**NE1833 Annual Meeting Report 2020**

**2020 Publications**

Clark, S.L., Schlarbaum, S.E., Saxton, A.M., Baird, R. 2019. Eight-year blight (Cryphonectria parasitica) resistance of backcross-generation American chestnuts (Castanea dentata) planted in the southeastern United States. Forest Ecology and Management 433: 153-161.

Clark, S.L., Schlarbaum, S.E., and Clark, J.D. 2019. Could restoration of the American chestnut remodel our wildlife landscape? The Wildlife Professional 13(4): 52-56.

Clark, S.L.; Schlarbaum, S.E.; Crane, B.S.; Pinchot, C.C.; Schaberg, P.G.; Thomas-Van Gundy, M. 2020. Restoration of the American chestnut will require more than a blight-resistant tree. In: Pile, L.S.; Deal, R.L.; Dey, D.C.; Gwaze, D.; Kabrick, J.M.; Palik, B.J.; Schuler, T.M., comps. The 2019 National Silviculture Workshop: a focus on forest management-research partnerships. Gen. Tech. Rep. NRS-P-193. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station: 38-40.

Crouch, J.A., Dawe, A., Aerts, A., Barry, K., Churchill, A.C.L., Grimwood, J., Hillman, B.I., Milgroom, M.G., Pangilinan, J., Smith, M., Salamov, A., Schmutz, J., Yadav, J.S., Grigoriev, I.V., and Nuss, D.L. 2020. Genome sequence of the chestnut blight fungus *Cryphonectria parasitica* EP155: A fundamental resource for an archetypical invasive plant pathogen. *Phytopathology*, 110(6):1180-1188. doi: 10.1094/PHYTO-12-19-0478-A.

Hillman B I. and Cohen, A. 2019. Mitoviruses. Encyclopedia of Virology, 5 vols. (B.W.J. Mahy and M.H.V. Van Regenmortel, Editors), Oxford: Elsevier. 16 pp text, 8 figures. In press. eBook ISBN: 9780128145166.

Hillman B I. and Cohen, A. 2019. Mycoreoviruses. Encyclopedia of Virology, 5 vols. (B.W.J. Mahy and M.H.V. Van Regenmortel, Editors), Oxford: Elsevier. 16 pp text, 3 figures. In press. eBook ISBN: 9780128145166.

Hillman, B.I. and Milgroom, M.G. The ecology and evolution of fungal viruses. *In:* Studies in Viral Ecology, 2nd Edition C.J. Hurst, ed. John Wiley & Sons, NY. 48 pp text, 7 figures, 1 table. In press.

Merkle, S.A., F.J. Vieitez, E. Corredoira and J.E. Carlson. 2020. Castanea spp. Chestnut. In: Biotechnology of Fruit and Nut Crops, 2nd Edition (R.E. Litz, F. Pliego-Alfaro and J.I. Hormaza, eds.). CAB International, Wallingford, pp. 206-237.

Pinchot, C.C.; Royo, A.A.; Schlarbaum, S.E.; Peters, M.P.; Sharp, A.M.; Anagnostakis, S.L. 2020. The effect of site quality on performance of American Chestnut (*Castanea dentata*) seedlings bred for blight (*Cryphonectria parasitica*) resistance. In: Nelson, D.C.; Koch, J.L.; Sniezko, R.A., eds. Proceedings of the Sixth International Workshop on the Genetics of Host-Parasite Interactions in Forestry—Tree Resistance to Insects and Diseases: Putting Promise into Practice. Gen. Tech. Rep. SRS–252. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station.

Pinchot, C.; Schlarbaum, S.; Tepke, S. 2020. Using oak silviculture to reintroduce American chestnut. Chestnut: The Journal of The American Chestnut Foundation. 34(2): 26-28.

Staton, M., Addo-Quaye, C, Cannon, N., Yu, J., Zhebentyayeva, T., Huff, M., Islam Faridi, N., Fan, S., Georgi, L.L., Nelson, C.D. Bellis, E. Fitzsimmons, S. Henry, N. Drautz-Moses, D. Noorai, R.E. Ficklin, S. Saski, C. Mandal, M. Wagner T.K. Zembower, N. Bodenes, C. Holliday, J. Westbrook, J. Lasky, J. Hebard, F.V. Schuster, S.C. Abbott, A.G. andCarlson, J.E. 2020. A reference genome assembly and adaptive trait analysis of Castanea mollissima ‘Vanuxem,’ a source of resistance to chestnut blight in restoration breeding. Tree Genetics & Genomes 16 (4):16-57. <https://doi.org/10.1007/s11295-020-01454-y>

Zhang, S., P. Bettinger, C. Cieszewski, S. Merkle, K. Merry, S. Obata, X. He and H. Zheng. 2019. Evaluation of sites for the reestablishment of the American chestnut (*Castanea dentata*) in northeast Georgia, USA. Landscape Ecol. 34:943-960.