

Associate Professor Dr Leyla Jean Seyfullah
Department of Palaeontology



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University of Vienna career to date

I am a tenured Associate Professor in Palaeobotany (since October 2024) having joined the University in October 2018 as a tenure track Assistant-Professor. I was awarded my Habilitation in Geobiology from the University of Vienna in 2020.

Research interests

I am interested in plant and ecosystem evolution. I am fascinated by plant diversity and structure, from anatomy to gross morphology. Understanding the interaction between the biosphere and the geosphere is key in deep time. I am particularly interested in the origination, diversity and structures of plant defences and exudates like gum, mucilage and resin and how these may become fossilised (amber in particular is one of my specialities). I am curious as to what they can tell us about past ecosystems and potentially the effects of a warming climate on today's plants.

People in my group

2026 Intern Georg Kröswagn (amber)

2025 OeAD funded visiting fellow Agbulut Bora (Jurassic palynology)

2025 Masters students for the FWF funded NORAMBER project: Konstantinos Kotsabas, Isolde Berger (co-supervisor Katharina Halbwidl)

PhD student 2024-2027: Katharina Halbwidl (FWF funded NORAMBER project)

Masters student 2024: Pia Balaka

Post-doc group member 2022-2024: Dr Mario Coiro (FWF funded CoPI project)

Masters students 2023: Sebastian Ley (Terpene synthesis), Daniel Neiva (experimental taphonomy), Eric Neumueller (anatomy of secretory structures), students co-supervisor Dr Mario Coiro

Masters student 2022: Katharina Halbwidl Masters student (Dominican amber)

PhD student 2019 and group member working on plant exudates: Emily A. Roberts (co-supervised PhD with University of Portsmouth)

Projects

NORAMBER

Seyfullah, L. J. (Project Lead)

1/08/24 → 31/07/27

The birth of the modern world: understanding the evolutionary

Coiro, M. (Project Lead) & Seyfullah, L. J. (Co-Lead)

1/10/21 → 30/09/23

Activities

Diversity of araucariacean pollen from the Lower Cretaceous Araripe Basin, SE Brazil based on micromorphology of the *ektexine* using SEM

Seyfullah, L. J. (Contributor) & Hofmann, C. (Contributor)

31 Aug 2025 → 5 Sept 2025

More diverse and abundant than assumed. Eucommiidites pollen preserved in deltaic sediments of the Araripe BASin (NE Brazil)

Seyfullah, L. J. (Contributor) & Hofmann, C. (Contributor)

31 Aug 2025 → 5 Sept 2025

Royal Tyrrell Museum of Palaeontology

Seyfullah, L. J. (Visiting researcher) & Halbwidl, K. (Visiting researcher)

7 Jul 2025 → 8 Jul 2025

Dinosaur Provincial Park

Seyfullah, L. J. (Visiting researcher), Nagel, D. (Visiting researcher) & Halbwidl, K. (Visiting researcher)

29 Jun 2025 → 6 Jul 2025

Yale University

Seyfullah, L. J. (Visiting researcher) & Halbwidl, K. (Visiting researcher)

9 Jun 2025 → 11 Jun 2025

New York Botanical Garden

Seyfullah, L. J. (Visiting researcher) & Halbwidl, K. (Visiting researcher)

6 Jun 2025

American Museum of Natural History

Seyfullah, L. J. (Visiting researcher) & Halbwidl, K. (Visiting researcher)

2 Jun 2025 → 8 Jun 2025

Planet Earth Day 2025

Seyfullah, L. J. (Participant)

27 Apr 2025

Töchertag 2025

Seyfullah, L. J. (Speaker)

24 Apr 2025

Stift Seitenstetten

Seyfullah, L. J. (Visiting researcher) & Hofmann, C. (Visiting researcher)

2 Apr 2025 → 4 Apr 2025

Kinder Uni Wien 2024

Seyfullah, L. J. (Participant)

8 Jul 2024

Why is the Cretaceous rich in amber, but not the Jurassic?

Seyfullah, L. J. (Speaker)

27 May 2024 → 31 May 2024

Töchertag 2024 Amber studies

Seyfullah, L. J. (Speaker)

25 Apr 2024

Museo Paleontológico EgidioFeruglio

Coiro, M. (Visiting researcher) & Seyfullah, L. J. (Visiting researcher)

21 Jan 2024 → 10 Feb 2024

Kinder Uni Wien 2023

Seyfullah, L. J. (Participant)
10 Jul 2023

Stuck in time - the world inside amber

Seyfullah, L. J. (Speaker)
10 Jul 2023 → 21 Jul 2023

The mystery of the Eucommidites plant - a previously hidden amber source plant

Seyfullah, L. J. (Speaker)
22 May 2023 → 26 May 2023

Natural History Museum London

Seyfullah, L. J. (Visiting researcher) & Coiro, M. (Visiting researcher)
17 Apr 2023 → 29 Apr 2023

Swedish Museum of Natural History

Seyfullah, L. J. (Visiting researcher)
28 Nov 2022 → 3 Dec 2022

Experimental induction of resins as a tool to understand variability in ambers

Seyfullah, L. J. (Speaker)
19 Jun 2022 → 22 Jun 2022

SEM re-investigation of angiosperm pollen from the Lower Cretaceous Cascata section of the Araripe basin (NE Brazil)

Seyfullah, L. J. (Speaker)
19 Jun 2022 → 22 Jun 2022

The rediscovery of Early Eocene amber from Belgium

Seyfullah, L. J. (Speaker)
19 Jun 2022 → 23 Jun 2022

Amber as a source of fossil fungi

Seyfullah, L. J. (Speaker)
1 Jun 2022

Pint of Science- tales from the 50 million year old amber forest

Seyfullah, L. J. (Speaker) & Nagel, D. (Speaker)
11 May 2022

Royal Belgian Institute of Natural Sciences

Seyfullah, L. J. (Visiting researcher)
8 Dec 2019 → 13 Dec 2019

Amber observations and modern resin experiments

Seyfullah, L. J. (Keynote speaker)
26 Oct 2019

Investigating the diversity of amber source plants from the Early Cretaceous Crato Formation, Brazil.

Seyfullah, L. J. (Speaker)
23 Oct 2019

Amber: Stuck in time? Current and future horizons

Seyfullah, L. J. (Speaker)
5 Jun 2019

Experimenting with resins.

Seyfullah, L. J. (Speaker)
9 Apr 2019

Ambers: past, present and future

Seyfullah, L. J. (Invited speaker)
7 Dec 2018

10th European Palaeobotany and Palynology Conference

Seyfullah, L. J. (Organiser), Dal Corso, J. (Organiser) & Roghi, G. (Organiser)
15 Aug 2018

Amber and the araucarian forests of New Zealand

Seyfullah, L. J. (Speaker)
15 Aug 2018

A world full of amber

Seyfullah, L. J. (Keynote speaker)
13 Aug 2018

Ambers and resins: past and future

Seyfullah, L. J. (Keynote speaker)
9 Aug 2018

Does amber have potential for palaeoclimate reconstruction?

Seyfullah, L. J. (Speaker)
25 Nov 2017

Preserved in amber? Attempting palaeoclimate reconstruction.

Seyfullah, L. J. (Speaker)
8 Nov 2017

Marine microorganisms as amber inclusions: actuo-palaeontological data from the littoral forests of New Caledonia

Schmidt, A. R. (Contributor), Grabow, D. (Contributor), Beimforde, C. (Contributor), Perrichot, V. (Contributor), Rikkinen, J. (Contributor), Saint Martin, S. (Contributor), Thiel, V. (Contributor) & Seyfullah, L. J. (Contributor)
Nov 2017

Palaeontology (Journal)

Seyfullah, L. J. (Editor)
2017 → 2020

Looking up in the 'Baltic amber forest': the presence and implications of Eocene dwarf mistletoes (*Arceuthobium*). Linnean Society Palaeobotany specialist group meeting.

Seyfullah, L. J. (Speaker)
23 Nov 2016

The amber world

Seyfullah, L. J. (Invited speaker)
12 Mar 2016

American Museum of Natural History

Seyfullah, L. J. (Visiting researcher)

2 Jun 2002 → 8 Jun 2025

Publications

Permineralised *Torreya* (Taxaceae) leaves from the Upper Cretaceous of Southern Alberta, Canada

Halbwidl, K., Seyfullah, L. J. & West, C. K., Aug 2026, In: *Cretaceous Research*. 184, 106339.

More diverse and abundant than assumed: *Eucommiidites* pollen preserved in a deltaic setting (Lower Cretaceous) of the Araripe Basin (NE Brazil)

Hofmann, C.-C., Heimhofer, U., Roberts, E. A. & Seyfullah, L. J., Feb 2026, In: *Cretaceous Research*. 179, 106210.

Diversity of araucariacean pollen from the Lower Cretaceous Rio da Batateira and lower Crato formations (Araripe basin, SE Brazil), based on micromorphology of the *ektexine* using SEM

Hofmann, C.-C., Coiro, M., Heimhofer, U., Roberts, E. A. & Seyfullah, L. J., 16 Oct 2025, (E-pub ahead of print) In: *Cretaceous Research*. 178, 106260.

Grünbach-Flora und die Ökosysteme der Insel

Giritzer, D., Hofmann, C. & Seyfullah, L. J., Oct 2025, *Die vegessene Dinoinsel: Kreidezeitliche Ökosysteme der Neuen Welt (NÖ)*. 1 ed. Neunkirchen: Schriftenreihe des Städtischen Museums Neunkirchen, Vol. 5. p. 10-24 14 p.

Disparity of cycad leaves dispels the living fossil metaphor

Coiro, M. (Corresponding author) & Seyfullah, L. J., Dec 2024, In: *Communications Biology*. 7, 1, p. 328 328.

Detection of in situ resinous traces in Jurassic conifers from floras lacking amber

Seyfullah, L. J. (Corresponding author), Coiro, M., Vадja, V., McLoughlin, S. & Steinhorsdottir, M., 18 Nov 2024, In: *Fossil Imprint*. 80, 1, p. 68-76 9 p.

Chemical and palaeontomological evidence of a relationship between early Eocene Belgian and Oise (France) ambers

Seyfullah, L. J. (Corresponding author), Szwedo, J., Schmidt, A. R. & Prestianni, C., Jun 2024, In: *Scientific Reports*. 14, 1, 13705.

Parallel evolution of angiosperm-like venation in *Peltaspermales*: a reinvestigation of *Furcula*

Coiro, M. (Corresponding author), McLoughlin, S., Steinhorsdottir, M., Vадja, V., Fabricant, D. & Seyfullah, L. J. (Corresponding author), Jun 2024, In: *New Phytologist*. 242, 6, p. 2845-2856 12 p.

Reconciling fossils with phylogenies reveals the origin and macroevolutionary processes explaining the global cycad biodiversity

Coiro, M. (Corresponding author), Allio, R., Mazet, N., Seyfullah, L. J. & Condamine, F. L., Nov 2023, In: *New Phytologist*. 240, 4, p. 1616-1635 20 p.

State of the World's Plants and Fungi, 2023.

Antonelli, A., Fry, C., Smith, R. J., Eden, J., Govaerts, R. H. A., Kersey, P., Nic Lughadha, E., Onstein, R. E., Simmonds, M. S. J., Zizka, A., Ackerman, J. D., Adams, V. M., Ainsworth, A. M., Albouy, C., Allen, A. P., Allen, S. P., Allio, R., Auld, T. D., Bachman, S. P. & Baker, W. J. & 166 others, Barrett, R. L., Beaulieu, J. M., Bellot, S., Black, N., Boehnisch, G., Bogarín, D., Boyko, J. D., Brown, M. J. M., Budden, A., Bureš, P., Butt, N., Cabral, A., Cai, L., Aguilar-Cano, J., Chang, Y., Charitonidou, M., Chau, J. H., Cheek, M., Chomicki, G., Coiro, M., Colli-Silva, M., Condamine, F. L., Crayn, D. M., Cribb, P., Cuervo-Robayo, A. P., Dahlberg, A., Deklerck, V., Denelle, P., Dhanjal-Adams, K. L., Druzhinina, I., Eiserhardt, W. L., Elliott, T. L., Enquist, B. J., Escudero, M., Espinosa-Ruiz, S., Fay, M. F., Fernández, M., Flanagan, N. S., Forest, F., Fowler, R. M., Freiberg, M., Gallagher, R. V., Gaya, E., Gehrke, B., Gelwick, K., Grace, O. M., Granados Mendoza, C., Grenié, M., Groom, Q. J., Hackel, J., Hagen, E. R., Hágsater, E., Halley, J. M., Hu, A.-Q., Jaramillo, C., Kattge, J., Keith, D. A., Kirk, P., Kissling, W. D., Knapp, S., Kreft, H., Kuhnhäuser, B. G., Larridon, I., Leão, T. C. C., Leitch, I. J., Liimatainen, K., Lim, J. Y., Lucas, E., Lücking, R., Luján, M., Luo, W., Magallón, S., Maitner, B., Márquez-Corro, J. I., Martín-Bravo, S., Martins-Cunha, K., Mashau, A. C., Mauad, A. V., Maurin, O., Medina Lemos, R., Merow, C., Michelangeli, F. A., Mifsud, J. C. O., Mikryukov, V., Moat, J., Monro, A. K., Muasya, A. M., Mueller, G. M., Muellner-Riehl, A. N., Nargar, K., Negrão, R., Nicolson, N., Niskanen, T., Oliveira Andriano, C., Olmstead, R. G., Ondo, I., Oses, L., Parra-Sánchez, E., Paton, A. J., Pellicer, J., Pellissier, L., Pennington, T. D., Pérez-Escobar, O. A., Phillips, C., Pironon, S.,

Possingham, H., Prance, G., Przelomska, N. A. S., Ramírez-Barahona, S. A., Renner, S. S., Rincon, M., Rivers, M. C., Rojas Andrés, B. M., Romero-Soler, K. J., Roque, N., Rzedowski, J., Sanmartín, I., Santamaría-Aguilar, D., Schellenberger Costa, D., Serpell, E., Seyfullah, L. J., Shah, T., Shen, X., Silvestro, D., Simpson, D. A., Šmarda, P., Šmerda, J., Smidt, E., Smith, S. A., Solano-Gomez, R., Sothers, C., Soto Gomez, M., Spalink, D., Sperotto, P., Sun, M., Suz, L. M., Svenning, J.-C., Taylor, A., Tedersoo, L., Tietje, M., Trekels, M., Tremblay, R. L., Turner, R., Vasconcelos, T., Veselý, P., Villanueva, B. S., Villaverde, T., Vorontsova, M. S., Walker, B. E., Wang, Z., Watson, M., Weigelt, P., Wenk, E. H., Westrip, J. R. S., Wilkinson, T., Willett, S. D., Wilson, K. L., Winter, M., Wirth, C., Wölke, F. J. R., Wright, I. J., Zedek, F., Zhigila, D. A., Zimmermann, N. E., Zuluaga, A. & Zuntini, A. R., 10 Oct 2023, Kew: Royal Botanic Gardens, Kew, 90 p.

In situ pollen diversity in the relict conifer *Wollemia nobilis*

Seyfullah, L. J., Coiro, M. & Hofmann, C. C., Feb 2023, In: Review of Palaeobotany and Palynology. 309, 104816.

Cutting the long branches: Consilience as a path to unearth the evolutionary history of Gnetales

Coiro, M., Roberts, E. A., Hofmann, C.-C. & Seyfullah, L. J., 14 Dec 2022, In: Frontiers in Ecology and Evolution. 10, 15 p., 1082639.

An Exceptionally Preserved Terrestrial Record of LIP Effects on Plants in the Carnian (Upper Triassic) Amber-Bearing Section of the Dolomites, Italy

Roghi, G., Gianolla, P., Kustatscher, E., Schmidt, A. R. & Seyfullah, L. J., 11 Jul 2022, In: Frontiers in Earth Science. 10, 900586.

Fossil evidence of lichen grazing from Palaeogene amber

Seyfullah, L. J., Jul 2022, In: Review of Palaeobotany and Palynology. 302, 10 p., 104664.

Uncovering the natural variability of araucariacean exudates from ex situ and in situ tree populations in New Caledonia using FTIR spectroscopy

Seyfullah, L. J., 25 May 2022, In: PeerJ Analytical Chemistry. 4, 25 p., e17.

Diversity of the dispersed Gnetalean pollen record from the Lower Cretaceous Crato Formation, Brazil: entomophily, harmomegathy and habitat heterogeneity

Hofmann, C.-C. (Corresponding author), Roberts, E. A. & Seyfullah, L. J., Jan 2022, In: Cretaceous Research. 129, 20 p., 105020.

Was the kateretid beetle *Pelretes* really a Cretaceous angiosperm pollinator?

Bao, T. (Corresponding author), Grimsson, F., Beutel, R. G., Wedmann, S., Seyfullah, L., Bao, L. & Jarzembowski, E. A., Jan 2022, In: Nature Plants. 8, 1, p. 38–40 3 p.

Palaeobotanical experiences of plant diversity in deep time. 2: How to measure and analyse past plant biodiversity

Pardoe, H. S., Cleal, C. J., Berry, C. M., Cascales-Miñana, B., Davies, B. A. S., Diez, J. B., Giesecke, T., Filipova-Marinova, M. V., Hilton, J., Ivanov, D., Kustatscher, E., Leroy, S. A. G., McElwain, J. C., Opluštil, S., Popa, M. E., Seyfullah, L. J., Stolle, E., Thomas, B., Uhl, D. & Hilton, J., 15 Oct 2021, In: Palaeogeography, Palaeoclimatology, Palaeoecology. 580, 26 p., 110618.

Experimental induction of resins as a tool to understand variability in ambers

Seyfullah, L. J. (Corresponding author), Roberts, E. A., Jardine, P. E. & Schmidt, A. R., 11 Oct 2021, In: Fossil record. 24, 2, p. 321–337 17 p.

Conservation, preparation and imaging of diverse ambers and their inclusions

Sadowski, E. M., Schmidt, A. R., Seyfullah, L. J., Solórzano-Kraemer, M. M., Neumann, C., Perrichot, V., Hamann, C., Milke, R. & Nascimbene, P. C., Sept 2021, In: Earth-Science Reviews. 220, 24 p., 103653.

Palaeobotanical experiences of plant diversity in deep time. 1: How well can we identify past plant diversity in the fossil record?

Cleal, C., Pardoe, H. S., Berry, C. M., Cascales-Miñana, B., Davis, B. A. S., Diez, J. B., Filipova-Marinova, M. V., Giesecke, T., Hilton, J., Ivanov, D., Kustatscher, E., Leroy, S. A. G., McElwain, J. C., Opluštil, S., Popa, M. E., Seyfullah, L. J., Stolle, E., Thomas, B. A. & Uhl, D., 15 Aug 2021, In: Palaeogeography, Palaeoclimatology, Palaeoecology. 576, 20 p., 110481.

Ancient noeggerathialean reveals the seed plant sister group diversified alongside the primary seed plant radiation

Wang, J. (Corresponding author), Hilton, J., Pfefferkorn, H. W., Wang, S., Zhang, Y., Bek, J., Pšenička, J., Seyfullah, L. J. & Dilcher, D. (Corresponding author), 16 Mar 2021, In: Proceedings of the National Academy of Sciences. 118, 11, p. 1-7 7 p., e2013442118.

Lower Cretaceous Crato clay samples revisited: some new results from scanning electron microscope investigations of Afropollis pollen

Hofmann, C. C. (Corresponding author) & Seyfullah, L. J., 2021, In: Grana. 60, 3, p. 161-172 12 p.

The occurrence of Pollen of Sciaadopityaceae Luer. through time.

Hofmann, C., Nyamsambu, O. & Seyfullah, L. J., 2021, In: Fossil Imprint. 77, p. 271-281

Selaginella was hyperdiverse already in the Cretaceous

Schmidt, A. R. (Corresponding author), Regalado, L., Weststrand, S., Korall, P., Sadowski, E. M., Schneider, H., Jansen, E., Bechteler, J., Krings, M., Müller, P., Wang, B., Wang, X., Rikkinen, J. & Seyfullah, L. J., Nov 2020, In: New Phytologist. 228, 4, p. 1176-1182 7 p.

Extinction and dawn of the modern world in the Carnian (Late Triassic)

Corso, J. D. (Corresponding author), Bernardi, M., Sun, Y., Song, H., Seyfullah, L. J., Preto, N., Gianolla, P., Ruffell, A., Kustatscher, E., Roghi, G., Merico, A., Hohn, S., Schmidt, A. R., Marzoli, A., Newton, R. J., Wignall, P. B. & Benton, M. J. (Corresponding author), 16 Sept 2020, In: Science Advances. 6, 38, p. 1-12 12 p.

Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding "Fossils from conflict zones and reproducibility of fossil-based scientific data": Myanmar amber

Haug, J. T. (Corresponding author), Azar, D., Ross, A., Szwedo, J., Wang, B., Arillo, A., Baranov, V., Bechteler, J., Beutel, R., Blagoderov, V., Déclos, X., Dunlop, J., Feldberg, K., Feldmann, R., Foth, C., Fraaije, R. H. B., Gehler, A., Harms, D., Hedenäs, L. & Hyžný, M. & 35 others, Jagt, J. W. M., Jagt-Yazykova, E. A., Jarzembowski, E., Kerp, H., Khine, P. K., Kirejtshuk, A. G., Klug, C., Kopylov, D. S., Kotthoff, U., Kriwet, J., McKellar, R. C., Nel, A., Neumann, C., Nützel, A., Peñalver, E., Perrichot, V., Pint, A., Ragazzi, E., Regalado, L., Reich, M., Rikkinen, J., Sadowski, E.-M., Schmidt, A. R., Schneider, H., Schram, F. R., Schweigert, G., Selden, P., Seyfullah, L. J., Solórzano-Kraemer, M. M., Stilwell, J. D., Bakel, B. W. M., Vega, F. J., Wang, Y., Xing, L. & Haug, C. (Corresponding author), Sept 2020, In: PalZ. 94, p. 431-437 7 p.

Revealing the diversity of amber source plants from the Early Cretaceous Crato Formation, Brazil

Seyfullah, L. J., Roberts, E. A., Schmidt, A. R., Ragazzi, E., Anderson, K. B., Rodrigues do Nascimento, D., Ferreira da Silva Filho, W. & Kunzmann, L., 20 Aug 2020, In: BMC Evolutionary Biology. 20, 1, 22 p., 107.

Reinvestigating the fossil leaf Welwitschiophyllum brasiliense Dilcher et al. (2005), from the Lower Cretaceous Crato Formation of Brazil

Roberts, E. (Corresponding author), Loveridge, R. F., Weiss, J., Seyfullah, L. J. & Martill, D. M., Aug 2020, In: Cretaceous Research. 112, 10 p., 104471.

The distribution of plant fossils and their palaeoecology in Duckmantian (Bashkirian, Lower Pennsylvanian) strata at Brymbo, North Wales, UK

Thomas, B. A., Appleton, P., Cleal, C. J. & Seyfullah, L. J. (Corresponding author), Apr 2020, In: Geological Journal. 55, 4, p. 3179-3207 29 p.

Cretaceous gnetalean yields first preserved plant gum

Roberts, E. A. (Corresponding author), Seyfullah, L. J., Loveridge, R. F., Garside, P. & Martill, D. M., 25 Feb 2020, In: Scientific Reports. 10, p. 3401 1 p., 3401.

Two new ant species (Formicidae: Dorylinae, Ponerinae) from New Caledonia

Ramage, T., Jouault, C., Schmidt, A., Seyfullah, L. J. & Perrichot, V., 13 Dec 2019, In: European Journal of Taxonomy. 589, 589, p. 1-14 14 p.

A comparison of Asturian lepidodendroid lycophytes from the USA and the Euramerican Variscan Front

Thomas, B. A., Jud, N. A. & Seyfullah, L. J., Oct 2019, In: *Geobios*. 56, p. 31-48 18 p.

Caspary's fungi from Baltic amber: historic specimens and new evidence

Kettunen, E., Sadowski, E.-M., Seyfullah, L. J., Dörfelt, H., Rikkinen, J. & Schmidt, A. R., Aug 2019, In: *Papers in Palaeontology*. 5, 3, p. 365-389 25 p.

How diverse were ferns in the Baltic amber forest?

Sadowski, E. (Corresponding author), Seyfullah, L. J., Regalado, L., Skadell, L. E., Gehler, A., Gröhn, C., Hoffeins, C., Hoffeins, H. W., Neumann, C., Schneider, H. & Schmidt, A. R., Jul 2019, In: *Journal of Systematics and Evolution*. 57, 4, p. 305-328 24 p.

The Carnian Pluvial Episode and the first global appearance of amber

Seyfullah, L. J., Roghi, G., Dal Corso, J. & Schmidt, A. R., Nov 2018, In: *Journal of the Geological Society*. 175, 6, p. 1012-1018 7 p.

Marine microorganisms as amber inclusions: insights from coastal forests of New Caledonia

Schmidt, A. R., Grabow, D., Beimforde, C., Perrichot, V., Rikkinen, J., Saint Martin, S., Thiel, V. & Seyfullah, L. J., 29 Aug 2018, In: *Fossil record*. 21, 2, p. 213-221 9 p.

Production and preservation of resins - past and present

Seyfullah, L. J., Beimforde, C., Dal Corso, J., Perrichot, V., Rikkinen, J. & Schmidt, A. R., Aug 2018, In: *Biological Reviews*. 93, 3, p. 1684-1714 31 p.

Amber inclusions from New Zealand

Schmidt, A. R., Kaulfuss, U., Bannister, J. M., Baranov, V., Beimforde, C., Bleile, N., Borkent, A., Busch, A., Conran, J. G., Engel, M. S., Harvey, M., Kennedy, E. M., Kerr, P. H., Kettunen, E., Kiecksee, A. P., Lengeling, F., Lindqvist, J. K., Maraun, M., Mildenhall, D. C. & Perrichot, V. & 7 others, Rikkinen, J., Sadowski, E.-M., Seyfullah, L. J., Stebner, F., Szewo, J., Ulbrich, P. & Lee, D. E., Apr 2018, In: *Gondwana Research*. 56, p. 135-146 12 p.

First workshop on the Carnian Pluvial Episode (Late Triassic): a report.

Dal Corso, J., Benton, M. J., Bernardi, M., Mattias, F., Gianolla, P., Hohn, S., Kustatscher, E., Merico, A., Roghi, G., Ruffell, A., Ogg, J. G., Preto, N., Schmidt, A. R., Seyfullah, L. J., Simms, M. & Shi, Z., 2018, In: *Albertiana*. 44, p. 49-57

Parasitaxus parasitized: novel infestation of *Parasitaxus usta* (Podocarpaceae)

Seyfullah, L. J. (Corresponding author), Beimforde, C., Perrichot, V., Rikkinen, J. & Schmidt, A. R., Aug 2017, In: *Arthropod-Plant Interactions*. 11, 4, p. 507-514 8 p.

Resin exudation and resinicolous communities on *Araucaria humboldtensis* in New Caledonia

Beimforde, C., Seyfullah, L. J., Perrichot, V., Schmidt, K., Rikkinen, J. & Schmidt, A. R. (Corresponding author), Aug 2017, In: *Arthropod-Plant Interactions*. 11, 4, p. 495-505 11 p.

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