

### 1. Journal Articles and Patents

1. Aipperspach, A., J. Hammond, H. Hatterman-Valenti. 2020. Utilizing pruning and leaf removal to optimize ripening of *Vitis riparia*-based 'Frontenac Gris' and 'Marquette' wine grapes in the Northern Great Plains. *Horticulturae* 6(1):18. <https://doi.org/10.3390/horticulturae6010018>.
2. Alger, E.I., Feldmann, M.J., Pincot, D.D.A., Hardigan, M.A., Platts, A.E., Famula, R.A., Cole, G.S., Ou, S., Timp, W., Sadowski, N., Knapp, S.J., Edger, P.P. (2021). Beach strawberry (*Fragaria chiloensis*) genome provides insights into high salinity tolerance. *Nature Communications* (in review).
3. Alger, E.I., Platts, A.E., Deb, S.K., Luo, X., Ou, S., Hummer, K.E., Xiong, Z., Knapp, S.J., Liu, Z., Mckain, M.R., Edger, P.P. 2021. Chromosome-scale genome for a red fruited, perpetual flowering, and runnerless woodland strawberry (*Fragaria vesca*). *Frontiers in Genetics*. 12. Article 671371. <https://doi.org/10.3389/fgene.2021.671371>.
4. Almutairi, K.F., D.R. Bryla, and B.C. Strik. 2021. Sensitivity northern highbush blueberry cultivars to soil water deficits during various stages of fruit development. *HortScience* 56:154-162.
5. Armour, M.E., M. Worthington, J.R. Clark, R.T. Threlfall, and L. Howard. 2021. Effect of harvest time and fruit firmness on red drupelet reversion in blackberry. *HortScience*. 56:889–896.
6. Bhasin, A., J. Davenport, S. Lukas, Q. Lu, G. Hoheisel, and L.W. DeVetter. 2021. Evaluating postharvest organic nitrogen fertilizer applications in early fruiting northern highbush blueberry. *HortScience*. In press.
7. Bird, K.A., Hardigan, M.A., Ragsdale, A.P., Knapp, S.J., VanBuren, R., Edger, P.P. (2021). Diversification, Spread, and Admixture of Octoploid Strawberry in the Western Hemisphere. *American Journal of Botany* (in press).
8. Bradish, C.M., J.M. Bushakra, L. Robbins, E. Karaaoac, S. Teo, J.L. Willard, P. Perkins Veazie, J. Lee, J. Scheerens, C. Weber, M. Dossett, N.V. Bassil, C.E. Finn, G. Fernandez, G. 2020. Standardized phenotyping in black raspberry. *J. Amer. Pomol. Soc.* 74:2-17.
9. Bryla, D.R., Scagel, C.F., Lukas, S.B., and Sullivan, D.M. 2021. Ion-specific limitations of sodium chloride and calcium chloride on growth and nutrient uptake in northern and southern highbush blueberry. *J. Amer. Soc. Hort. Sci.* <https://doi.org/10.21273/JASHS05084-21>.
10. Cai, Y., F. Takeda, B. Foote, and L.W. DeVetter. 2021. Effects of machine-harvest interval on fruit quality of fresh market northern highbush blueberry. *Horticulturae*, 7:245. doi: <https://doi.org/10.3390/horticulturae7080245>.
11. Castillejo, C., V. Waurich, H. Wagner, R. Ramos, N. Oiza, P. Muñoz, J.C. Triviño, J. Caruana, Z. Liu, N. Cobo, M.A. Hardigan, S. Knapp, J.G. Vallarino, S. Osorio, C. Martín-Pizarro, D. Pose, T. Toivainen, T. Hytonen, Y. Oh, C.R. Barbey, V.M. Whitaker, S. Lee, K. Olbricht, J.F. Sánchez-Sevilla, and I. Amaya. 2020. Allelic Variation of MYB10 is the Major Force Controlling Natural Variation of Skin and Flesh Color in Strawberry (*Fragaria* spp.) fruit. *Plant Cell tpc.00474.2020*. doi:10.1105/tpc.20.00474.
12. Clark, J, James N. Moore, Justin R. Morris and Renee T. Threlfall, Dazzle' and 'Indulgence' Wine Grapes, University of Arkansas System Division of Agriculture. Plant patents pending 2021
13. Cureau, N., R. Threlfall, D. Marasini, L. Lavefve, and F. Carbonero\*. 2021. Year, Location, and Variety Impact on Grape-Associated Microbiota of Arkansas-Grown Wine Grapes for Wine Production. *Microbial Ecology*. <https://doi.org/10.1007/s00248-021-01705-y>
14. Cureau, N., R. Threlfall, M. Savin, D. Marasini, L. Lavefve, and F. Carbonero\*. 2021. Year, Location, and Variety Impact on Grape-, Soil-, and Leaf-Associated Fungal Microbiota of Arkansas-Grown Table Grapes. *Microbial Ecology*. <https://doi.org/10.1007/s00248-021-01698->
15. Cureau, N., R. Threlfall\*, F. Carbonero, L. Howard, and L. Lavefve. 2021. Fungal diversity and dynamics during grape wine fermentations with different sulfite levels and yeast inoculations *Am. J. Enol. Vitic.* 73(3): 240-256.

16. Dai, W.H. and C.A. Kim. 2020. Expression of the Poplar FER-LIKE Iron Deficiency-induced Transcription Factor 1 gene (PtFIT) in Raspberry Does Not Consistently Respond to Iron Deficiency. *In Vitro Cell. Dev. Biol.-Animal* 56 (1):S54-S5
17. Dai, W.H. and C.A. Kim. 2020. Plant regeneration of red raspberry (*Rubus idaeus*) cultivars 'Joan J' and 'Polana'. *In Vitro Cell. Dev. Biol.-Animal* 56 (3):390-397.
18. Dankbar, H., Phillips, E., Cruz, A., Volk, E. and Hoffmann, M. 2021. Market challenges for local specialty crop producers during the early phase of Covid-19 in North Carolina. *Journal of Agriculture, Food Systems, and Community Development (JAFSCD)*, 10(4), doi.org/10.5304/jafscd.2021.104.004 (Paper).
19. Davis, A.J. and B.C. Strik. 2021. Transitioning long-term mulch treatments and fertilizer source to alternative products improved yield and plant potassium status in long-term organic production of highbush blueberry. *HortScience* 56:897-908.
20. DeVetter, L. W., S. Galinato, T. Kortus, and J. Maberry. 2021. Alternate-year production is not profitable in Washington florican red raspberry systems. *HortTechnology*. doi: <https://doi.org/10.21273/HORTTECH04864-21>.
21. Dhanushka Udayanga, Shaneya D. Miriyagalla, Dimuthu S. Manamgoda, Kim S. Lewers, Lisa A. Castlebury. 2021. Molecular reassessment of diaporthalean fungi associated with strawberry with *Paraphomopsis obscurans* gen. et comb. nov. (Melanconiellaceae), the cause of leaf blight. *Mycologia* 12(1):1-21.
22. Edger, P., Michael R McKain, Alan E Yocca, Steven J Knapp, Qin Qiao, Ticao Zhang. 2020. Reply to: Revisiting the origin of octoploid strawberry. *Nature Genetics* 52 (1), 5-7.
23. Edger, P., Iorizzo, M., Bassil, N., Benevenuto, J., Felipe, L., Giongo, L., Hummer, K., Lawas, L., Leisner, C., Li, C., Munoz, P., Ashrafi, H., Atucha, A., Babiker, E., Canales, E., Chagne, D., DeVetter, L., Ehlenfeldt, M., Espley, R., Gallardo, K., Guenther, C., Hardigan, M., Hulse-Kemp, A., Jacobs, M., Lila, M., Luby, C., Main, USDA-ARS Horticultural Crops Research Unit Corvallis, OR NCCC-212 D., Mengist, M., Owens, G., Perkins-Veazie, P., Polaschock, J., Pottorff, M., Rowland, J., Sims, C., Song, G. (2021) There and back again; historical perspective and future directions for *Vaccinium* breeding and research studies. *Horticulture Research* (in review).
24. Farneti B, F. Emanuelli, L. Giongo, P. Toivonen, M. Iorizzo, K. Folta, C. Finn. 2020. Editorial: Interdisciplinary Approaches to Improve Quality of Soft Fruit Berries. *Front. Plant Sci.* 11:592222. doi: 10.3389/fpls.2020.592222
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26. Finn, C.E., B.C. Strik, B.M. Yorgey, M.E. Peterson, P.A. Jones, G. Buller, J. Lee, N.V. Bassil, and R.R. Martin. 2020. 'Galaxy' thornless semierect blackberry. *HortScience*. 55:967-971.
27. Finn, C.E., B.C. Strik, B.M. Yorgey, M.E. Peterson, P.A. Jones, G. Buller, S. Serçe, J. Lee, N.V. Bassil, and R.R. Martin. 2020. 'Eclipse' thornless semi-erect blackberry. *HortScience* 55:749-754. [Journal issue cover photo]
28. Finn, C.E., B.C. Strik, B.M. Yorgey, M.E. Peterson, P.A. Jones, J. Lee, N.V. Bassil, and R.R. Martin. 2020. 'Twilight' thornless semi-erect blackberry. *HortScience* 55:1148- 1152.
29. Finn, C.E., B.C. Strik, T.A. Mackey, P.A. Jones, N.V. Bassil, and R.R. Martin. 2019. 'Echo' ornamental reflowering blueberry. *HortScience* 54:368-370.
30. Finn, C.E., B.C. Strik, B.M. Yorgey, M.E. Peterson, P.A. Jones, J. Lee, N.V. Bassil, and R.R. Martin. 2019. 'Hall's Beauty' thornless trailing blackberry. *HortScience* 54:371- 376.
31. Graham, K.A., B.R. Beck, I.A. Zasada, C.F. Scagel, and J.E. Weiland. 2021. Growth, sporulation, and pathogenicity of the raspberry pathogen *Phytophthora rubi* under different temperature and moisture regimes. *Plant Dis.* 105: 1791-1797. <https://doi.org/10.1094/PDIS-09-20-1916-RE>.
32. Grant, K.J., L. DeVetter, and A. Melathopoulos. 2021. Honeybee (*Apis mellifera*) colony strength and its effects on pollination and yield in highbush blueberries (*Vaccinium corymbosum*). *PeerJ*.

- 9:e11634 <https://doi.org/10.7717/peerj.11634>.
33. Hansen, S., B. Black, D. Alston T. Lindstrom and S. Olsen. 2021. A comparison of nine primocane-fruited raspberry cultivars for suitability in a high elevation arid climate. *Intl. J. Fruit Science* 21(1): 500-508. DOI: 10.1080/15538362.2021.1897921.
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  35. Hardigan, M.A., Lorient, A., Pincot, D.A., Feldmann, M.J., Famula, R.A., Acharya, C.B., Lee, S., Verma, S., Whitaker, V.M., Bassil, N.V., Cole, G.S., Bird, K.A., Edger, P.P., Knapp, S.J. (2021). Unraveling the complex hybrid ancestry and domestication history of cultivated strawberry. *Molecular Biology and Evolution*, 38(6), 2285-2305.
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  42. Kingston, P.H., Scagel, C.F., Bryla, D.R., and Strik, B.C. 2020. Influence of perlite in peat- and coir-based media on vegetative growth and mineral nutrition of highbush blueberry. *HortScience* 55:658-663. <https://doi.org/10.21273/HORTSCI14640-19>.
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  44. **Mayfield, S.E., R.T. Threlfall\*, and L.R. Howard. 2021. Impact of Inactivated Yeast Foliar Spray on Chambourcin (Vitis Hybrid) Wine Grapes. *ACS Food Sci. Technol.* 1:1585–1594.**
  45. Mayfield, S.E., R.T. Threlfall\*, D. Leis, L.R. Howard, E. Leitner, and J.R. Clark. 2021. Investigating the Winemaking Potential of Enchantment, a New Vitis Hybrid Teinturier Cultivar. *Am. J. Enol. Vitic.* 72:2:194-207.
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  61. Rossdeutsch, L., R.P. Schreiner, P. A. Skinkis, and L. Deluc. 2021. Nitrate uptake and transport properties of two grapevine rootstocks with varying vigor. *Front. Plant Sci*. 11:608813 10.3389/fpls.2020.608813
  62. Rossi Stacconi, M. V., G. Tait, D. Rendon, A. Grassi, G. Boyer, R. Nieri, and V. M. Walton. 2020. Gumming Up the Works: Field Tests of a New Food-Grade Gum as Behavioral Disruptor for *Drosophila suzukii* (Diptera: Drosophilidae). *J Econ Entomol*. <https://doi.org/10.1093/jee/toaa072>

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5. Skinkis. Spring 2021. OSU Extension Principles of Vineyard Management online class, Spring 2021 25 This is an online offering to the industry or public, held simultaneously with credit-based on campus instruction by (offered once per year, non-credit)
6. Strik et al. 2021. Grower course for blueberry production physiology through OSU PACE (<https://workspace.oregonstate.edu/course/online-blueberry-physiology-production-systemsmanagement>) (last course offered Sept-Nov. 2021); Bernadine is retiring.
7. Strik, B. 2020 - onwards. Pruning and training modules (individually) for blueberries, kiwifruit, table grapes, blackberries, and raspberries. 1.25 to 2.5 hours of on-line education, per crop for a home garden and small farmer audience. Through OSU PACE (<https://workspace.oregonstate.edu/course/pruning-series>) self-paced, available all year