

Supplementary References

- Abu Hamad, A., Kerp, H., Vörding, B., and Bandel, K. (2008). A Late Permian flora with *Dicroidium* from the Dead Sea region, Jordan. *Review of Palaeobotany and Palynology* 149, 85–130.
- Accordi, B. (1952). Resto di conifera nell'Anisico delle Dolomiti. *Rivista Italiana di Paleontologia e Stratigrafia* 58, 59–60.
- Anderson, H. M., and Anderson, J. M. (2008). *Molteno ferns: late Triassic biodiversity in southern Africa*. Pretoria: South African National Biodiversity Institute (SANBI).
- Arndt, S. (2002). Morphologie und systematik ausgewählter mesozoischer Koniferen. *Palaeontographica, Abt. B* 262, 1–23.
- Artabe, A., and Brea, M. (2003). A new approach to Corystospermales based on Triassic permineralized stems from Argentina. *Alcheringa* 27, 209–229.
- Artabe, A. E., Morel, E. M., and Spalletti, L. A. (2001). “Paleoecología de las floras triásicas argentinas,” in *El Sistema Triásico en la Argentina*, eds. A. E. Artabe, E. M. Morel, and A. B. Zamuner (La Plata: Fundación Museo de La Plata “Francisco Pascasio Moreno”), 199–225.
- Axsmith, B. J., and Taylor, T. N. (1997). The Triassic conifer seed cone *Glyptolepis*. *Review of Palaeobotany and Palynology* 96, 71–79.
- Axsmith, B. J., Taylor, T. N., and Taylor, E. L. (1998) Anatomically preserved leaves of the conifer *Notophytum krauselii* (Podocarpaceae) from the Triassic of Antarctica. *Am. J. Bot.* 85, 704–713.
- Bauer, K., Kustatscher, E., and Krings, M. (2013). The ginkgophytes from the German Kupferschiefer (Permian), with considerations on the taxonomic history and use of *Baiera* and *Sphenobaiera*. *Bulletin of Geosciences* 88, 539–556.
- Bauer, K., Kustatscher, E., Butzmann, R., Fischer, T. C., Van Konijnenburg-van Cittert, J. H. A., and Krings, M. (2014). Ginkgophytes from the upper Permian of the Bletterbach Gorge (northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia* 120, 271–279.
- Bercovici, A., Cui, Y., Forel, M.-B., Yu, J., and Vajda, V. (2015). Terrestrial paleoenvironment characterization across the Permian-Triassic boundary in South China. *Journal of Asian Earth Sciences* 98, 225–246.
- Blanckenhorn, M. (1886). Die fossile Flora des Buntsandsteines und des Muschelkalks der Umgebung von Commern. *Paleontographica* 32, 117–153.
- Boersma, M., and Broekmeyer, L. M. (1986). Index of figured Plant Megafossils – Triassic 1976–1980. *Review of Palaeobotany and Palynology* 49, 235–344.

- Borrueal-Abadía, V., Galán-Abellána, A. B., Kustatscher, E., Diéguez, C., López-Gómez, J., De la Horrad, R. et al. (2014). Palaeoenvironmental reconstruction of the early Anisian from sedimentology and plant remains in the SE Iberian Range (E Spain). *Palaeogeography, Palaeoclimatology, Palaeoecology* 414, 352–369.
- Brack, P., and Kustatscher, E. (2013). *Voltzia recubariensis* from the uppermost Angolo Limestone of the Bagolino succession (Southern Alps of Eastern Lombardy, Italy). *Geo.Alp* 10, 61–70.
- Brea M., Artabe A., and Spalletti L. A. (2008). Ecological reconstruction of a mixed Middle Triassic forest from Argentina. *Alcheringa* 32, 365–393.
- Broglio Loriga, C., Fugagnoli, A., Van Konijnenburg-Van Cittert, J., Kustatscher, E., Posenato, R., and Wachtler, M. (2002). The Anisian Macroflora from the Northern Dolomites (Monte Prà della Vacca / Kühwiesenkopf, Braies): a first report. *Rivista Italiana di Paleontologia e Stratigrafia* 108, 381–389.
- Brongniart, A. T. (1828). *Histoire des végétaux fossiles ou recherches botaniques et géologiques sur les végétaux refermés dans les diverses couches du globe. Tome I*. Paris: Dufour et d'Oscagne.
- Bronn, H. G. (1851–1852). *Lethaea geognostica oder Abbildungen und Beschreibung der für die Gebirgs-Formationen bezeichnendsten Versteinerungen. II. Band Meso-Lethaea: Zweite Periode. Trias Gebirge*. 3. Auflage. Stuttgart: Schweizerbart'sche Verlagshandlung und Druckerei.
- Bronn, H. G. (1858). Beiträge zur triasischen Fauna und Flora der bituminösen Schiefer von Raibl, nebst Anhang über die Kurr'sche Sippe *Chiropteris* aus dem Lettekohlen-Sandstein. *Neues Jahrbuch für Mineralogie, Geognosie, Geologie und Petrefactenkunde* 1, 1–63.
- Brunner, H., and Kelber, K. P. (1988). "Eisenerzkongregationen im württembergisch-fränkischen Unterkeuper – Bemerkungen zum fossilen Environment," in *Neue Forschungen zur Erdgeschichte von Crailsheim*, ed. H. Hagdorn (Stuttgart: Gesellschaft für Naturkunde in Württemberg), 185–205.
- Buriy, J. V., and Zharnikova, N. K. (1980). Flora-bearing beds in the Ladinian stage, Middle Triassic, in Southern Primorye. *Byull. Moskovsk. Obsh. Ispyt. Prir. Otdel. Geol.* 55, 45–53.
- Calligaris, R. (1986). Geologia della Val di Braies e segnalazione di nuova località fossilifera a vegetali nel Ladinico superiore. *Atti del Museo Civico di Storia Naturale* 24, 1–64.
- Calzada, S. (1987). Niveles fosilíferos de la Facies Buntsandstein (Trias) en el sector norte de los Catalánides. *Cuadernos Geología Ibérica* 11, 256–271.
- Cantrill, D.J., and Webb, J.A. (1998). Permineralized pleuromeid lycopsid remains from the Early Triassic Arcadia Formation, Queensland, Australia. *Review of Palaeobotany and Palynology* 102, 189–211.
- Cassinis, G., and Perotti, C. R. (2007). A stratigraphic and tectonic review of the Italian Southern Alpine Permian. *Palaeoworld* 16, 140–172.
- Catullo, T. A. (1847). Memoria Geognostica-Paleozoica sulle Alpi Venete (letta nel 1845). *Memorie della Società Italiana sc. resid. in Modena* 24, 1–158.

Charrier, G. (1964). Legni fossili del Permiano medio delle Cuecenes presso Ortisei (Val Gardena). *Mem. Geopal. Univ. Ferrara* 1, 19–48.

Chroustchoff, K. von (1868). Ueber einige neue Keuperpflanzen. *Württemb. Naturwiss. Jahreshefte* 24, 309–312.

Chu, D., Yu, J., Tong, J., Benton, M. J., Song, H., Huang, Y. et al. (2016). Biostratigraphic correlation and mass extinction during the Permian-Triassic transition in terrestrial-marine siliciclastic settings of South China. *Global and Planetary Change* 146, 67–88.

Compter, G. (1883). Zur fossilen Flora der Lettenkohle Thüringens. *Zeitschrift für Naturwissenschaften* 56, 1–29.

Compter, G. (1894). Die fossile Flora des unteren Keupers von Ostthüringen. *Zeitschrift für Naturwissenschaften* 67, 205–230.

Compter, G. (1911). Revision der fossilen Keuperflora Ostthüringens. *Zeitschrift für Naturwissenschaften* 83, 81–116.

Compter, G. (1918). Ein Nachtrag zur fossilen Keuperflora Ostthüringens. *Zeitschrift für Naturwissenschaften* 86, 439–447.

Cúneo N. R., Taylor E. L., Taylor E. N., and Krings M. (2003). In situ fossil forest from the upper Fremouw Formation (Triassic) of Antarctica: paleoenvironmental setting & paleoclimate analysis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 197, 239–261.

D’Rozario, A., Sun, B., Galtier, J., Wang, S.-J., Guo, W.-Y., Yao, Y.-F. et al. (2011). Studies on the Late Permian permineralized tree fern *Psaronius housuoensis* sp. nov. from Yunnan Province, southwest China. *Review of Palaeobotany and Palynology* 163, 247–263.

De Zigno, M. E. (1862). Sulle piante fossili del Trias di Recoaro raccolte dal Prof. A. Massalongo. *Mem. Ist. Ven. Sc. Lett. Arti* 11, 1–32.

Decombeix A.-L., Klavins S. D., Taylor E. L., and Taylor T. N. (2010a). Anatomy and affinities of permineralized gymnospermous trunks with preserved bark from the Middle Triassic of Antarctica. *Review of Palaeobotany and Palynology* 163, 26–34.

Decombeix A.-L., Klavins S. D., Taylor E. L., and Taylor T. N. (2010b). Seed plant diversity in the Triassic of Antarctica: A new anatomically preserved ovule from the Fremouw Formation. *Review of Palaeobotany and Palynology* 158, 272–280.

Diez J. B., Grauvogel-Stamm L., Broutin J., Ferrer J., Gisbert J., and Linana E. (1996). Première découverte d’une paléoflore anisienne dans le faciès « Buntsandstein » de la branche aragonaise de la Cordillère Ibérique (Espagne). *C.R. Acad. Sci. Paris, Ser. IIa* 323, 341–347.

Diez, J. B., Broutin, J., Grauvogel-Stamm, L., Bourquin, S., Bercovici, A., and Ferrer, J. (2010). Anisian Floras from the NE Iberian Peninsula and Balearic Islands: A synthesis. *Review of Palaeobotany and Palynology* 162, 522–542.

- Dobruskina, I. A. (1994). *Triassic flora of Eurasia*. Wien: Österreichische Akademie der Wissenschaften.
- Engel, Th. (1896). *Geognostischer Wegweiser durch Württemberg. Anleitung zum Erkennen der Schichten und zum Sammeln der Petrefacten*. Stuttgart: Schweitzerbart'sche Verlagshandlung (E. Koch).
- Escapa, I. H., Taylor, E. L., Cuneo, R. C., Bomfleur, B., Bergene, J., Serbet, R. et al. (2011). Triassic floras of Antarctica: Plant diversity and distribution in high paleolatitude communities. *Palaios* 26, 522–544.
- Feng, Z., Wang, J., and Rößler, R. (2011). A unique gymnosperm from the latest Permian of China, and its ecophysiological implications. *Review of Palaeobotany and Palynology* 165, 27–40.
- Feng, Z., Wei, H. B., Guo, Y., Bomfleur, B. Early Triassic flora from Southwest China: new insights into the vegetation turnover following the end-Permian mass extinction. *Scientific Reports*, in press.
- Fliche, P. (1910). Flore fossile du Trias en Lorraine et Franche-Comté avec des considerations finales par M.R. Zeiller. *Bull. Soc. Sci. Nancy* 11, 222–286.
- Florin, R. (1964). “Über *Ortiseia leonardi* n.gen. n.sp., eine Konifere aus den Grödnert Schichten in Alto Adige (Südtirol),” in *La Flora Permiana di Ortisei* Mem. Geopal. Univ. Ferrara., ed. P. Leonardi (Ferrara), 3–18.
- Franz, M., Kaiser, S. I., Fischer, J., Heunisch, C., Kustatscher, E., Luppold, F. W. et al. (2015). Eustatic and climatic control on the Upper Muschelkalk Sea (late Anisian/Ladinian) in the Central European Basin. *Global and Planetary Change* 135, 1–27.
- Frentzen, K. (1922a). Beiträge zur Kenntnis der fossilen Flora des südwestlichen Deutschland. II. Lettenkohlen- und Schilfsandsteinflora. *Jahresberichte und Mitteilungen des oberrheinischen geologischen Vereins* 11, 1–14.
- Frentzen, K. (1922b). Die Keuperflora Badens. *Verhandlungen des Naturwissenschaftlichen Vereins in Karlsruhe* 28, 1–76.
- Frentzen, K. (1930/1931). Die wichtigsten Fundstellen fossiler Pflanzen in Baden und die Entstehung ihrer pflanzenführenden Schichten, 5. Muschelkalk, 6. Keuper, 7. Rhät, 8. Jura, 9. Tertiär. *Badische Geologische Abhandlungen* 3, 41–65.
- Frentzen, K. (1931). *Die Pflanzen des Paläozoikums und Mesozoikums*. ed. W. Salomon-Calvi Berlin: Bornträger Verlag.
- Fritz, A., and Krainer, K. (1999). Eine Rotliegend-Flora aus dem Grödnert Sandstein bei Mölten, Südtirol. *Der Schlern* 73, 637–650.
- Fritz, A., and Krainer, K. (2006). Eine Rotliegendflora aus Seesedimenten des Bozner Vulkanitkomplexes bei Sinnich (Südtirol). *Geo.Alp* 3, 33–45.

- Gall, J. C., and Grauvogel–Stamm, L. (2005). The early Middle Triassic ‘Grès à Voltzia’ Formation of eastern France: a model of environmental refugium. *C. R. Palevol., Paléontologie générale (Paléoécologie)* 4, 637–652.
- Gastaldo R. A., Adendorff R., Bamford, M., Labadeira C. C., Neveling J., and Sims H. (2005). Taphonomical trends of macrofloral assemblages across the Permian–Triassic boundary, Karoo Basin, South Africa. *Palaio* 20, 479–497.
- Gastaldo, R. A., Kamo, S. L., Neveling, J., Geissman, J. W., Bamford, M., and Looy, C. V. (2015). Is the vertebrate-defined Permian-Triassic boundary in the Karoo Basin, South Africa, the terrestrial expression of the end-Permian marine event? *Geology* 43, 939–942
- Goman'kov, A. V. (2005). Floral changes across the Permian-Triassic Boundary. *Stratigraphy and Geological Correlation* 13, 186-194
- Grauvogel-Stamm, L. (1969). Nouveaux types d’organes reproducteurs mâle de conifères du Grès à Voltzia (Trias inférieur) des Vosges. *Bulletin du Service de la Carte Géologique d’Alsace et de Lorraine* 22, 355–357.
- Grauvogel-Stamm, L. (1972). Révision de cônes mâles du «Keuper inférieur» du Worcestershire (Angleterre) attribués à *Masculostrobus willsi* Townrow. *Palaeontographica, Abt. B* 140, 1–26.
- Grauvogel-Stamm, L. (1977). Découverte d’empreintes de conifères dans le Trias de la bordure Nord–Est du massif Central Français. *Sci. Geol. Bull.* 30, 75–78.
- Grauvogel-Stamm, L. (1978). La flore du Grès-a-Voltzia (Buntsandstein Supérieur) des Vosges du Nord (France). Morphologie, anatomie, interprétations phylogénique et paléogéographique. *Sciences géologiques, Mémoire* 50, 1–225.
- Grauvogel-Stamm, L., and Grauvogel, L. (1973). *Masculostrobus acuminatus* nom. nov., un novel organe reproducteur mâle de Gymnosperme du Grès à Voltzia (Trias inférieur) des Vosges (France). *Geobios* 6, 101–114.
- Grauvogel-Stamm, L., and Grauvogel, L. (1975). *Aethophyllum* Brongniart 1828, Conifère (non Equisétale) du Grès à Voltzia (Buntsandstein Supérieur) des Vosges (France). Note Préliminaire. *Géobios* 8, 143–146.
- Grauvogel-Stamm, L., and Kustatscher, E. (in press). “Makrofloren der Germanischen Trias: Buntsandstein und Muschelkalk,” in *Trias – Aufbruch ins Erdmittelalter*, eds. N. Hauschke, G. H. Bachmann, and M. Franz (München: Verlag Dr. Pfeil), 218–227.
- Gümbel, C. W. (1879). Geognostische Mitteilungen aus den Alpen. V. Die Pflanzenreste führenden Sandsteinschichten von Recoaro. *Sitzungsber. Bayer. Akad. Wiss. Math. Phys.* 9, 33–90.
- Haig, D. W., Martin, S. K., Mory, A. J., McLoughlin, S., Backhouse, J., Berrell, R. W. et al. (2015). Early Triassic (early Olenekian) life in the interior of East Gondwana: mixed marine–terrestrial biota from the Kockatea Shale, Western Australia. *Palaeogeography, Palaeoclimatology, Palaeoecology* 417, 511–533

- Holmes W. B. K. (2001). Equisetalean plant remains from the Early to Middle Triassic of New South Wales, Australia. *Records of the Australian Museum* 53, 9–20.
- Holmes, W. B. K., and Ash, S.R. (1979). An Early Triassic megafossil flora from the Lorne Basin, N.S.W. *Proceedings of the Linnean Society of New South Wales* 103, 47–70.
- Karasev, E. (2015). On small pinnate leaves of peltasperm pteridosperms from the Early Triassic of the Kuznetsk Basin (Mal'tsevo Formation, Babii Kamen locality). *Botanica Pacifica* 4, 131–136
- Kelber, K.-P. (1990). Die versunkene Pflanzenwelt aus den Deltasümpfen Mainfrankens vor 230 Millionen Jahren. *Beringeria* 1, 1–67.
- Kelber, K.-P. (1998). Phytostratigraphische Aspekte der Makrofloren des süddeutschen Keupers. *Documenta naturae* 117, 89–115.
- Kelber, K.-P., and Hansch, W. (1995). Keuperpflanzen. Die Enträtselung einer über 200 Millionen Jahre alten Flora. *Museo* 11, 1–157.
- Kelber, K.-P., and Nitsch, E. (2005): Paläoflora und Ablagerungsräume im unterfränkischen Keuper (Exkursion H am 1. April 2005). *Jahresberichte und Mitteilungen des Oberrheinischen Geologischen Vereins* 87, 217–253.
- Kirchner, H. (1928). *Die wichtigsten Versteinerungen Frankens*. Stuttgart: Schweitzerbart'sche Verlagsbuchhandlung.
- Klebelberg, R. von (1935). *Geologie von Tirol*. Berlin: Gebrüder Bornträger Verlag.
- Kustatscher, E., and Meller, B. (2006). Old treasures newly discovered: *Scytophyllum bergeri* from the Ladinian of the Dolomites in the historical collections of the Geologische Bundesanstalt Wien. *Geo.Alp* 3, 47–54.
- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2005). The Ladinian Flora (Middle Triassic) of the Dolomites: Palaeoenvironmental reconstructions and palaeoclimatic considerations. *Geo.Alp.* 2, 31–51.
- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2007). Taxonomical and Palaeogeographical considerations on the genus *Ptilozamites* with some comments on *Anomozamites*, *Dicroidium*, *Pseudecten* and *Ctenozamites*. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen* 243, 71–100.
- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2008). Lycophytes and horsetails from the Triassic flora of Thale (Germany). *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen* 250, 65–77.
- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2010). Seed ferns and Cycadophytes from the Triassic Flora of Thale (Germany). *Neues Jahrbuch für Geologie und Paläontologie* 258, 195–217.
- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2011). The ferns of the Middle Triassic flora from Thale (Germany). *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen* 261, 209–248.

- Kustatscher, E., and Van Konijnenburg-van Cittert, J. H. A. (2013). Seed ferns from the European Triassic – an overview. *New Mexico Museum of Natural History and Science, Bulletin* 61, 331–344.
- Kustatscher, E., Bernardi, M., Petti, F. M, Franz, M., Kerp, H., Van Konijnenburg-van Cittert, J. H. A. et al. (2017). Sea-level changes in the Lopingian (late Permian) of the north-western Tethys and their effects on the terrestrial palaeoenvironments, biota and fossil preservation. *Global and Planetary Change* 148, 166–180.
- Kustatscher, E., Wachtler, M., and Van Konijnenburg-van Cittert, J. H. A. (2004). A number of additional and revised taxa from the Ladinian Flora of the Dolomites, Northern Italy. *Geo.Alp* 1, 57–70.
- Kustatscher, E., Wachtler, M., and Van Konijnenburg-van Cittert, J. H. A. (2007). Horsetails and seedferns from the Middle Triassic (Anisian) locality Kühwiesenkopf (Monte Prà della Vacca) in the Dolomites (Northern Italy). *Palaeontology* 50, 1277–1298.
- Kustatscher, E., Hemsley, A., and Van Konijnenburg-van Cittert, J. H. A. (2009). *Lugardonia paradoxa*, a new fertile strobilus with unknown affinities from the Anisian flora of Kühwiesenkopf, the Dolomites, Italy. *Review of Palaeobotany and Palynology* 156, 90–97.
- Kustatscher, E., Wachtler, M., and Van Konijnenburg-van Cittert, J. H. A. (2010a). Lycophytes from the Middle Triassic (Anisian) locality Kühwiesenkopf (Monte Prà della Vacca) in the Dolomites (Northern Italy). *Palaeontology* 53, 595–626.
- Kustatscher, E., Van Konijnenburg-van Cittert, J. H. A., and Roghi, G. (2010b). Macrofloras and palynomorphs as possible proxies for palaeoclimatic and palaeoecological studies: A case study of Kühwiesenkopf / Monte Prà della Vacca (Olang Dolomites, N-Italy). *Palaeogeography, Palaeoclimatology, Palaeoecology* 291, 71–80.
- Kustatscher, E., Giordano, D., and Riva, A. (2011a). “La flora anisica della Valle di San Lucano,” in *L’armonia fra uomo e natura nelle Valli Dolomitiche Atti delle giornate di studio, Agordo* (Rome: Aracne Ed.), 131–146.
- Kustatscher, E., Pott, C., and Van Konijnenburg-van Cittert, J. H. A. (2011b). A contribution to the knowledge of the Triassic fern genus *Symopteris*. *Review of Palaeobotany and Palynology* 165, 41–60.
- Kustatscher, E., Van Konijnenburg-van Cittert, J. H. A., Bauer, K., Butzmann, R., Meller, B., and Fischer, T. C. (2012a). A new flora from the Upper Permian of Bletterbach (Dolomites, N-Italy). *Review of Palaeobotany and Palynology* 182, 1–13.
- Kustatscher, E., Bauer, K., and Reich, M. (2012b). A new Middle Triassic (Pelsonian) plant locality in Northern Italy: The Non Valley (Trentino). *Geo.Alp* 9, 60–73.
- Kustatscher, E., Heunisch, C., and Van Konijnenburg-van Cittert, J. H. A. (2012c). Taphonomical implications of the Ladinian megaflora and palynoflora of Thale (Germany). *Palaios* 27, 753–764.

- Kustatscher, E., Kelber, K.-P., and Van Konijnenburg-van Cittert, J. H. A. (2012d). *Danaeopsis* Heer ex Schimper 1869 and its European Triassic species. *Review of Palaeobotany and Palynology* 183, 32–49.
- Kustatscher, E., Bauer, K., Butzmann, R., Fischer, T. C., Meller, B., Van Konijnenburg-van Cittert, J.H.A. et al. (2014a). Sphenophytes, pteridosperms and possible cycads from the Wuchiapingian (Lopingian, Permian) of Bletterbach (Dolomites, Northern Italy). *Review of Palaeobotany and Palynology* 208, 65–82.
- Kustatscher, E., Franz, M., Heunisch, C., Reich, M., and Wappler, T. (2014b). Floodplain habitats of braided river systems: depositional environment, flora and fauna of the Solling Formation (Buntsandstein, Early Triassic) from Bremke and Fürstenberg (Germany). *Palaeobiodiversity and Palaeoenvironments* 94, 237–270.
- Kustatscher, E., Dellantonio, E., and Van Konijnenburg-van Cittert, J. H. A. (2014c). The ferns of the late Ladinian (Middle Triassic) flora from Monte Agnello (Dolomites, N-Italy). *Acta Palaeontologica Polonica* 59, 741–755.
- Linnell, T. (1932). Zur Morphologie und Systematik triassischer Cycadophyten I. Die Gattung *Sphenozamites* Brogniart. *Svensk Botanisk Tidskrift* 26, 241–263.
- Linnell, T. (1933). Zur Morphologie und Systematik triassischer Cycadophyten. II. Über *Scytophyllum* Bornem, eine wenig bekannte Cycadophytengattung aus dem Keuper. *Svensk Botanisk Tidskrift* 27, 310–331.
- McLoughlin, S. (2011). New records of leaf galls and arthropod oviposition scars in Permian–Triassic Gondwanan gymnosperms. *Australian Journal of Botany* 59, 156–169.
- McLoughlin, S., and Drinnan, A. N. (1996). Anatomically preserved Permian *Noeggerathiopsis* leaves from east Antarctica. *Review of Palaeobotany and Palynology* 92, 207–227.
- McLoughlin, S., and Drinnan, A. N. (1997a). Revised stratigraphy of the Permian Bainmedart Coal Measures, northern Prince Charles Mountains, East Antarctica. *Geol. Mag.* 134, 335–353.
- McLoughlin, S., and Drinnan, A. N. (1997b). Fluvial sedimentology and revised stratigraphy of the Triassic Flagstone Bench Formation, northern Prince Charles Mountains, East Antarctica. *Geol. Mag.* 136, 781–806.
- Naugolnykh, S. V. (2005). Fossil plants from the Upper Permian of the Cis-Urals (Perm district; collection of G.T. Mauer) at the Vernadsky State Geological Museum. *Vernadsky Museum–Novitates* 13, 1–44.
- Pacyna, G. (2014). Plant remains from the Polish Triassic. Present knowledge and future prospects. *Acta Palaeobotanica* 54, 3–33.
- Retallack, G. J. (1975). The life and times of a Triassic lycopod. *Alcheringa* 1, 3–29.
- Roselt, G. (1952–1953). Zur Flora des Unteren und Mittleren Keupers (Dipl. Arbeit 1952). *Wissenschaftliche Zeitschrift der Friedrich–Schiller Universität, Math.–Naturwiss. Reihe* 1, 65–66.

- Sadovnikov, G. N. (2008). On the Global Stratotype Section and Point of the Triassic Base. *Stratigraphy and Geological Correlation* 16, 31–46.
- Sadovnikov, G. N. (2015). Paleoeological characterization of the Middle Siberian Trappean plateau during the middle period of its formation (terminal Permian). *Paleontological Journal* 49, 438–447.
- Sadovnikov, G. N. (2016). Evolution of the biome of the Middle Siberian Trappean Plateau. *Paleontological Journal* 50, 518–532.
- Sandberger, F. (1882). Die Triasformation im mittleren Maingebiete. *Gem. Wochenschrift* 1–6, 1–19.
- Schaarschmidt, F., and Maubeuge, P. L. (1969). Eine männliche Gymnospermen-Fruktifikation aus dem Voltziensandstein (Untere Trias) der Vogesen. *Senckenbergiana lethaea* 50, 377–397.
- Schauroth, K. von (1955). Übersicht der geognostischen Verhältnisse der Gegend von Recoaro im Vicentinischen. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe* 17, 481–562.
- Schenk, A. (1862). Bemerkungen über einige Pflanzen der Keuperformation. *Würzburger naturwissenschaftliche Zeitschrift* 3, 179–180.
- Schenk, A. (1867). Bemerkungen über einige Pflanzen der Lettenkohle und des Schilfsandsteines. *Würzburger naturwissenschaftliche Zeitung* 6, 49–63.
- Schimper, W. P., and Mougeot, A. (1844). *Monographie des Plants fossiles du Grès Bigarré de la chaîne des Vosges*. Leipzig: Chez Guillaume Engelmann.
- Schuster, J. (1911). *Pagiophyllum weissmanni* im unteren Hauptmuschelkalk von Würzburg. *Geognostische Jahreshefte* 1910, 149–153.
- Sennikov, A. G., and Golubev, V. K. (2006). Vyazniki biotic assemblage of the terminal Permian. *Paleont. J.* 40, 475–481.
- Seyfullah, L. J., Kustatscher, E., and Taylor, W. (2013). The first discovery of in situ *Verrucosisporites applanatus* spores from the Middle Triassic flora from Bromsgrove (Worcestershire, U.K.). *Review of Palaeobotany and Palynology* 197, 15–25.
- Silvestro, D., Cascales-Miñana B., Bacon C. D., and Antonelli, A. (2015). Revisiting the origin and diversification of vascular plants through a comprehensive Bayesian analysis of the fossil record. *New Phytologist* 1–12.
- Srivastava, A. K., and Agnihotri, D. (2010). Dilemma of late Palaeozoic mixed floras in Gondwana. *Palaeogeography, Palaeoclimatology, Palaeoecology* 298, 54–69.
- Stockar, R., and Kustatscher, E. (2010). The Ladinian Flora from the Cassina beds (Monte San Giorgio, Switzerland): a first report. *Rivista Italiana di Paleontologia e Stratigrafia* 116, 161–176.

- Sun, G., Meng, F., Qian, L., and Ouyang, S. (1995). "Triassic Floras," in *Fossil floras of China through the geological ages*, eds. X. Li, Z. Zhou, C. Cai, G. Sun, S. Ouyang, and L. Deng (Guangzhou: Guangzhou Science and Technology Press), 305–342.
- Todesco, R., Wachtler, M., Kustatscher E., and Avanzini, M. (2008). Preliminary report on a new vertebrate track and flora site from Piz da Peres (Anisian–Illyrian): Olang Dolomites, Northern Italy. *Geo.Alp* 5, 121–137.
- Uhl, D. (2006). Some considerations on the taphonomy of conifer remains from the Late Permian of Europe. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 08/2006, 483–502.
- Van Konijnenburg-van Cittert, J. H. A., Kustatscher, E., and Wachtler, M. (2006). Middle Triassic (Anisian) ferns from Kühwiesenkopf (Prà della Vacca, Dolomites, Northern Italy). *Palaeontology* 49, 943–968.
- Wang, Z., and Wang, L. (1982). A new species of the lycopsid *Pleuromeia* from the Early Triassic of Shanxi, China, and its ecology. *Palaeontology* 25, 215–225.
- Wang, Z., and Wang, L. (1989). Late Early Triassic fossil plants in the Shiqianfeng Group in North China. *Shanxi Geology* 4, 23–40.
- Wang, Z., and Wang, L. (1990). Late Early Triassic fossil plants from upper part of the Shiqianfeng Group in North China. *Shanxi Geology* 5, 97–154.
- Webb, J. A. (1982). A new plant genus, possibly a marattialean fern, from the Middle Triassic of eastern Australia. *Mem. Ass. Australas. Palaeontol.* 1, 363–371.
- Weigelt, J. (1930). Neue Pflanzenfunde aus dem Mansfelder Kupferschiefer. *Leopoldina* 4, 643–668.
- Weigelt, J. (1931). Neue Pflanzenfunde aus dem Mansfelder Kupferschiefer. *Zeitschrift für Naturwissenschaften* 89, 104–125.
- Wills, L. J. (1910). On the fossiliferous Lower Keuper rocks of Worcestershire with descriptions of some of the plant and animals discovered therein. *Proc. Geol. Assoc.* 21, 249–332.
- Xiong, C., and Wang, Q. (2011). Permian–Triassic land-plant diversity in South China: Was there a mass extinction at the Permian/Triassic boundary?. *Palaeobiology* 37, 157–167.
- Yu, J., Peng, Y., Zhang, S., Yang, F., Zhao, Q., and Huang, Q. (2007). Terrestrial events across the Permian–Triassic boundary along the Yunnan–Guizhou border, SW China. *Global and Planetary Change* 55, 193–208.
- Yu, J. X., Li, H. M., Zhang, S. X., Yang, F. Q., and Feng, Q. L. (2008). Timing of the terrestrial Permian–Triassic boundary biotic crisis: Implications from U/Pb dating of authigenic zircons. *Science of China, Ser. D, Earth Science* 51, 1–13.
- Yu, J., Broutin, J., Huang, Q., and Grauvogel-Stamm, L. (2010). *Annalepis*, a pioneering lycopsid genus in the recovery of the Triassic land flora in South China. *Comptes Rendus Palevol* 9, 479–486.

Yu, J., and Broutin, J. (2010). Paleofloral assemblage across the Permian-Triassic boundary, western Guizhou and eastern Yunnan in South China. *Journal of Earth Science* 21, 179–182.

Zeiller, M. R. (1888). Sur la présence, dans le grès bigarré des Vosges, de l'*Acrostichides rhombifolius* Fontaine. *Bulletin de la Société géologique de France, Ser. III, T. XVI* 1888, 693–699.

Zhou, Z. Y., and Li, B. X. (1979). A preliminary study of the Early Triassic plants from the Qionghai District, Hainan Island. *Acta Palaeontologica Sinica* 18, 444–463.