R

Russo A., Mayjonade B., Frei D., Potente G., Kellenberger R. T., Frachon L., Copetti D., Studer B., Frey J. E., Grossniklaus U. & **Schlüter P. M.** (2022): Low-Input High-Molecular-Weight DNA Extraction for Long-Read Sequencing From Plants of Diverse Families. *Front. Plant Sci.* 13, Art. no. 883897. DOI: 10.3389/fpls.2022.883897

Sammelwerke / Monographien / Lehrbücher 2022

190a:

Jahns S. & **Knipping M.** (2022): Pollenanalytische Untersuchungen am kaiserzeitlichen, mittelalterlichen und neuzeitlichen Sedimenten aus Brunnen und Wasserstellen des Dorfes Horno in der Niederlausitz. Brandenburg. In: Jahns S., Hanik S., Schopper F. (Hrsg.): Untersuchungen zu Lebensbedingungen, Siedlungsdynamik und menschlicher Ernährungsweise in mittelalterlichen ländlichen Siedlungen in Brandenburg (Forschungen zur Archäologie im Land Brandenburg 23), S. 241-252

Land A. & Dreyer B. (2022): Die römischen Feldzüge in Germanien und das Klima. Eine Fallstudie für die Jahre 15 und 16 n. Chr. In: Boris Dreyer (Hrsg.): Die Fridericiana Alexandrina Navis (F.A.N.). Ein Römerboot auf dem Prüfstand – Bau und Test für Wissenschaft und Öffentlichkeit. wbg Academic, Darmstadt, Kap. 4, S. 515-530

Stika H.-P. (2022): Archäobotanische Untersuchungen zu Landwirtschaft und Ernährung im mittelalterlichen Dorf Diepensee. In: Jahns S., Hanik S., Schopper F. (Hrsg.): Untersuchungen zu Lebensbedingungen, Siedlungsdynamik und menschlicher Ernährungsweise in mittelalterlichen ländlichen Siedlungen in Brandenburg (Forschungen zur Archäologie im Land Brandenburg 23), S. 85-96

Stika H.-P. (2022): Archäobotanische Untersuchungen zu den mittelalterlichen Dörfern Horno und Klein Görigk in der Niederlausitz. In: Jahns S., Hanik S., Schopper F. (Hrsg.): Untersuchungen zu Lebensbedingungen, Siedlungsdynamik und menschlicher Ernährungsweise in mittelalterlichen ländlichen Siedlungen in Brandenburg (Forschungen zur Archäologie im Land Brandenburg 23), S. 209-220

Aufsätze, Artikel ohne Peer-Review 2022

190a:

- Kaltenecker F., Dalitz H., Gliniars R., Niessner A. & **Zimmermann R.** (2022): Neue Bäume für die Stadt: Klimatoleranz ausgewählter Baumarten. AFZ Der Wald 8/2022, S. 12-15
- Land A. (2022): Klimarekonstruktion mittels Jahrringen anhand eines markanten, holozänen Klimaereignisses. Jb. Nassauischer Ver. Naturkde. 143, S. 131-146
- Schmidt M., Horna V., Paligi S., Schuldt B., **Zimmermann R.** & Aas G. (2022): Trockentoleranz alternativer Baumarten auf Versuchsflächen. LWF aktuell 135 / Juli 2022 (Hrsg. Bayerische Landesanstalt für Wald und Forstwirtschaft), S. 4-7. https://www.lwf.bayern.de/mam/cms04/boden-klima/dateien/a135_s4-7_schmidt.pdf

190b:

- Binmöller L., Volkert C., Kiefer C., Zühl L., Slawinska M. W., Loreth A., Nauerth B. H., Ibberson D., Martinez R., **Zipper R.**, Kohnle M., **Schmidt A.** (2022): Differential expression analysis of sexual and apomictic *Boechnera* uncovers *FAS4* as crucial for gametogenesis. bioRxiv 2022.10.05.510110, 43p. DOI: 10.1101/2022.10.05.510110

2021

Zeitschriften-Aufsätze, Artikel begutachtet 2021

190a:

- Pokharel P., **Steppuhn A.**, Petschenka G. (2021): Dietary cardenolides enhance growth and change the direction of the fecundity-longevity trade-off in milkweed bugs (Heteroptera: Lygaeinae). Ecology and Evolution 11(24), 18042-18054. DOI: 10.1002/ece3.8402
- Reinig F., Wacker L., Jöris O., Oppenheimer C., Guidobaldi G., Nievergelt D., Adolphi F., Cherubini P., Engels S., Esper J., **Land A.**, Lane C., Pfanz H., **Remmele S.**, Sigl M., Sookdeo A., & Büntgen U. (2020): Precise date for the Laacher See eruption synchronizes the Younger Dryas. Nature 595, 66-69. DOI: 10.1038/s41586-021-03608-x
- Valamoti S. M., Petridou C., **Berihuete-Azorín M.**, **Stika H.-P.**, Papadopoulou L. & Mimi I. (2021): Deciphering ancient 'recipes' from charred cereal fragments: An integrated methodological approach using experimental, ethnographic and archaeological evidence. Journal of Archaeological Science 128, Art. no. 105347. DOI: 10.1016/j.jas.2021.105347

190b:

- Amrehn E. & **Spring O.** (2021): Ultrastructural Alterations in Cells of Sunflower Linear Glandular Trichomes during Maturation. Plants 10(8), 1515. DOI: 10.3390/plants10081515
- Apel L.**, Lorenz P., Urban S., Sauer S., **Spring O.**, Stintzing F. C. & Kammerer D. R. (2021): Phytochemical characterization of different yarrow species (*Achillea* sp.) and investigations into their antimicrobial activity. Zeitschrift für Naturforschung - Section C Journal of Biosciences 76(1-2), 55–65. DOI: 10.1515/znc-2020-0149
- Barberis M., Bogo G., Bortolotti L., Conte L., **Alessandrini M.**, Nepi M. & Galloni M. (2021): Gender-biased nectar targets different behavioural traits of flower visitors. Plant Ecol 222, 233–246. DOI: 10.1007/s11258-020-01101-5)
- Krupp A.**, **Bertsch B.** & **Spring O.** (2021): Costunolide Influences Germ Tube Orientation in Sunflower Broomrape - A First Step Toward Understanding Chemotropism. Frontiers in Plant Science 12:699068. DOI: 10.3389/fpls.2021.699068
- Nowicki M., Hadziabdic D., Trigiano R. N., Boggess S. L., Kanetis L., Wadl P. A., Ojiambo P. S., Cubeta M. A., **Spring O.**, Thines M., Runge F. & Scheffler B. E. (2021): "Jumping Jack": Genomic Microsatellites Underscore the Distinctiveness of Closely Related *Pseudoperonospora cubensis* and *Pseudoperonospora humuli* and Provide

New Insights Into Their Evolutionary Past. *Frontiers in Microbiology* 12:686759.
DOI: 10.3389/fmicb.2021.686759

O'Brien M. J., Carbonell E. P., Losapio G., **Schlüter P. M.** & Schöb C. (2021): Foundation species promote local adaptation and fine-scale distribution of herbaceous plants. *Journal of Ecology* 109(1), 191-203.
DOI: 10.1111/1365-2745.13461

Salomon L., Lorenz P., Bunse M., **Spring O.**, Stintzing F.C., Kammerer D.R. (2021): Comparison of the Phenolic Compound Profile and Antioxidant Potential of *Achillea atrata* L. and *Achillea millefolium* L.. *Molecules* 26(6):1530.
DOI: 10.3390/molecules26061530

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