

Publications

Robert K. Peet

Books:

Box, E.O., R.K. Peet, T. Masuzawa, I. Yamada, K. Fujiwara and P.F. Maycock (editors). 1995. *Vegetation Science in Forestry. Handbook of Vegetation Science 12/1*. Kluwer Academic Publishers, Dordrecht. 663 pp.

Walsh, S, F. Davis and R.K. Peet (editors). 1994. *Applications of Geographic Information Systems and Remote Sensing in Vegetation Science*. Opulus Press, Uppsala. 147 pp.

Glenn-Lewin, D.C., R.K. Peet and T.T. Veblen (editors). 1992. *Plant succession: theory and prediction*. Chapman and Hall, London.

Peet, R.K. (editor). 1985. *Plant community ecology: Papers in honor of Robert H. Whittaker*. Junk, The Hague. 332 pp.

Lieth, H., E. Landolt and R.K. Peet (editors). 1982. Contributions to the knowledge of flora and vegetation in the Carolinas. *Veroff. Geobot. Inst. ETH, Stiftung Rubel*. Heft 70. 177 p.

Articles and Chapters:

Peet, R.K., J. Franklin, M. Diekmann, P.S. White. In Memoriam: Eddy van der Maarel (February 23, 1934—April 4, 2021). *Journal of Vegetation Science* (submitted).

Sabatini, F.M., B. J. Jiménez-Alfaro, ...R.K. Peet, ...H. Bruelheide. Global patterns of local plant diversity. *Nature Plants* (submitted).

Feng, X., B.J. Enquist, ... R.K. Peet, ... L. López-Hoffman. A review of the heterogeneous landscape of biodiversity databases: opportunities and challenges for a synthesized biodiversity knowledge base. *Global Ecology and Biogeography* (Submitted). EcoEvoRxiv Preprints DOI: [10.32942/osf.io/9zt4a](https://doi.org/10.32942/osf.io/9zt4a).

Dembicz, I, J. Dengler ... R.K. Peet, ... I. Biurrun. Fine-grain beta diversity in Palaeartic open vegetation: variability within and between biomes and vegetation types. *Vegetation Classification and Survey* (in press).

Neves, D.M., A.J. Kerkhoff, ... R.K. Peet, ... B.J. Enquist. The adaptive challenge of extreme conditions shapes evolutionary diversity of plant assemblages at continental scales. *PNAS* (in press).

Biurrun, I, R. Pielech, ... R.K. Peet, ...J. Dengler. 2021. Benchmarking plant diversity of Palaeartic grasslands and other open habitats. *Journal of Vegetation Science*, 32:e13050. <https://doi.org/10.1111/jvs.13050>

- Sabatini, F.M. J. Lenoir, ... R.K. Peet, ... H. Bruelheidi. sPlotOpen.2021. An environmentally balanced, open-access, global dataset of vegetation plots. *Global Ecology and Biogeography* 30(9): 1740-1764. <https://doi.org/10.1111/geb.13346>
- Dembicz, I., J. Dengler, ... R.K. Peet, ... I. Biurrun. 2021. Fine-grain beta diversity in Palaeartic grassland vegetation. *Journal of Vegetation Science* 32(3): e13045. <https://doi.org/10.1111/jvs.13045>
- Spooner, J., R.K. Peet, M.P. Schafale & A.S. Weakley. 2021. The role of fire in the dynamics of Piedmont vegetation. In: C.H. Greenberg & B. Collins (eds). *Fire Ecology and Management: Past, Present and Future of US Forested Ecosystems. Managing Forest Ecosystems*, Vol 39. Springer, Cham. Chapter 2, Pp 31-62. https://doi.org/10.1007/978-3-030-73267-7_2
- Testolin, R., F. Attore, ... R.K. Peet, ... B. Jiménez-Alfaro. 2021. Global patterns of alpine plant species richness. *Global Ecology and Biogeography*. 2021; 001-14. <https://doi.org/10.1111/geb.13297>
- Keeler-Wolf, T & R.K. Peet. 2021. Resolution of Respect: Michael G. Barbour (1942-2021). *Bulletin of the Ecological Society of America*. E01882. <http://doi.org/10.1002/bes2.1882>
- Testolin, R., C. Carmona, ...R.K. Peet, ... B. Jiménez-Alfaro. 2021. Global functional variation in alpine vegetation. *Journal of Vegetation Science* 2021;32:e13000. <https://onlinelibrary.wiley.com/doi/10.1111/jvs.13000>
- Hakkenberg, C.R., D.D. Tarasi, S. Cushman & R.K. Peet. 2021. Community – Continuum in Biogeography. *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. Wiley, Oxford, UK. Revised edition. <https://doi.org/10.1002/9781118786352.wbieg1043.pub2>
- Cai., Q., E. Welk ..., R.K. Peet, ... H. Bruelheide. 2021. The relationship between niche breadth and range size of beech (*Fagus*) species worldwide. *Journal of Biogeography*. 48:1240-1353. <http://doi.org/10.1111/jbi.14074>
- Brown, A.J., P.S. White & R.K. Peet. 2021. Environmental context alters the magnitude of conspecific negative density dependence in a temperate forest. *Ecosphere* 12(3): e03406. <http://doi.org/10.1002/ecs2.3406>
- Tordoni, E., G. Bacaro, ... R.K. Peet, ... H. Kreft. 2021 Disentangling native and alien plant diversity in coastal sand dune ecosystems worldwide. *Journal of Vegetation Science* 32(1): e12861 <https://doi.org/10.1111/jvs.12961>
- Lee, M.T., R.K. Peet, T.R. Wentworth, M.P. Schafale, A.S. Weakley, J.P. Vanderhorst & K. Patterson. 2020. Availability of plot data from the Carolinas and Virginias for documenting the US National Vegetation Classification. *Proceedings of the U.S. National Vegetation Classification*. USNVC-Proc-4. <https://proceedings.usnvc.org/articles/70>

- Hakkenberg, C.R., R.K. Peet, T.R. Wentworth, K. Zhu & M.P. Schafale. 2020. Tree cover constrains the fertility-diversity relationship in plant communities of the southeastern USA. *Ecology* 101(10): e03119. <https://doi.org/10.1002/ecy.3119>.
- Brown, A., C.J. Payne, P.S. White & R.K. Peet. 2020. Shade tolerance and mycorrhizal type may influence sapling susceptibility to conspecific negative density dependence. *Journal of Ecology* 108: 325-336. <https://doi-org.libproxy.lib.unc.edu/10.1111/1365-2745.13237>
- Dengler, J., T.J. Matthews, ... R.K. Peet, ... & I. Biurren. 2020. Species-area relationships in continuous vegetation: evidence from Palearctic Grasslands. *Journal of Biogeography* 47: 72-86. (<https://onlinelibrary.wiley.com/doi/epdf/10.1111/jbi.13697>)
- Malanson, G.P. & R.K. Peet. 2020. Foundational biogeography: Vegetation of the Great Smoky Mountains (*Ecological Monographs*, 26: 1-80, 1956), by Robert H. Whittaker. *Progress in Physical Geography*. 44: 137-143. <https://journals.sagepub.com/doi/10.1177/0309133319897409>
- Van der Sande, M.T., H. Bruelheide, ... R.K. Peet, ... & T.M. Knight. 2020. Similar mechanisms underlie tree abundance in native and alien ranges. *Global Ecology and Biogeography* 29: 281-294. <https://onlinelibrary.wiley.com/doi/full/10.1111/geb.13027>
- Ury, E.A., S.M. Anderson, R.K. Peet, E.S. Bernhardt & J.P. Wright. 2020. Succession, Regression and loss: does evidence of saltwater exposure explain recent changes in the tree communities of North Carolina's Coastal Plain? *Annals of Botany* 125: 255-264. <https://academic.oup.com/aob/article/125/2/255/5429779>
- Gafta, D. & R.K. Peet. 2020. Interaction of herbs and tree saplings is mediated by soil fertility and overstory evergreenness in southern Appalachian forests. *Journal of Vegetation Science* 31: 95-106. <https://onlinelibrary.wiley.com/doi/abs/10.1111/jvs.12834>
- Enquist, B.J., X. Feng, ... R.K. Peet, ... B.J. McGill. 2019. The commonness of rarity: Global and future distribution of rarity across land plants. *Science Advances* 27 Nov 2019: EAAZ0414. 13 pp. <https://advances.sciencemag.org/content/5/11/eaaz0414>
- Šímová, I., B. Sandel, B.J. Enquist, S.T. Michaletz, J. Kattge, C. Violle, B.J. McGill, B. Blonder, K. Engemann, R.K. Peet, S.K. Wisser, N. Morueta-Holme, B. Boyle, N.J.B. Kraft, & J.-C. Svenning. 2019. The relationship of woody plant size and leaf nutrient content to large-scale productivity for forests across the Americas. *Journal of Ecology* 107:2278-2290. (<https://doi.org/10.1111/1365-2745.13163>)
- Barnett, D., P. Adler, B.R. Chemel, P.A. Duffy, B.J. Enquist, J.B. Grace, S. Harrison, R.K. Peet, D.S. Schimel, T.J. Stohlgren, M. Vellend. 2019. The plant diversity sampling design for The National Ecological Observatory Network. *Ecosphere* 10 (2) E02603 <http://dx.doi.org/10.1002/ecs2.2603>
- Chytrý, M, A. Chiarucci, M. Pärtel, V.D. Pillar, J.P. Bakker, L. Mucina, R.K. Peet & P.S. White. 2019. Progress in vegetation science: trends over the past three decades and new horizons.

Journal of Vegetation Science 30: 1-4.

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/jvs.12697>

Bretfeld, M., S.B. Franklin and R.K. Peet. 2019. Long-term vegetation dynamics of mixed aspen forests in Rocky Mountain National Park, USA. *Journal of Vegetation Science* 30: 121-133.

<https://onlinelibrary.wiley.com/doi/10.1111/jvs.12712>

Xi, W., R.K. Peet, M.L. Lee & D.L. Urban. 2019. Hurricane disturbances, tree diversity, and succession in North Carolina Piedmont forests, USA. *Journal of Forestry Research* 30: 219-231. <https://doi.org/10.1007/s11676-018-0813-4>

Bruelheide, H., J. Dengler, B. Jiménez-Alfaro, O. Purschke, S.M. Hennekens, M. Chytrý, V.D. Pillar, F. Jansen, J. Kattge, B. Sandel, I. Aubin, I. Biurrun, R. Field, S. Haider, U. Jandt, J. Lenoir, R.K. Peet, et al. 2019. sPlot – a new tool for global vegetation analyses. *Journal of Vegetation Science* 30: 161-186. <https://doi.org/10.1111/jvs.12710>

Echeverría-Londoño, S., B.J. Enquist, D.M. Neves, C. Violle, B. Boyle, N.J.B. Kraft, B.S. Maitner, B. McGill, N. Morueta-Holme, R.K. Peet, B. Sandel, S.A. Smith, J.-C. Svenning, S.K. Wiser & A.J. Kerkhoff. 2018. Plant functional diversity and the biogeography of biomes in North and South America. *Frontiers in Ecology and Evolution* 18 (219), 12 pp.

<https://doi.org/10.3389/fevo.2018.00219>

Bruelheide, H., J. Dengler, O. Purschke, J. Lenoir, B. Jiménez-Alfaro, S.M. Hennekens, Z. Botta-Dukát, M. Chytrý, R. Field, F. Jansen, J. Kattge, V.D. Pillar, F. Schrodte, M.D. Mahecha, R.K. Peet et al. Global trait–environment relationships of plant communities. 2018. *Nature Ecology and Evolution* 2: 1906-1917. <https://www.nature.com/articles/s41559-018-0699-8>

Peet, R.K., W.J. Platt & J.K. Costanza. 2018. Fire-maintained pine savannas and woodlands of the southeastern US Coastal Plain. Chapter 3 in A. Barton and W. Keeton, editors. *Ecology and Recovery of Eastern Old-Growth Forests*. Island Press, Washington D.C. Pp 39-62. https://books.google.com/books?hl=en&lr=&id=CRlvDwAAQBAJ&oi=fnd&pg=PA39&dq=info:YqPItbZNkAgJ:scholar.google.com&ots=OTVJNszfuH&sig=Z5k3GAiZVZmcyu_hlb340wZwYNU#v=onepage&q&f=false

Chytrý, M. & R.K. Peet. IAVS Honorary Membership 2018: Ladislav Mucina. *IAVS Bulletin* 2018 (3): 10-15.

Zhou, W., X. Ji, S. Obata, A. Pai, R.K. Peet, & Q.-Y. Xiang. 2018. Resolving relationships and phylogeographic history of the *Nyssa sylvatica* complex using data from RAD-seq and species distribution modelling. *Molecular Phylogenetics and Evolution* 126: 1-16.

<https://www.sciencedirect.com/science/article/pii/S1055790317308163>

Dengler, ...R.K. Peet, ... I. Biurrun. 2018. GrassPlot – a database of multi-scale plant diversity in Palearctic grasslands. *Phytocoenologia* 48: 331-347.

<https://dx.doi.org/10.1127/phyto/2018/0267>

Peet, R.K., K.A. Palmquist, T.R. Wentworth, M.P. Schafale, A.S. Weakley & M.T. Lee.

2018. Carolina Vegetation Survey: an initiative to improve regional implementation of the U.S. National Vegetation Classification. *Phytocoenologia* 48: 171-179.
<https://dx.doi.org/10.1127/phyto/2017/0168>
- Faber-Langendoen, D., K. Baldwin, R.K. Peet, D. Meidinger, E. Muldavin, T. Keeler-Wolf & C. Josse. 2018. The EcoVeg Approach in the Americas: U.S., Canadian and International Vegetation Classifications. *Phytocoenologia* 48: 215-237.
<https://dx.doi.org/10.1127/phyto/2017/0165>
- Walker, D.A.; F.J.A. Daniëls, N.V. Matveyeva, J. Šibík, M.D. Walker, A.L. Breen, L.A. Druckenmiller, M.K. Reynolds, H. Bültmann, S. Hennekens, M. Buchhorn, H.E. Epstein, K. Ermokhina, A.M. Fosaa, S. Heiðmarsson, B. Heim, I.S. Jónsdóttir, N. Koroleva, E. Lévesque, W.H. MacKenzie, G.H.R. Henry, L. Nilsen, R. Peet, V. Razzhivin, S.S. Talbot, M. Telyatnikov, D. Thannheiser, P.J. Webber, L.M. Wirth. 2018. Circumpolar arctic vegetation classification. *Phytocoenologia* 48: 181-201.
<https://dx.doi.org/10.1127/phyto/2017/0192>
- Šimová, I., C. Violle, J.C. Svenning, J. Kattge, K. Engemann, B. Sandel, R.K. Peet, S.K. Wisser, B. Blonder, B.J. McGill, N.J.B. Kraft, P.M. van Bodegom, A.G. Gutierrez, M. Bahn, W.A. Ozinga, A. Tószögyová, & B. J. Enquist. 2018. Spatial patterns and climate relationships of major plant traits in the New World differ between woody and herbaceous species. *Journal of Biogeography* 45: 895-916. <https://onlinelibrary.wiley.com/doi/full/10.1111/jbi.13171>
- Hakkenberg, C.R., K. Zhu, R.K. Peet, & C. Song. 2018. Mapping multi-scale vascular plant richness in a forest landscape with integrated LiDAR and hyperspectral remote sensing. *Ecology* 99: 474-487.
<https://esajournals.onlinelibrary.wiley.com/doi/epdf/10.1002/ecy.2109>
- Hakkenberg, C.R., R.K. Peet, D. L. Urban, & C. Song. 2018. Modeling plant composition as community continua in a forest landscape with LiDAR and hyperspectral remote sensing. *Ecological Applications* 28: 177-190.
<http://onlinelibrary.wiley.com/doi/10.1002/eap.1638/full>
- Shearman, T.M., G.G. Wang, R.K. Peet, T.R. Wentworth, M.P. Schafale & A.S. Weakley. 2018. Community Analysis for Forest Ecosystems with Natural Growth of *Persea* spp. in the Southeastern United States. *Castanea* 83: 3-27.
<http://www.bioone.org/doi/full/10.2179/17-131>. Winner of the **Windler Award** for the best paper in systematics or ecology published in *Castanea* in 2018.
- Maitner, Brian; Boyle, Brad; Casler, Nathan; Condit, Richard; Donoghue II, John; Duran, Sandra; Guaderrama, Daniel; Hinchliff, Cody; Jørgensen, Peter; Kraft, Nathan; McGill, Brian; Merow, Cory; Morueta-Holme, Naia; Peet, Robert; Sandel, Brody; Schildhauer, Mark; Smith, Stephen; Svenning, Jens Christian; Thiers, Barbara; Vilooe, Cyrille; Wisser, S.; Enquist, Brian. 2018. The BIEN R package: A tool to access the Botanical Information and Ecology Network (BIEN)

Database. *Methods in Ecology and Evolution* 9: 373-379.

<https://onlinelibrary.wiley.com/doi/10.1111/2041-210X.12861/abstract>

Tarasi, D.D. & R.K. Peet. 2017. The Native-exotic species richness relationship varies with spatial grain of measurement and environmental conditions. *Ecology* 98: 3086-3095. <http://onlinelibrary.wiley.com/doi/10.1002/ecy.2028/full>

Peet, R.K. 2017. Alexander von Humboldt Medal awarded to F. Stewart Chapin III, 2017. *IAVS Bulletin* 2017(3): 19-22.

<http://iavs.org/Publications/IAVS-Bulletin/Bulletin-2017-03/Bulletin-2017-3.aspx>

Janišová, M., M. Chytrý, H. Gordon, R. Guarino, A. Harada, C. Hobohm, P. Krestov, I. Krestova, J. Loidi, L. Mucina, R.K. Peet & V. Pillar. 2017. Sicilian jewels, or what do vegetation scientists appreciate on plants? *IAVS Bulletin* 2017 (3): 3-18. <http://iavs.org/Publications/IAVS-Bulletin/Bulletin-2017-03/Bulletin-2017-3.aspx>

Peet, R.K. 2017. IAVS and data for vegetation science: past, present and future. *IAVS Bulletin* 2017 (2): 8-17.

<http://iavs.org/Publications/IAVS-Bulletin/Bulletin-2017-02/Bulletin-2017-1.aspx>

Hakkenberg, C.R., D.D. Tarasi & R.K. Peet. 2017. Community/continuum. *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. Wiley, Oxford, UK.

Knight, D., R. Gorman, E. Menges, R. Peet, D. Waller & J. Zedler. 2017. Resolution of respect: Orié L. Loucks 1931-2016. *Bulletin of the Ecological Society of America* 98 (1):26-31. <http://onlinelibrary.wiley.com/doi/10.1002/bes2.1298/full>

Enquist B.J., R. Condit, R.K. Peet, M. Schildhauer, B.M. Thiers. 2016. Cyberinfrastructure for an integrated botanical information network to investigate the ecological impacts of global climate change on plant biodiversity. *PeerJ Preprints* 4:e2615v2

<https://doi.org/10.7287/peerj.preprints.2615v2>

Janišová, M., L. Mucina, M.C. Da Silva Jr., G. Durigan, G.P. Sabino, J. Paruelo, A.T.R. Acosta, R. Hédli, R.K. Peet & R. Guarino. 2016. Cerrado, Caatinga, Gran Chaco and Mata Atlântica: South American flagships of biodiversity. *IAVS Bulletin* 2016 (4): 7-22.

<http://iavs.org/getattachment/547f9c16-1fa4-4d8c-a236-c234de0f36a8/Bulletin-2016-4.aspx>

Hakkenberg, C.R., C. Song, R.K. Peet & P.S. White. 2016. Forest structure as a predictor of tree species diversity in the North Carolina Piedmont. *Journal of Vegetation Science* 27:1151-1163. <http://onlinelibrary.wiley.com/doi/10.1111/jvs.12451/full>

Engemann, K., B. Sandel, B.L. Boyle, B.J. Enquist, P.M. Jørgensen, J. Kattge, B.J. McGill, N. Morueta-Holme, R.K. Peet, N.J. Spencer, C. Violle, S.K. Wisser & J.-C. Svenning. 2016. A plant growth form dataset for the New World. *Ecology* 97: 3243.

<http://onlinelibrary.wiley.com/doi/10.1002/ecy.1569/full>

- Walker, D.A., A.L. Breen, L.A. Druckenmiller, L.W. Wirth, W. Fisher, M.K. Reynolds, J. Šibík, M.D. Walker, S. Hennekens, K. Boggs, T. Boucher, M. Buchhorn, H. Bültmann, D.J. Cooper, F.J.A. Daniëls, S.J. Davidson, J.J. Ebersole, S.C. Elmendorf, H.E. Epstein, W.A. Gould, R.D. Hollister, M.T. Jorgenson, A. Kade, M.T. Lee, W.H. MacKenzie, R.K. Peet, J.L. Peirce, U. Schickhoff, V.L. Sloan, S.S. Talbot, C.E. Tweedie, S. Villarreal, P.J. Webber & D. Zona. 2016. The Alaska Arctic Vegetation Archive (AK-AVA). *Phytocoenologia* 46: 221-229.
<http://dx.doi.org/10.1127/phyto/2016/0128>
- Tessel, S.M., K.A. Palmquist & R.K. Peet. 2016. Species-area relationships. In D. Gibson, ed., *Oxford Bibliographies in Ecology*, Oxford University Press. DOI: 10.1093/obo/9780199830060-0147,
<http://www.oxfordbibliographies.com/view/document/obo-9780199830060/obo-9780199830060-0147.xml>
- Bretfeld, M., S.B. Franklin & R.K. Peet. 2016. A multiple-scale assessment of long-term aspen persistence and elevational range shifts in the Colorado Front Range. *Ecological Monographs* 86:244-260
- Goldsmith, G.R., N. Morueta-Holme, B. Sandel, E.D. Fitz, S.D. Fitz, B. Boyle, N. Casler, R. Condit, S. Dolins, J.C. Donoghue, K. Engemann, P.M. Jørgensen, N.J.B. Kraft, A. Marcuse-Kubitza, B. McGill, M. Narro, R.K. Peet, W.H. Piel, J. Regetz, M. Schildhauer, N. Spencer, J.-C. Svenning, B.M. Theirs, C. Violle, S.K. Wisser & B.J. Enquist. 2016. Plant-O-Matic: A dynamic and mobile field guide to all plants of the Americas. *Methods in Ecology and Evolution* 7: 960-965.
DOI: [10.1111/2041-210X.12548](https://doi.org/10.1111/2041-210X.12548)
- Brown, R., L.A.J. Reilly & R.K. Peet. 2016. Species Richness: small scale. In: Encyclopedia of Life Sciences, John Wiley & Sons, Ltd, Chichester, UK.
<http://onlinelibrary.wiley.com/doi/10.1002/9780470015902.a0020488.pub2/abstract>
- Morueta-Holme, N., B. Blonder, B. Sandel, B.J. McGill, R.K. Peet, J.E. Ott, C. Violle, B.J. Enquist, P.M. Jørgensen & J.-C. Svenning. 2016. A network approach for inferring species associations from co-occurrence data. *Ecography* 39:1139-1150.
<http://onlinelibrary.wiley.com/doi/10.1111/ecog.01892/full>
- Wheeler, B.E. & R.K. Peet. 2016. A multi-scale analysis of plant diversity along soil nutrient gradients. Pages 425-444 in E.O. Box, ed. *Vegetation structure and function at multiple spatial, temporal and conceptual scales. Geobotanical Studies*. Springer-Verlag.
<http://www.springer.com/us/book/9783319214511>
- Doughty, C., A. Wolf, N. Morueta-Holme, P.M. Jørgensen, B. Sandel, C. Violle, B. Boyle, N. Kraft, R.K. Peet, B.J. Enquist, J.-C. Svenning, S. Blake & M. Galetti. 2016. Megafauna extinction, tree species range reduction, and carbon storage in Amazonian forests. *Ecography* 39: 194-203. <http://onlinelibrary.wiley.com/doi/10.1111/ecog.01587/abstract>
- Engemann, K., B.J. Enquist, P.M. Jørgensen, N. Kraft, A. Marcuse-Kubitza, B. McGill, N. Morueta-Holme, R.K. Peet, B. Sandel, C. Violle, S. Wisser & J.-C. Svenning. 2016. Patterns and drivers

of plant functional group dominance across the Western Hemisphere – a macroecological re-assessment based on a massive novel botanical dataset. *Botanical Journal of the Linnean Society* 180: 141-160. <http://onlinelibrary.wiley.com/doi/10.1111/boj.12362/full>

- Palmquist, K.A., R.K. Peet & S.C. Carr. 2016. Xeric Longleaf Pine Vegetation of the Atlantic and East Gulf Coast Coastal Plain: an Evaluation and Revision of Associations within the U.S. National Vegetation Classification. *Proceedings of the U.S. National Vegetation Classification*. <https://proceedings.usnvc.org/articles/57>
- De Cáceres, M., M. Chytrý, E. Agrillo, F. Attorre, Z. Botta-Dukát, J. Capelo, B. Czúcz, J. Dengler, J. Ewald, D. Faber-Langendoen, E. Feoli, S.B. Franklin, R. Gavilán, F. Gillet, F. Jansen, B. Jiménez-Alfaro, P. Krestov, F. Landucci, A. Lengyel, J. Loidi, L. Mucina, R.K. Peet, D.W. Roberts, J. Roleček, J. Schaminée, S. Schmidtlein, J.-P. Theurillat, L. Tichý, D.A. Walker, O. Wildi, W. Willner & S.K. Wiser. 2015. A comparative framework for broad-scale plot-based vegetation classification. *Applied Vegetation Science* 18: 543-560. <http://onlinelibrary.wiley.com/doi/10.1111/avsc.12179/abstract>
- Engemann, K., B.J. Enquist, B. Sandel, B. Boyle, P.M. Jørgensen, N. Morueta-Holme, R.K. Peet, C. Violle & J.-C. Svenning. 2015. Limited sampling hampers ‘big data’ estimation of species richness in a tropical biodiversity hotspot. *Ecology and Evolution* 5:807-820. <http://onlinelibrary.wiley.com/doi/10.1002/ece3.1405/epdf>
- Franklin, S.B., P. Comer, J. Evens, E. Ezcurra, D. Faber-Langendoen, J. Franklin, M. Jennings, C. Josse, C. Lea, O.L. Loucks, E. Muldavin, R.K. Peet, S. Ponomarenko, D. Roberts, A. Solomeshch, T. Keeler-Wolf, J. Van Kley, A. Weakley & A. McKerrow. 2015. How a national vegetation classification can help ecological research and management. *Frontiers in Ecology and the Environment* 13: 185–186. <http://dx.doi.org/10.1890/15.WB.006>
- Hupp, C.R., E.R. Schenk, D.E. Kroes, D.A. Willard, P.A. Townsend, & R.K. Peet. 2015. Patterns of floodplain sediment deposition along the regulated lower Roanoke River, North Carolina: Annual, decadal, centennial scales. *Geomorphology* 228:666-680. <http://www.sciencedirect.com/science/article/pii/S0169555X1400525X>
- Kalusová, V., M. Chytrý, R.K. Peet & T.R. Wentworth. 2015. Intercontinental comparison of habitat levels of invasion between temperate North America and Europe. *Ecology* 96: 3363-3373. <http://onlinelibrary.wiley.com/doi/10.1890/15-0021.1/epdf>
- Noss, R., W. Platt, B. Sorrie, D. Means, J. Costanza & R. Peet. 2015. How global biodiversity hotspots may go unrecognized: lessons from the North American Coastal Plain. *Diversity and Distributions* 21: 236-244. <http://onlinelibrary.wiley.com/doi/10.1111/ddi.12278/pdf>
- Palmquist, K.A., R.K. Peet & S.R. Mitchell. 2015. Scale-dependent responses of longleaf pine vegetation to fire frequency and environmental context across two decades. *Journal of Ecology* 103:998-1008. <http://onlinelibrary.wiley.com/doi/10.1111/1365-2745.12412/abstract>

- Brunbjerg, A.K., J. Cavender-Bares, W.L. Eiserhardt, R. Ejrnæs, L.W. Aarssen, H.L. Buckley, E. Forey, F. Jansen, J. Kattge, C. Lane, R.A. Lubke, A.T. Moles, A.L. Monserrat, R.K. Peet, J. Roncal, L. Wootton & J.-C. Svenning. 2014. Multi-scale phylogenetic structure in coastal dune plant communities across the globe. *Journal of Plant Ecology* 7: 101-114. <http://jpe.oxfordjournals.org/content/7/2/101>
- Kalusová, V., M. Chytrý, R. K. Peet & T. R. Wentworth. 2014. Alien species pool influences the level of habitat invasion in intercontinental exchange of alien plants. *Global Ecology and Biogeography* 23:1366-1375. <http://onlinelibrary.wiley.com/doi/10.1111/geb.12209/pdf>
- Lamanna, C.A., B. Blonder, C. Violle, N.J.B. Kraft, B. Sandel, I. Simova, J.C. Donoghue, J.-C. Svenning, B.J. McGill, B. Boyle, V. Buzzard, S. Dolins, P.M. Jørgensen, A. Marcuse-Kubitzka, N. Morueta-Holme, R.K. Peet, W. Piel, J. Regetz, M. Schildhauer, N. Spencer, B.M. Thiers, S.K. Wisser & B.J. Enquist. 2014. Functional trait space and the latitudinal diversity gradient. *Proceedings of the National Academy of Sciences of the United States of America* 111:13745-13750. <http://www.pnas.org/content/111/38/13745>
- Palmquist, K.A., R.K. Peet & A.S. Weakley. 2014. Changes in plant species richness following reduced fire frequency and drought in one of the most species-rich savannas in North America. *Journal of Vegetation Science* 25:1426-1437. <http://onlinelibrary.wiley.com/doi/10.1111/jvs.12186/pdf>
- Peet, R.K., K.A. Palmquist & S.M. Tessel. 2014. Herbaceous layer species richness of southeastern forests and woodlands: Patterns and causes. Chapter 10 in F.S. Gilliam ed. *The herbaceous layer in forests of eastern North America*, Second edition. Oxford University Press, Oxford, UK. Pp. 255-276.
- Peet, R.K., N.L. Christensen & F.S. Gilliam. 2014. Temporal patterns in herbaceous layer communities of the North Carolina Piedmont. Chapter 11 in F.S. Gilliam ed. *The herbaceous layer in forests of eastern North America*, Second edition. Oxford University Press, Oxford, UK. Pp. 277-293.
- Šímová, I., C. Violle, N.J.B. Kraft, D. Storch, J.-C. Svenning, B. Boyle, J.C. Donoghue II, P. Jørgensen, B.J. McGill, N. Morueta-Holme, W.H. Piel, R.K. Peet, J. Regetz, M. Schildhauer, N. Spencer, B. Thiers, S.K. Wisser & B. Enquist. 2014. Shifts in trait means and variances in North American tree assemblages: species richness patterns are loosely related to the functional space. *Ecography* 38:649-658. <http://onlinelibrary.wiley.com/doi/10.1111/ecog.00867/pdf>
- Anderson, D.P., M.G. Turner, S.M. Pearson, T.P. Albright, R.K. Peet & A. Wieben. 2013. Predicting *Microstegium vimineum* invasion in natural plant communities of the southern Blue Ridge Mountains, U.S.A. *Biological Invasions* 15:1217-1230. <http://dx.doi.org/10.1007/s10530-012-0361-3>
- Boyle, B., N. Hopkins, Z. Lu, J.A.R. Garay, D. Mozzherin, T. Rees, N. Matasci, M.L. Narro, W.H. Piel, S.J. Mckay, S. Lowry, C. Freeland, R.K. Peet & B.J. Enquist. 2013. The Taxonomic Name

- Resolution Service: an online tool for automated standardization of plant names. *BMC Bioinformatics* 14:16. <http://www.biomedcentral.com/1471-2105/14/16>
- Lee, M.T & R.K. Peet. 2013. VegBank: a permanent online repository for international plot and relevé data. In Walker, D.A. Breen, A.L., Raynolds, M.K. & Walker, M.D. (eds). Arctic Vegetation Archive (AVA) Workshop, Krakow, Poland, April 14-16, 2013. CAFF Proceedings Report #10. Akureyri, Iceland. ISBN: 978-9935-431-24-0. Pages 66-70.
- Morueta-Holme, N., B.J. Enquist, B.J. McGill, B. Boyle, P.M. Jørgensen, J.E. Ott, R.K. Peet, I. Simova, L. Sloat, B. Thiers, C. Violle, S.K. Wisser, S. Dolins, J.C. Donoghue II, N.J.B. Kraft, J. Regetz, M. Schildhauer, N. Spencer & J.-C. Svenning. 2013. Habitat area and climate stability determine geographic variation in plant species range sizes. *Ecology Letters* 16:1446-1454. <http://dx.doi.org/10.1111/ele.12184>
- Walker, D.A., I.G. Alsos, C. Bay, N. Boulanger-Lapointe, A.L. Breen, H. Bültmann, T. Christiansen, C. Damgaard, F.J.A. Daniëls, S. Hennekens, M. Luoto, L. Pellisier, R.K. Peet, M.K. Raynolds, N.-M. Schmidt, R. Virtanen, N.G. Yoccoz & M.S. Wisz. 2013. Rescuing valuable Arctic vegetation data for biodiversity and ecosystem models. CBIO-NET– IAVD Workshops, Roskilde, Denmark. *Arctic* 66:133-137. <https://search.proquest.com/docview/1326191897/fulltext/21E0E0A3F29C4FCDPQ/20?accountid=14244>
- Dengler, J., J. Oldeland, F. Jansen, F., M. Chytrý, J. Ewald, M. Finckh, F. Glöckler, G. Lopez-Gonzalez, R.K. Peet & J. Schaminée. 2012. Editorial: Facilitating access to vegetation data – Introduction to the Special Volume. *Biodiversity and Ecology* 4: 9-13. <http://dx.doi.org/10.7809/b-e.00055>
- Dengler, J., S. Todorova, T. Becker, S. Boch, M. Chytrý, M. Diekmann, C. Dolnik, C. Dupré, G.P. Giusso, del Galdo, R. Guarino, M. Jeschke, K. Kiehl, A. Kuzemko, S. Löbel, Z. Otýpková, H. Pedashenko, R.K. Peet, E. Ruprecht, A. Szabó, I. Tsiripidis & K. Vassilev. 2012. Database Species-Area Relationships in Palaeartic Grasslands. *Biodiversity and Ecology* 4: 321-322. <http://dx.doi.org/10.7809/b-e.00115>
- Franklin, S., D. Faber-Langendoen, M. Jennings, T. Keeler-Wolf, O.L. Loucks, R. Peet, D. Roberts & A. McKerrow. 2012. Building the United States National Vegetation Classification. *Annali di Botanica* 2: 1-9. <http://ojs.uniroma1.it/index.php/Annalidibotanica/article/view/9261/9881>
- Glöckler, F., J. Dengler, F. Jansen, J. Oldeland & R.K. Peet. 2012. Guide to GIVD's Fact Sheets. *Biodiversity and Ecology* 4: 83-88. <http://dx.doi.org/10.7809/b-e.00062>
- Jansen, F., F. Glöckler, M. Chytrý, M. De Cáceres, J. Ewald, M. Finckh, G. Lopez-Gonzalez, J. Oldeland, R.K. Peet, J.H.J. Schaminée & J. Dengler. 2012. News from the Global Index of Vegetation-Plot Databases (GIVD): the metadata platform, available data, and their properties. *Biodiversity and Ecology* 4: 77-82. <http://dx.doi.org/10.7809/b-e.00061>

- Peet, R.K., M.T. Lee, M.D. Jennings & D. Faber-Langendoen. 2012a. VegBank – a permanent, open-access archive for vegetation-plot data. *Biodiversity and Ecology* 4: 233-241. <http://dx.doi.org/10.7809/b-e.00080>
- Peet, R.K., M.T. Lee, M.F. Boyle, T.R. Wentworth, M.P. Schafale & A.S. Weakley. 2012b. Vegetation-plot database of the Carolina Vegetation Survey. *Biodiversity and Ecology* 4: 243-253. <http://dx.doi.org/10.7809/b-e.00081>
- Peet, R.K. & D.W. Roberts. 2012. Classification of natural and semi-natural vegetation. Chapter 2 in J. Franklin & E. van der Maarel, eds. *Vegetation Ecology*. Second edition. Oxford University Press, New York, New York. Pages 28-70.
- Wilson, J.B., R.K. Peet J. Dengler & M. Pärtel. 2012. Plant species richness: the world records. *Journal of Vegetation Science* 23: 796-802. <http://dx.doi.org/10.1111/j.1654-1103.2012.01400.x>
- Xi, W., R.K. Peet & D.L. Urban. 2012. The Impacts of a Large, Infrequent Hurricane on Understory Sapling Dynamics and Diversity in North Carolina Piedmont Forests, USA. In: Xi W-M (Ed.), *Forest Restoration. Tree and Forestry Science and Biotechnology* 6 (Special Issue 1): 51-59.
- Costanza, J.K., A. Moody & R.K. Peet. 2011. Multi-scale environmental heterogeneity as a predictor of plant species richness. *Landscape Ecology* 26: 851-864. <http://dx.doi.org/10.1007/s10980-011-9613-3>
- Matthews, E.M., R.K. Peet & A.S. Weakley. 2011. Classification and description of alluvial plant communities of the Piedmont region, North Carolina, U.S.A. *Applied Vegetation Science* 14: 485-505. <http://dx.doi.org/10.1111/j.1654-109x.2011.01150.x>
- Dengler, J., J. Ewald, I Kühn & R.K. Peet. 2011. Ecoinformatics and global change -- an overdue liaison. *Journal of Vegetation Science* 22: 577-581. <http://dx.doi.org/10.1111/j.1654-1103.2011.01313.x>
- Dengler, J., F. Jansen, F. Glöckler, R.K. Peet, M. De Cáceres, M. Chytrý, J. Ewald, J. Oldeland, M. Finckh, M. Mucina, J.H.J. Schaminée, J.H.J. & N. Spencer. 2011. The Global Index of Vegetation-Plot Databases (GIVD): a new resource for vegetation science. *Journal of Vegetation Science* 22: 582-597. <http://dx.doi.org/10.1111/j.1654-1103.2011.01265.x>
- Wiser, S.K., N. Spencer, M. De Cáceres, M. Kleikamp, B. Boyle & R.K. Peet. 2011. Veg-X -- An international exchange standard for plot-based vegetation data. *Journal of Vegetation Science* 22:598-609. <http://dx.doi.org/10.1111/j.1654-1103.2010.01245.x>
- Mantey M., J.D. Fridley & R.K. Peet. 2011. Niche expansion after competitor extinction? A comparative assessment of habitat generalists and specialists in the tree floras of south-eastern North America and south-eastern Europe. *Journal of Biogeography* 38: 840-853. <http://dx.doi.org/10.1111/j.1365-2699.2010.02450.x>

- Xi, Weimin & R.K. Peet. 2011. The complexity of catastrophic wind impacts on temperate forests. In Anthony Lupo (ed.). *Recent Hurricane Research - Climate, Dynamics and Societal Impacts*. Chapter 27, pp 503-534. IN-TECH, Vienna, Austria. ISBN 978-953-307-238-8. <http://www.intechopen.com/articles/show/title/the-complexity-of-catastrophic-wind-impacts-on-temperate-forests>
- Carr, S.C., K.M. Robertson & R.K. Peet. 2010. A vegetation classification of fire-dependent pinelands of Florida. *Castanea* 75: 153-189. <http://dx.doi.org/10.2179/09-016.1>
- Fridley, J.D., A.R. Senft & R.K. Peet. 2009. Vegetation structure of field margins and adjacent forests in agricultural landscapes of the North Carolina Piedmont (USA). *Castanea* 74: 327-339. <http://dx.doi.org/10.2179/08-057R1.1>
- Carr, S.C., K.M. Robertson, W.J. Platt & R.K. Peet. 2009. A model of geographic, environmental and regional variation in vegetation composition of pyrogenic pinelands of Florida. *Journal of Biogeography* 36: 1600-1612. <http://dx.doi.org/10.1111/j.1365-2699.2009.02085.x>
- Hupp, C.R., E.R. Schenk, J.M. Richter, R.K. Peet & P.A. Townsend. 2009. Bank erosion along the dam-regulated lower Roanoke River, North Carolina. Chapter 6 in L.A. James, S.L. Rathburn and G.R. Whittecar (eds.). *Management and restoration of fluvial systems with broad historical changes and human impacts*. Geological Society of America Special Paper 451: 97-108. [http://dx.doi.org/10.1130/2009.2451\(06\)](http://dx.doi.org/10.1130/2009.2451(06))
- Franz, N.M. & R.K. Peet. 2009. Towards a language for mapping relationships among taxonomic concepts. *Systematics and Biodiversity* 7: 5-20. <http://dx.doi.org/10.1017/S147720000800282X>
- Jennings, M.D., D. Faber-Langendoen, O.L. Loucks, R.K. Peet & D. Roberts. 2009. Standards for associations and alliances of the U.S. National Vegetation Classification. *Ecological Monographs* 79: 173-199. <http://dx.doi.org/10.1890/07-1804.1>
- Jennings, M.D., D. Faber-Langendoen, R.K. Peet, O.L. Loucks, D.C. Glenn-Lewin, A. Damman, M.G. Barbour, R. Pfister, D.H. Grossman, D. Roberts, D. Tart, M. Walker, S.S. Talbot, J. Walker, G.S. Hartshorn, G. Waggoner, M.D. Abrams, A. Hill & M. Rejmank. 2008. Description, documentation, and evaluation of associations and alliances within the U.S. National Vegetation Classification. Special publication. Ecological Society of American, Washington, D.C.
- Peet, R.K. 2008. A decade of effort by the ESA Vegetation Panel leads to a new federal standard. *ESA Bulletin* 89(3): 210-211. [http://dx.doi.org/10.1890/0012-9623\(2008\)89\[210:adoebt\]2.0.co;2](http://dx.doi.org/10.1890/0012-9623(2008)89[210:adoebt]2.0.co;2)
- Xi, W. & R.K. Peet. 2008. Hurricane effects on the Piedmont forests: patterns and implications. *Ecological Restoration* 26: 295-298. <http://dx.doi.org/10.3368/er.26.4.295>
- Xi, W., R.K. Peet, J.K. DeCoster D.L. Urban. 2008. Tree damage risk factors associated with large, infrequent wind disturbances of Carolina forests. *Forestry* 81: 317-334.

- Franz, N.M., R.K. Peet & A.S. Weakley. 2008. On the use of taxonomic concepts in support of biodiversity research and taxonomy. Chapter 5, pages 63-86 in: Wheeler, Q. D., Ed., *The New Taxonomy*. CRC Press, Boca Raton, FL.
<http://dx.doi.org/10.1201/9781420008562.ch5>
- Xi, W., R.K. Peet & D.L. Urban. 2008. Changes in forest structure, species diversity, and spatial pattern following hurricane disturbance in a Piedmont North Carolina forest, USA. *Journal of Plant Ecology* 1: 43-57.
- Xi, W. & R.K. Peet. 2008. Long-term studies of forest dynamics in the Duke Forest, southeastern United States: A synthesis. *Journal of Plant Ecology* (Chinese version) 32(2): 299-318.
- Brown, R.L. L.A. Jacobs & R.K. Peet. 2007. Species richness: small scale. *Encyclopedia of Life Science*. Wiley InterScience. <http://dx.doi.org/10.1002/9780470015902.a0020488>
- Fridley, J.D., D.B. Vandermast, D.M. Kuppinger, M. Manthey & R.K. Peet. 2007. Co-occurrence-based assessment of habitat generalists and specialists: a new approach for the measurement of niche width. *Journal of Ecology* 95: 707-722.
<http://dx.doi.org/10.1111/j.1365-2745.2007.01236.x>
- Palmer, M.W., R.K. Peet, R.A. Reed, W. Xi & P.S. White. 2007. A multiscale study of vascular plants in a North Carolina Piedmont forest. *Ecology* 88: 2674. [see *Ecological Archives* E088-162.] <http://dx.doi.org/10.1890/07-0796.1>
- Gilliam, F.S., W.J. Platt & R.K. Peet. 2006. Natural disturbances and the physiognomy of pine savannas: A phenomenological model. *Applied Vegetation Science* 9: 83-96.
<http://dx.doi.org/10.1111/j.1654-109x.2006.tb00658.x>
- Fridley, J.D., R.K. Peet, E. van der Maarel & J.H. Willems. 2006. Integration of local and regional species-area relationships from space-time species accumulation. *American Naturalist* 168: 133-143. <http://dx.doi.org/10.1086/505761>
- Graves, J.H., R.K. Peet & P.S. White. 2006. The influence of carbon - nutrient balance on herb and woody plant abundance in temperate forest understories. *Journal of Vegetation Science* 17: 217-226. <http://dx.doi.org/10.1111/j.1654-1103.2006.tb02440.x>
- Peet, R.K. Ecological classification of longleaf pine woodlands. 2006. Chapter 3, pp. 51-93 in: *Longleaf pine ecosystems: ecology, management, and restoration*. S. Jose, E. Jokela and D. Miller. Eds. Springer, New York. http://dx.doi.org/10.1007/978-0-387-30687-2_3
- Fridley, J.D., R.K. Peet, T.R. Wentworth & P.S. White. 2005. Connecting fine- and broad-scale patterns of species diversity: species-area relationships of Southeastern U.S. flora. *Ecology* 86: 1172-1177. <http://dx.doi.org/10.1890/03-3187>
- Taverna, K., R.K. Peet & L. Phillips. 2005. Long-term change in ground-layer vegetation of deciduous forests of the North Carolina Piedmont, USA. *Journal of Ecology* 93: 202-213.
<http://dx.doi.org/10.1111/j.0022-0477.2004.00965.x>
- Peet, R.K. 2005. Crises and opportunities: A scientist's view of scholarly communication. UNC Scholarly Communications Convocation.
<http://www.unc.edu/scholcomdig/whitepapers/peet.pdf>

- Peet, R.K. & S. Carr. 2004. Fire-adapted pineland vegetation of northern and central Florida: A framework for inventory, management and restoration. Final report for Florida Fish and Wildlife Commission Project NG 98-016. 129pp.
<http://labs.bio.unc.edu/Peet/pubs/Peet&Carr2004.pdf>
- Peet, R.K., J.D. Fridley & J.M. Gramling. 2003. Variation in species richness and species pool size across pH gradients in forests of the Southern Blue Ridge Mountains. *Folia Geobotanica* 38: 391-401. <http://dx.doi.org/10.1007/bf02803247>
- Brown, R.L. & R.K. Peet. 2003. Diversity and invasibility of southern Appalachian plant communities. *Ecology* 84: 32-39.
[http://dx.doi.org/10.1890/0012-9658\(2003\)084\[0032:daiosa\]2.0.co;2](http://dx.doi.org/10.1890/0012-9658(2003)084[0032:daiosa]2.0.co;2)
- McDonald, R.I., R.K. Peet & D.L. Urban. 2003. Spatial pattern of *Quercus* regeneration limitation and *Acer rubrum* invasion in a Piedmont forest. *Journal of Vegetation Science* 14: 441-450.
<http://dx.doi.org/10.1111/j.1654-1103.2003.tb02170.x>
- McDonald, R.I., R.K. Peet & D.L. Urban. 2002. Environmental correlates of oak decline and red maple increase in the North Carolina Piedmont. *Castanea* 67: 84-95.
- McMillan, P.D., R.K. Peet, R.D. Porcher & B.A. Sorrie. 2002. Noteworthy botanical collections from the fire-maintained and wetland communities of the coastal plain of the Carolinas and Georgia. *Castanea* 67: 61-83.
- Peet, R.K. 2000. Forests of the Rocky Mountains. In M.G. Barbour & W.D. Billings (editors). *North American terrestrial vegetation*. Second edition. Cambridge University Press. Pp 75-121.
- Newell, C.L., R.K. Peet, C.J. Ulrey, T.R. Wentworth, K.D. Patterson & D.E. McLeod. 1999. Geographic variation in forest distribution across five landscapes in the Southern Appalachian Mountains of North and South Carolina. In R.P. Eckerlin (ed.). *Proceedings of the Appalachian Biogeography Symposium*. Pp 19-34.
- Baldwin, J.D., R.K. Peet & L.F. Pitelka. 1999. Reply (To: Identify tardy reviewers). *Bulletin of the Ecological Society of America* 80: 210.
- Peet, R.K. 1999. What should Ecology and Ecological Monographs publish? *Bulletin of the Ecological Society of America*. 80: 4-6.
- Newell, C.L. & R.K. Peet. 1998. Vegetation of Linville Gorge Wilderness, North Carolina. *Castanea* 63: 275-322.
- Platt, W. & R.K. Peet. 1998. Ecological concepts in conservation biology: lessons from Southeastern Ecosystems. *Ecological Applications* 8: 907-908.
- Peet, R.K., T.R. Wentworth & P.S. White. 1998. A flexible, multipurpose method for recording vegetation composition and structure. *Castanea* 63: 262-274.

- Peet, R.K. 1998. ESA Journals: Evolution and revolution. *Bulletin of the Ecological Society of America* 79: 177-181.
- Turner, M.G., W.L. Baker, C.J. Peterson & R.K. Peet. 1998. Factors influencing succession: Lessons from large, infrequent natural disturbances. *Ecosystems* 1: 511-523.
<http://dx.doi.org/10.1007/s100219900047>
- Wiser, S.K., R.K. Peet & P.S. White. 1998. Prediction of rare plant occurrences: A Southern Appalachian example. *Ecological Applications* 8: 909-920.
[http://dx.doi.org/10.1890/1051-0761\(1998\)008\[0909:porpoa\]2.0.co;2](http://dx.doi.org/10.1890/1051-0761(1998)008[0909:porpoa]2.0.co;2)
- Baker-Brosh, K & R.K. Peet. 1997. The ecological significance of lobed and toothed leaves in temperate forest trees. *Ecology* 78: 1250-1255. <http://dx.doi.org/10.2307/2265874>
- Wiser, S.K., R.K. Peet & P.S. White. 1996. High-elevation rock outcrop vegetation of the Southern Appalachian Mountains. *Journal of Vegetation Science* 7: 703-722.
<http://dx.doi.org/10.2307/3236382>
- Wilson, J.B., M.T. Sykes & R.K. Peet 1995. Time and space in the community structure of a species-rich grassland. *Journal of Vegetation Science*. 6: 729-740.
<http://dx.doi.org/10.2307/3236444>
- Wilson, J.B., R.K. Peet & M.T. Sykes. 1995. What constitutes evidence of community structure? A reply to van der Maarel, Noest and Palmer. *Journal of Vegetation Science* 6: 753-758.
<http://dx.doi.org/10.2307/3236446>
- van der Maarel, E. & R.K. Peet. 1995. The Journal of Vegetation Science in 1995 – with some remarks on citation statistics. *Journal of Vegetation Science* 6:1-2.
<http://dx.doi.org/10.1111/j.1654-1103.1995.tb00413.x>
- Klötzli, F., R.K. Peet & E. van der Maarel. 1994. The Journal of Vegetation Science: Volume 5. *Journal of Vegetation Science* 5: 1-4.
<http://dx.doi.org/10.1111/j.1654-1103.1993.tb01154.x>
- Sykes, M.T., E. van der Maarel, R.K. Peet & J. Willems. 1994. High species mobility in species-rich plant communities: an intercontinental comparison. *Folia Geobotanica Phytotaxonomica* 29: 439-448.
- Peet, R.K. & D.J. Allard. 1993. Longleaf pine vegetation of the Southern Atlantic and Eastern Gulf Coast regions: A preliminary classification. *Proceedings of the Tall Timbers Fire Ecology Conference* 18:45–81.
- Peet, R.K. 1993 A taxonomic study of *Aristida stricta* and *A. beyrichiana*. *Rhodora* 95: 25-37.
- Peet, R.K. 1993 A taxonomic study of *Aristida stricta* and *Aristida beyrichiana*: addendum. *Rhodora* 95: 189-190

- Klötzli, F., E. van der Maarel & R.K. Peet. 1993. The Journal of Vegetation Science: Volume 4. *Journal of Vegetation Science* 4: 1-4. <http://dx.doi.org/10.1111/j.1654-1103.1993.tb01154.x>
- Reed, R.A., R.K. Peet, M.W. Palmer & P.S. White. 1993. Scale dependence of vegetation-environment correlations in a Piedmont woodland, North Carolina, USA. *Journal of Vegetation Science* 4: 329-340. <http://dx.doi.org/10.2307/3235591>
- Willems, J.H., R.K. Peet & L. Bik. 1993. Differences in chalk grassland structure and species richness resulting from selective nutrient additions. *Journal of Vegetation Science* 4: 203-212. <http://dx.doi.org/10.2307/3236106>
- Zobel, K., M. Zobel & R.K. Peet. 1993. Changes in pattern diversity during secondary succession in Estonian forests. *Journal of Vegetation Science* 4: 489-498. <http://dx.doi.org/10.2307/3236076>
- Peet, R.K. 1992. Community structure and ecosystem properties. Pages 102-151 in D. C. Glenn-Lewin, R.K. Peet & T.T. Veblen (editors). *Plant succession: theory and prediction*. Chapman and Hall, London.
- Wentworth, T.R., M.P. Schafale, A.S. Weakley, R.K. Peet, P.S. White & C.C. Frost. 1992. A preliminary classification of North Carolina barrier island forests. In: *Maritime forest ecosystems*. U.S. National Park Service.
- Klötzli, F., R.K. Peet & E. van der Maarel. 1992. The Journal of Vegetation Science: Volume 3. *Journal of Vegetation Science* 3: 1-4. <http://dx.doi.org/10.1111/j.1654-1103.1992.tb00701.x>
- Beatty, Susan W., Robert K. Peet, and Thompson Webb III. 1991. Walter Emil Westman 1945-1991. *Journal of Vegetation Science* 2:141-142.
- van der Maarel, E & R.K. Peet. 1991. Robert Neuhäusl dead. *Journal of Vegetation Science* 2: 429. <http://dx.doi.org/10.2307/3235942>
- Peet, R.K. 1991. Lessons from nature: case studies in natural systems. Pages 605-615 in L.A. Real & J.H. Brown (editors). *Foundations of ecology: classic papers with commentaries*. University of Chicago Press, Chicago, IL.
- Allen, R.B., R.K. Peet & W.L. Baker. 1991. Gradient analysis of latitudinal variation in Southern Rocky Mountain forests. *Journal of Biogeography* 18: 123-139. <http://dx.doi.org/10.1139/b90-026>
- Allen, R.B. & R.K. Peet. 1990. Gradient analysis of forests of the Sangre de Cristo Range, Colorado. *Canadian Journal of Botany* 68: 193-201. <http://dx.doi.org/10.1139/b90-026>
- Peet, R.K. 1990. Collections in the future will be electronic. *The Scientist* 4(9): 17, 19.
- Westman, W.E., R.K. Peet & Gene E. Likens. 1990. Robert H. Whittaker 1920-1980. *National Academy of Sciences Biographical Memoirs* 1990: 424-444.

<http://www.nasonline.org/publications/biographical-memoirs/memoir-pdfs/whittaker-robert-h.pdf>

Peet, R.K. 1989. An experiment in lower journal prices. *Newsletter on Serials Pricing Issues* 13.9. <https://web.archive.org/web/19991013041045/http://www.lib.unc.edu/prices/1989/PRIC13.HTML#13.9> .

Knox, R.G. & R.K. Peet. 1989. Bootstrapped ordination: A method for estimating sampling effects in indirect gradient analysis. *Vegetatio* 80: 153-165. <http://dx.doi.org/10.1007/bf00048039>

Knox, R.G., R.K. Peet & N.L. Christensen. 1989. Population dynamics in loblolly pine stands: changes in skewness and size inequality. *Ecology* 70: 1153-1166. <http://dx.doi.org/10.2307/1941383>

Peet, R.K., R.G. Knox, J.S. Case & R.B. Allen. 1988. Putting things in order: The advantages of detrended correspondence analysis. *The American Naturalist* 131: 924-934. <http://dx.doi.org/10.1086/284833>

Peet, R.K. 1988. Forests of the Rocky Mountains. Pages 63-102 in M.G. Barbour & W.D. Billings (editors). *North American terrestrial vegetation*. Cambridge University Press.

Peet, R.K. & N.L. Christensen. 1988. Changes in species diversity during secondary forest succession on the North Carolina piedmont. Pages 233-245 in H.J. During, M.J.A. Werger & J.H. Willems (editors). *Diversity and pattern in plant communities*. SPB Academic Publishing. The Hague.

Peet, R.K. & N.L. Christensen. 1987. Competition and tree death. *BioScience* 37: 586-595. [Reprinted in NCASI Technical Bulletin No. 543 - March 1988.] <http://dx.doi.org/10.2307/1310669>

Frost, C., J. Walker & R.K. Peet. 1986. Fire-dependent savannas and prairies of the southeast: Original extent, preservation status and management problems. Pages 348-357 in D.L. Kulhavy and R.N. Conner (editors). *Wilderness and natural areas in the eastern United States*. Center for Applied Studies. Nacogdoches, Texas. <https://scholarworks.sfasu.edu/cgi/viewcontent.cgi?article=1215&context=forestry>

Peet, R.K., D.C. Glenn-Lewin, F. Stearns & P.C. Kangas. 1985. The academic job market for ecologists: observations from four search committees. *Bulletin of the Ecological Society of America* 66: 2-5.

Christensen, N.L. & R.K. Peet. 1984. Measurement of diversity. Pages 43-58 in J.L. Cooley and J.H. Cooley (editors), *Natural diversity in forest ecosystems*. Institute of Ecology, University of Georgia, Athens, Georgia.

Parker, A.J. & R.K. Peet. 1984. Size and age structure of conifer forests. *Ecology* 65: 1685-1689. <http://dx.doi.org/10.2307/1939148>

- Peet, R. K. 1984. Twenty-six years of change in a *Pinus strobus*, *Acer saccharum* forest, Lake Itasca, Minnesota. *The Bulletin of the Torrey Botanical Club* 111: 61-68.
<http://dx.doi.org/10.2307/2996212>
- Christensen, N.L. & R.K. Peet. 1984. Convergence during secondary forest succession. *Journal of Ecology* 72: 25-36. <http://dx.doi.org/10.2307/2260004>
- Walker, J. & R.K. Peet. 1983. Composition and species diversity of pine - wiregrass savannas of the Green Swamp, North Carolina. *Vegetatio* 55: 163-179.
<http://dx.doi.org/10.1007/bf00045019>
- Peet, R.K., D.C. Glenn-Lewin and J.W. Wolf. 1983. Prediction of man's impact on plant species diversity: A challenge for vegetation science. Pages 41-54 in W. Holzner, M.J.A. Werner and I. Ikusima (editors). *Man's impact on vegetation*. Junk, The Hague.
- Westman, W.E. & R.K. Peet. 1982. Robert H. Whittaker (1920-1980): The man and his work. *Vegetatio* 48: 97-122. <http://dx.doi.org/10.1007/bf00726879>
- Peet, R.K. 1981. Changes in biomass and production during secondary forest succession. Pages 324-338 in D. West, H. Shugart & D. Botkin (editors). *Forest succession: Concept and applications*. Springer-Verlag, NY.
http://dx.doi.org/10.1007/978-1-4612-5950-3_20
- Christensen, N.L. & R.K. Peet. 1981. Secondary forest succession on the North Carolina piedmont. Pages 230-245 in D. West, H. Shugart & D. Botkin (editors). *Forest Succession: Concept and applications*. Springer-Verlag, NY
http://dx.doi.org/10.1007/978-1-4612-5950-3_15
- Peet, R.K. & O.P. Council. 1981. Rates of biomass accumulation in North Carolina piedmont forests. North Carolina Energy Institute, Triangle Research Park, NC.
- Peet, R.K. 1981. Forest vegetation of the northern Colorado Front Range: Composition and dynamics. *Vegetatio* 45: 3-75. <http://dx.doi.org/10.1007/BF00240202>
- Peet, R.K. & N.L. Christensen. 1980. Hardwood forest vegetation of the North Carolina piedmont. *Veröff. Geobot. Inst. ETH Stiftung Rübel* 69: 14-39.
- Peet, R.K. & N.L. Christensen. 1980. Succession: A population process. *Vegetatio* 43: 131-140.
<http://dx.doi.org/10.1007/bf00121025>
- Peet, R.K. 1980. Ordination as a tool for analyzing complex data sets. *Vegetatio* 42: 171-174.(Also, *Advances in Vegetation Science* 2, Classification and Ordination).
http://dx.doi.org/10.1007/978-94-009-9197-2_20
- Peet, R.K. 1980. A bibliography of the vegetation of the Carolinas: Supplement I. *Veröff. Geobot. Inst. ETH Stiftung Rübel* 69:183-185.
- Peet, R.K. 1979. A bibliography of the vegetation of the Carolinas. *Veröff. Geobot. Inst. ETH Stiftung Rübel* 68:263-297.

- Peet, R.K. 1978. Latitudinal variation in southern Rocky Mountain forests. *Journal of Biogeography* 5: 275-289. <http://dx.doi.org/10.2307/3038041>
- Peet, R.K. 1978. Forest vegetation of the Colorado Front Range: Patterns of species diversity. *Vegetatio* 37: 65-78. <http://dx.doi.org/10.1007/bf00126830>
- Peet, R.K. 1978. Ecosystem convergence. *American Naturalist* 112:441-444. <http://dx.doi.org/10.1086/283285>
- Peet, R.K. & O.L. Loucks. 1977. A gradient analysis of southern Wisconsin upland forests. *Ecology* 58: 485-499. <http://dx.doi.org/10.2307/1938999>
- Peet, R.K. 1975. Relative diversity indices. *Ecology* 56: 496-498. <http://dx.doi.org/10.2307/1934984>
- Peet, R.K. 1974. The measurement of species diversity. *Annual Review of Ecology and Systematics* 5: 285-307. [Citation Classic]
- Peet, R.K. 1971. The presettlement vegetation of Rock County, Wisconsin. *Michigan Botanist* 10: 150-154.

Book Reviews

- Peet, R.K. 1996. A personal perspective on biodiversity. Review of M.A. Huston. Biological diversity: coexistence of species on changing landscapes. Cambridge University Press. *Conservation Biology* 10:691-692. <http://dx.doi.org/10.1046/j.1523-1739.1996.10020687-5.x>
- Peet, R.K. 1990. Eastern North America as seen by a botanist: Pictorial. I. The Arctic Region. II. The Wooded Regions. (Review of In-Cho Chung, 1989). *Journal of Vegetation Science* 1:285-286. <http://dx.doi.org/10.2307/3235668>
- Peet, R.K. 1989. A theory of plant communities: the second approximation (Review of D. Tilman. *Plant strategies and the dynamics and structure of plant communities*) *Ecology* 70:520-521. <http://dx.doi.org/10.2307/1937560>
- Peet, R.K. 1987. Review of: *Forest dynamics research in Western and Central Europe*. J. Fanta (editor). *Vegetatio* 72:61. <http://dx.doi.org/10.1007/BF00044953>
- Peet, R.K. 1987. Review of: *Research data management in the ecological sciences*. W.K. Michener (editor). *Vegetatio* 72:62-63. <http://dx.doi.org/10.1007/BF00044953>
- Peet, R.K. 1987. Review of: *Ecology of an oak forest in Hungary: results of "Sikfokut Project" 1 - Structure production and mineral cycling*. P. Jakucs (editor). *Vegetatio* 71: 62-63. <http://dx.doi.org/10.1007/BF00048512>
- Peet, R.K. 1984. Ecology of temperate evergreen forests. *Ecology* 65:1334. <http://dx.doi.org/10.2307/1938339>

Peet, R.K. 1978. Ecological Succession. *Quarterly Review of Biology* 53: 187.
<http://dx.doi.org/10.1086/410549>

Peet, R.K. 1976. The legacy of MacArthur. *Ecology* 57: 613-614.
<http://dx.doi.org/10.2307/1936447>

Peet, R.K. 1976. *Sedum*, and a philosophy of science. *Ecology* 57: 831-832.
<http://dx.doi.org/10.2307/1936200>