

PUBLICATIONS CHRISTIAN POTT

Books and book chapters

Axsmith BJ, Skog JE, **Pott C.** In press. A Triassic mystery solved: Fertile *Pekinopteris* from North Carolina, USA. In Krings M, Harper CL, Rothwell GW, Cuneo RN, eds. Transformative palaeobotany: Papers to commemorate the life and legacy of Thomas N. Taylor. New York: Elsevier, p. XX–XX.

Kustatscher E, Ash SR, Karasev E, **Pott C.**, Vajda V, Yu J, McLoughlin S. 2018. Flora of the Late Triassic. In: Tanner L, ed. The Late Triassic world – Earth in a time of transition. Topics in Geobiology, Vol. 46. New York: Springer, p. 545–622.

Pott C. In press. Die fossile Flora von Lunz am See (Niederösterreichische Alpen, Karnium). In: Hauschke N, Bachmann GH & Franz M, eds. TRIAS. Aufbruch in das Erdmittelalter. München: Friedrich Pfeil, p. XX–XX.

Pott C. 2013. Blomfossil berättar. In: Ingelöf T, ed. Skatter i vått och torrt. Biologiska samlingar i Sverige. Uppsala: ArtDatabanken SLU, p. 220–221.

Pott C. 2011. Jeder kann Vögel erkennen. Stuttgart: Eugen Ulmer, 128 pp.

Pott C. 2007. Cuticular analysis of gymnosperm foliage from the Carnian (Upper Triassic) of Lunz, Lower Austria. PhD Dissertation. Münster: FB Geowissenschaften, Westfälische Wilhelms-Universität Münster, IV+274 pp.

Pott C. 2006. Pflanzen und Tiere der Küste. Stuttgart: Eugen Ulmer, 256 pp.

Pott C. 2006. Kapitel Pinguine (Spheniscidae), Schnepfenvögel (Scolopacidae) und Papageienvögel (Psittacidae). In: Brockhaus-Redaktion, ed. Faszination Natur – Tiere: Vögel I. Mannheim: Brockhaus, p. 86–91, 230–237, 280–283, 286–295, 302–303.

Pott C. 2006. Kapitel Rabenvögel (Corvidae), Zaunkönige (Troglodytidae), Sperlinge (Passeridae) und Braunellen (Prunellidae). In: Brockhaus-Redaktion, ed. Faszination Natur – Tiere: Vögel II. Mannheim: Brockhaus, p. 136–151, 250–255, 330–337, 358–361.

Scientific papers (peer-reviewed)

Submitted

Pott C. Submitted. Was ein subfossiles Moosarchiv berichtet: Als die Emscher noch durch Auwälder floss. Archäologie in Westfalen 2017, XX–XX.

Van Konijnenburg-van Cittert JHA, **Pott C.**, Kustatscher E, Schmeissner S, Dütsch G, Van der Burgh J. Submitted. *Phialopteris heterophylla* (Sternberg ex Göppert 1836) comb. nov., a rare schizaeaceous fern from the Lower Jurassic of Bavaria. Fossil Imprint XX, XX–XX.

Van Konijnenburg-van Cittert JHA, **Pott C.**, Schmeissner S, Dütsch G, Kustatscher E. Submitted. Seed ferns and cycads in the Rhaetian flora of Wüstenwelsberg, Bavaria, Germany. Review of Palaeobotany and Palynology XX, XX–XX.

2018/In press

McLoughlin S, **Pott C.** 2018. Plant mobility in the Mesozoic: Disseminule dispersal strategies of Chinese and Australian Middle Jurassic to Early Cretaceous plants. Palaeogeography, Palaeoclimatology, Palaeoecology XX, XX–XX.

McLoughlin S, **Pott C.**, Sobbe IH. 2018. The diversity of Australian Mesozoic bennettitopsid reproductive organs. Palaeobiodiversity and Palaeoenvironments 98, 71–95.

Pott C., Bouchal JM, Choo TYS, Yousif R, Bomfleur B. 2018. Ferns and fern allies from the Carnian (Upper Triassic) of Lunz am See, Lower Austria: A melting pot of Mesozoic fern vegetation. Palaeontographica B 297, XX–XX.

2017

Coiro M, **Pott C.** 2017. *Eobownenia* gen. nov. from the Early Cretaceous of Patagonia: Evidence for an early divergence of *Bownenia*? BMC Evolutionary Biology 17, 97.

Pott C., Fischer T, Aschauer B. 2017. *Lunzia austriaca* — a bennettitalean microsporangiate structure with Cycadopites-like *in situ* pollen from the Carnian (Upper Triassic) of Lunz, Austria. Grana 56, 321–338.

Pott C, Jiang B. 2017. Plant remains from the Middle–Late Jurassic Daohugou site of the Yanliao Biota in Inner Mongolia, China. *Acta Palaeobotanica* 57, 185–222.

Pott C, Van Konijnenburg-van Cittert JHA. 2017. The type specimen of *Nilssoniopteris solitaria* (Phillips, 1829) Cleal et P.M.Rees, 2003 (Bennettiales). *Acta Palaeobotanica* 57, 177–184.

Van Konijnenburg-van Cittert JHA, Kustatscher E, **Pott C**, Dütsch G, Schmeissner S. 2017. First record of the pollen-bearing reproductive organ *Hydropterangium* from the Rhaetian of Germany (Wüstenwelsberg, Upper Franconia). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 284, 139–151.

Van Konijnenburg-van Cittert JHA, **Pott C**, Cleal C, Zijlstra G. 2017. Differentiation of the fossil leaves assigned to *Taeniopteris*, *Nilssoniopteris* and *Nilssonia* with a comparison to similar genera. *Review of Palaeobotany and Palynology* 237, 100–106.

2016

Pott C. 2016. *Westersheimia pramelreuthensis* from the Carnian (Upper Triassic) of Lunz, Austria: More evidence for a unitegmic seed coat in early Bennettiales. *International Journal of Plant Sciences* 177, 771–791.

Pott C, Schmeissner S, Dütsch G, Van Konijnenburg-van Cittert JHA. 2016. Bennettiales in the Rhaetian flora of Wüstenwelsberg, Bavaria, Germany. *Review of Palaeobotany and Palynology* 232, 98–118.

Pott C, Van der Burgh J, Van Konijnenburg-van Cittert JHA. 2016. New ginkgophytes from the Upper Triassic–Lower Cretaceous of Spitsbergen and Edgeøya (Svalbard, Arctic Norway): The history of Ginkgoales on Svalbard. *International Journal of Plant Sciences* 177, 175–197.

Van Konijnenburg-van Cittert JHA, Kustatscher E, **Pott C**, Schmeißner S, Dütsch G, Krings M. 2016. New data on *Selaginellites coburgensis* from the Rhaetian of Wüstenwelsberg (Upper Franconia, Germany). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 280, 177–181.

2015

Pott C, Axsmith BJ. 2015. *Williamsonia carolinensis* sp. nov. and associated *Eoginkgoites* foliage from the Upper Triassic Pekin Formation: Implications for early evolution in Williamsoniaceae (Bennettiales). *International Journal of Plant Sciences* 176, 174–185.

Pott C, Launis A. 2015. *Taeniopteris novomundensis* sp. nov. – “cycadophyte” foliage from the Carnian of Switzerland and Svalbard reconsidered: How to use *Taeniopteris*? *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 275, 19–31.

Pott C, Wang X, Zheng X. 2016. *Wielandiella villosa* from the Middle Jurassic of Daohugou, China: More evidence for divaricate plant architecture in Williamsoniaceae. *Botanica Pacifica* 4, 137–148.

Zaton M, Niedzwiedzki G, Marynowski L, Benzerara K, **Pott C**, Cosmidis J, Krzykowski T, Filipiak P. 2015. Coprolites of Late Triassic carnivorous vertebrates from Poland: An integrative approach. *Palaeogeography, Palaeoclimatology, Palaeoecology* 430, 21–46.

2014

Hübers M, Bomfleur B, Krings M, **Pott C**, Kerp H. 2014. A reappraisal of Mississippian (Tournaisian and Visean) adpression floras from central and northwestern Europe. *Zitteliana* A54, 39–52.

Launis A, **Pott C**, Mørk A. 2014. A glimpse into the Carnian: Late Triassic plant fossils from Hopen, Svalbard. *Norwegian Petroleum Directorate Bulletin* 11, 35–42.

Pott C. 2014. A revision of *Wielandiella angustifolia* – a shrub-sized bennettite from the Rhaetian–Hettangian of Scania, Sweden, and Jameson Land, Greenland. *International Journal of Plant Sciences* 175, 467–499.

Pott C. 2014. The Triassic flora of Svalbard. *Acta Palaeontologica Polonica* 59, 709–740. **Awarded with the Most Cited Acta Palaeontologica Polonica Paper Honorable Mention for 2016.**

Pott C, Guhl M, Lehmann J. 2014. The Early Cretaceous flora from the Wealden facies at Duingen, Germany. *Review of Palaeobotany and Palynology* 201, 75–105.

Pott C, McLoughlin S. 2014. Divaricate growth habit in Williamsoniaceae: Unravelling the ecology of a key Mesozoic plant group. *Palaeobiodiversity and Palaeoenvironments* 94, 307–325.

Van Konijnenburg-van Cittert JHA, Kustatscher E, Bauer K, **Pott C**, Schmeißner S, Dütsch G, Krings M. 2014, in press. A *Selaginellites* from the Rhaetian of Wüstenwelsberg (Upper Franconia, Germany). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 272, 115–127.

2013

Pott C. 2013. *Ctenophyllum* – a junior synonym of *Pterophyllum* (Bennettitales: Williamsoniaceae). Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 269, 271–283.

2012

Pott C. McLoughlin S, Lindström A, Wu SQ, Friis EM. 2012. *Baikalophyllum lobatum* and *Rehezamites anisolobus*: Two seed plants with “cycadophyte” foliage from the Early Cretaceous of eastern Asia. International Journal of Plant Sciences 173, 192–208. **Awarded with the Remy & Remy Award 2012.**

Pott C. McLoughlin S, Wu SQ, Friis EM. 2012. Trichomes on the leaves of *Anomozamites villosus* sp. nov. (Bennettitales) from the Daohugou beds (Middle Jurassic), Inner Mongolia, China: Mechanical defence against herbivorous arthropods? Review of Palaeobotany and Palynology 169, 48–60.

2011

Bomfleur B, **Pott C.**, Kerp H. 2011. Plant fossil assemblages of the Shafer Peak Formation (Lower Jurassic), north Victoria Land, East Antarctica. Antarctic Science 23, 188–208.

Kustatscher E, **Pott C.**, Van Konijnenburg-van Cittert JHA. 2011. *Scytophyllum waehneri* (Stur) nov. comb., the correct name for *Scytophyllum persicum* (Schenk) Kilpper, 1975. Zitteliana A51, 9–18.

Kustatscher E, **Pott C.**, Van Konijnenburg-van Cittert JHA. 2011. A contribution to the knowledge of the Triassic fern genus *Symopteris*. Review of Palaeobotany and Palynology 165, 41–60.

McLoughlin S, Carpenter RJ, **Pott C.** 2011. *Ptilophyllum muelleri* (Ettingsh.) comb. nov. from the Oligocene of Australia – last of the Bennettitales? International Journal of Plant Sciences 172, 574–585.

Moisan P, Voigt S, **Pott C.**, Buchwitz M, Schneider JW, Kerp H. 2011. Cycadalean and bennettitalean foliage from the Triassic Madygen Lagerstätte (SW Kyrgyzstan, Central Asia). Review of Palaeobotany and Palynology 164, 93–108.

Pott C. McLoughlin S. 2011. The Rhaeto-Liassic flora from Rögla, northern Scania, Sweden. Palaeontology 54, 1025–1051.

2010

McLoughlin S, **Pott C.**, Elliott D. 2010. The Winton Formation flora (Albian–Cenomanian, Eromanga Basin): Implications for vascular plant diversification and decline in the Australian Cretaceous. Alcheringa 34, 303–323.

Pott C., Krings M. 2010. Gymnosperm foliage from the Upper Triassic of Lunz, Lower Austria: An annotated checklist and identification key. GeoAlp 7, 19–38.

Pott C., Krings M, Kerp H, Friis EM. 2010. Reconstruction of a bennettitalean flower from the Carnian (Upper Triassic) of Lunz, Lower Austria. Review of Palaeobotany and Palynology 159, 94–111.

Pott C. McLoughlin S, Lindström A. 2010. Late Palaeozoic foliage from China displays affinities to Cycadales rather than to Bennettitales necessitating a re-evaluation of the Palaeozoic *Pterophyllum* species. Acta Palaeontologica Polonica 55, 157–168.

2009

McLoughlin S, **Pott C.** 2009. The Jurassic flora of Western Australia. GFF 131, 113–136.

Pott C. McLoughlin S. 2009. Bennettitalean foliage in the Rhaetian–Bajocian (latest Triassic–Middle Jurassic) floras of Scania, southern Sweden. Review of Palaeobotany and Palynology 158, 117–166.

2008

Pott C., Kerp H. 2008. Mikroskopische Untersuchungsmethoden an fossilen Pflanzenabdrücken. Der Präparator 54, 50–61.

Pott C., Kerp H, Krings M. 2008. Sphenophytes from the Carnian (Upper Triassic) of Lunz am See, Lower Austria. Jahrbuch der Geologischen Bundesanstalt Wien 148, 183–199.

Pott C., Krings M, Kerp H. 2008. The Carnian (Late Triassic) flora from Lunz in Lower Austria: Palaeoecological considerations. Palaeoworld 17, 172–182.

Pott C., Labandeira CC, Krings M, Kerp H. 2008. Fossil insect eggs and ovipositional damage on bennettitalean leaf cuticles from the Carnian (Upper Triassic) of Austria. Journal of Paleontology 82, 778–789.

2007

Pott C, Kerp H, Krings M. 2007. *Pseudoctenis cornelii* nov. spec. (cycadalean foliage) from the Carnian (Upper Triassic) of Lunz, Lower Austria. Annalen des Naturhistorischen Museums Wien 109A, 1–17.

Pott C, Kerp H, Krings M. 2007. Morphology and epidermal anatomy of *Nilssonia* (cycadalean foliage) from the Upper Triassic of Lunz (Lower Austria). Review of Palaeobotany and Palynology 143, 197–217.

Pott C, Krings M. 2007. The first record of circinate vernation in bennettitalean foliage. Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 245, 315–321.

Pott C, Krings M, Kerp H. 2007. The first record of *Nilssoniopteris* (Gymnospermophyta, Bennettitales) from the Carnian (Upper Triassic) of Lunz, Lower Austria. Palaeontology 50, 1299–1318.

Pott C, Krings M, Kerp H. 2007. A surface micro-relief on the leaves of *Glossophyllum florinii* (?Ginkgoales) from the Upper Triassic of Lunz, Austria. Botanical Journal of the Linnean Society 153, 87–95.

Pott C, Miller IM, Kerp H, Van Konijnenburg-van Cittert JHA, Zijlstra G. 2007. (1791) Proposal to conserve the name *Pterophyllum* (Foss., Bennettitales) with a conserved type. Taxon 56, 966–967.

Pott C, Van Konijnenburg-van Cittert JHA, Kerp H, Krings M. 2007. Revision of the *Pterophyllum* species (Cycadophytina: Bennettitales) in the Carnian (Late Triassic) flora from Lunz, Lower Austria. Review of Palaeobotany and Palynology 147, 3–27.

Book review

Pott C. 2010. Book review: Herman, A. B., Kvacek, J. 2010. Late Cretaceous Grünbach flora of Austria. Verlag Naturhistorisches Museum Wien, 224 pp. ISBN 978-3-902421-43-2. Cretaceous Research 31, 458.

Popular scientific publications

McLoughlin S, **Pott C**. 2010. On the trail of Australia's youngest Bennettitales. Australian Age of Dinosaurs Magazine 8, 6–7.

McLoughlin S, **Pott C**. 2010. Skånes bennettiter. Geologiskt forum 66, 21–23.

McLoughlin S, **Pott C**. 2009. Harvesting the extinct Bennettitales. Deposits Magazine 19, 16–20.

Pott C. 2006. Kulinarisches aus Dünen-Früchten. Ostfriesland-Magazin, 10/2006, 98–101.

Pott C. 2005. Der Queller: Spezialist im Watt. Ostfriesland-Magazin, 08/2005, 66–67.

Pott C. 2004. Zwischen Land und Meer. Ostfriesland-Magazin, 08/2004, 63–64.

Pott C. 1997. Fütterung nach Tidefahrplan. Anzeiger für Harlingerland, 135/198, 26. August 1997, front cover.

Pott C. 1997. Fütterung nach Tidefahrplan. Seevögel 18, 129.