

## Články v impaktovaných časopisech obsažených v databázi Web of Science

### 2021

JUPA, R., M. MÉSZÁROS and L. PLAVCOVÁ. Linking wood anatomy with growth vigour and susceptibility to alternate bearing in composite apple and pear trees. *Plant Biology*. 2020, 23(1): 172–183. DOI: 10.1111/plb.13182.

BORBÉLY, C., Z. GYÖRGY, S. KRAMER JACOBSEN, F. MUSA, J. OUŘEDNÍČKOVÁ, L. SIGSGAARD, M. SKALSKÝ and V. MARKO. First records of the invasive aphid species, *Aphis spiraecola*, in Kosovo, Slovakia, the Czech Republic, the United Kingdom and Denmark. *Plant protection Science*. 2021, 57(1): 70–74. DOI: 10.17221/108/2020-PPS.

ČMEJLOVA, J., M. REJLOVA, F. PAPRŠTEIN and R. ČMEJLA. A new one-tube reaction kit for the SSR genotyping of apple (*Malus × domestica* Borkh.). *Plant Science*. 2021, 303: 110768. ISSN 0168-9452. DOI: 10.1016/j.plantsci.2020.110768.

ČMEJLA, R., I. ŽĎÁRSKÁ, P. SURAN, F. PAPRŠTEIN and J. ČMEJLOVÁ. A new allelic discrimination real-time PCR assay for PavMYB10.1 genotyping to predict sweet cherry fruit colour: a comparison with the Pav-Rf-SSR assay. *The Journal of Horticultural Science and Biotechnology*. 2021, 96(2): 260–269. DOI: 10.1080/14620316.2020.1837021.

NIEDOBOVÁ, J., M. SKALSKÝ, J. OUŘEDNÍČKOVÁ and R. MICHALKO. *Forficula auricularia* (Dermaptera) in orchards: monitoring seasonal activity, the effect of pesticides, and the perception of European fruit growers on its role as a predator or pest. *Pest Management Science*. 2021, 77: 1694–1704. DOI: 10.1002/ps.6189.

MÉSZÁROS, M., H. HNÁTKOVÁ, P. ČONKA and J. NÁMĚŠTEK. Linking Mineral Nutrition and Fruit Quality to Growth Intensity and Crop Load in Apple. *Agronomy*. 2021, 11(3): 506. DOI: 10.3390/agronomy11030506.

HOLLÁ, M., A. BÍLKOVÁ, P. JAKUBEC, S. KOŠKOVÁ, H. KOČOVÁ VLČKOVÁ, D. ŠATÍNSKÝ, F. ŠVEC a H. SKLENÁŘOVÁ. Benefits and Pitfalls of HPLC Coupled to Diode-Array, Charged Aerosol, and Coulometric Detections: Effect of Detection on Screening of Bioactive Compounds in Apples. *Molecules*. 2021, 26(11): 3246. ISSN 1420-3049. DOI: 10.3390/molecules26113246.

ŠIMERDOVÁ, B., M. BOBRÍKOVÁ, I. LHOTSKÁ, J. KAPLAN, A. KŘENOVÁ and D. ŠATÍNSKÝ. Evaluation of Anthocyanin Profiles in Various Blackcurrant Cultivars over a Three-Year Period Using a Fast HPLC-DAD Method. *Foods*. 2021, 10(8): 1745. DOI: 10.3390/foods10081745.

JIROUTOVA, P., Z. KOVALIKOVA, J. TOMAN, D. DOBROVOLNA and R. ANDRYS. Complex Analysis of Antioxidant Activity, Abscisic Acid Level, and Accumulation of Osmotica in Apple and Cherry In Vitro Cultures under Osmotic Stress. *International Journal of Molecular Sciences*. 2021, 22(15):7922. DOI: 10.3390/ijms22157922.

BARRENECHE, T., M. CÁRCAMO DE LA CONCEPCIÓN, M. BLOUIN-DELMAS, M. ORDIDGE, H. NYBOM, G. LACIS, D. FELDMANE, J. SEDLAK, M. MELAND, H. KALDMÄE, K. KAHU, Z. BÉKEFI, S.

STANIVUKOVIĆ, G. DURIĆ, M. HÖFER, M. GALIK, E. SCHÜLLER, A. SPORNBERGER, S. SIRBU, P. DROGOUDI, A.C. AGULHEIRO-SANTOS, O. KODAD, O., A. VOKURKA, M. LATEUR, F. FERNÁNDEZ FERNÁNDEZ, D. GIOVANNINI and J. QUERO-GARCÍA. SSR-Based Analysis of Genetic Diversity and Structure of Sweet Cherry (*Prunus avium* L.) from 19 Countries in Europe. *Plants*. 2021, 10, 1983. DOI: 10.3390/plants10101983.

FRÁNOVÁ, J., O. LENZ, J. PŘIBYLOVÁ, R. ČMEJLA, L. VALENTOVÁ and I. KOLONIUK. High incidence of Strawberry Polerovirus 1 in the Czech republic and its vectors, genetic variability and recombination. *Viruses*. 2021, 13(12): 2487. DOI: 10.3390/v13122487.

## 2020

SKALSKÝ, M., J. OUŘEDNÍČKOVÁ, J. NIEDOBOVÁ and B. HORTOVÁ. Efficacy of agrochemicals against *Phyllobius oblongus*. *Plant Protection Science*. 2020, 56(2): 116–122. DOI: 10.17221/75/2019-PPS. DOI: 10.17221/75/2019-PPS.

MURANTY, H., C. DENANCE, L. FEUGEY, J.L. CREPIN, Y. BARBIER, S. TARTARINI, M. ORDIDGE, M. TROGGIO, M. LATEUR, H. NYBOM, F. PAPERSTEIN, F. LAURENS and C.E. DUREL. Using whole-genome SNP data to reconstruct a large multi-generation pedigree in apple germplasm. *BMC Plant Biology*. 2020, 20(1) art. 2. DOI: 10.1186/s12870-019-2171-6.

BLAŽKOVÁ, J., F. PAPERSTEIN, L. ZELENÝ, A. SKŘIVANOVÁ and P. SURAN. Long-term evaluation of rootstock effects on cropping and tree parameters of selected sweet cherry cultivars. *Horticultural Science*. 2020, 47(1): 13–20. DOI: 10.17221/39/2018-HORTSCI.

MARAIS, A., D. SAFAROVA, M. NAVRATIL, C. FAURE, D. CORNAGGIA, Y. BRANS, J. SUCHA and T. CANDRESSE. Complete genome sequence of cherry virus T, a novel cherry-infecting tepevirus. *Archives of Virology*, 2020. <https://doi.org/10.1007/s00705-020-04656-w>

JAKLOVÁ, P., J. KLOUTVOROVÁ and R. ČMEJLA. A real-time PCR quantitative analysis of the *Venturia inaequalis* cytb gene G143A mutation and its prevalence in the Czech Republic. *European Journal of Horticultural Science*. 2020, 85(3), 169–175. DOI: 10.17660/eJHS.2020/85.3.4.

BÍLKOVÁ, A., K. BAĐUROVÁ, P. SVOBODOVÁ, R. VÁVRA, P. JAKUBEC, P. CHOCHOLOUŠ, F. ŠVEC and H. SKLENÁŘOVÁ. Content of major phenolic compounds in apples: Benefits of ultra-low oxygen conditions in long-term storage. *Journal of Food Composition and Analysis* [online]. Elsevier. 2020, 92, Num. 103587 [cit. 9.7.2020]. DOI: 10.1016/j.jfca.2020.103587.

JIROUTOVÁ, P. and J. SEDLÁK. Cryobiotechnology of plants: A hot topic not only for gene banks. *Applied Sciences* [online]. MDPI. 2020, 10(13), Num. 4677 [cit. 9.7.2020]. DOI: 10.3390/app10134677.

MÉSZÁROS, M., Y. GUÉDON, B. KRŠKA and E. COSTES. Modelling the bearing and branching behaviors of 1-year-old shoots in apricot genotypes. *PLOS ONE*. 2020, 15(7): e0235347. DOI: 10.1371/journal.pone.0235347.

ŠAFÁŘOVÁ, D., V. ŠEVČÍKOVÁ, K. NEUMANOVÁ, J. SUCHÁ, T. NEČAS and M. NAVRÁTIL. Molecular characterisation of little cherry virus 1 infecting apricots in the Czech Republic. *European Journal of Plant Pathology*. 2020, 15: 1–5. <https://doi.org/10.1007/s10658-020-02056-z>.

LOŠÁK, T., T. VÁLKA, J. ELBL, A. KINTL, A. KEUTGEN, N. KEUTGEN, L. DEMKOVÁ, J. ÁRVAY, L. VARGA, H. HNÁTKOVÁ and K. GONDEK. Fertilization with Magnesium-and Sulfur-Supplemented Digestate Increases the Yield and Quality of Kohlrabi. *Sustainability*. 2020,12(14):5733. DOI: 10.3390/su12145733.

PATOCCHI, A., A. WEHRLI, P.-H. DUBUIS, A. AUWERKERKEN, C. LEIDA, G. CIPRIANI, T. PASSEY, M. STAPLES, F. DIDELOT, V. PHILION, A. PEIL, H. LASZAKOVITS, T. RÜHMER, K. BOECK, D. BANIULIS, K. STRASSER, R. VAVRA, W. GUERRA, S. MASNY, F. RUESS, F. LE BERRE, H. NYBOM, S. TARTARINI, A. SPORNBERGER, A. PIKUNOVA and V. BUS. Ten Years of VINQUEST: First Insight for Breeding New Apple Cultivars With Durable Apple Scab Resistance. *Plant disease*. 2020, 104(8): 2074–2081. DOI: 10.1094/PDIS-11-19-2473-SR.

KOVALIKOVA, Z., P. JIROUTOVA, J. TOMAN, D. DOBROVOLNA and L. DRBOHLAVOVA. Physiological Responses of Apple and Cherry In Vitro Culture under Different Levels of Drought Stress. *Agronomy*. 2020, 10(11): 1689. DOI: 10.3390/agronomy10111689.

ŠLACHTA, M., T. ERBAN, A. VOTAVOVÁ, T. BEŠTA, M. SKALSKÝ, M. VÁCLAVÍKOVÁ, T. HALEŠOVÁ, M. EDWARDS-JONÁŠOVÁ, R. VČELÁKOVÁ and P. CUDLÍN. Domestic Gardens Mitigate Risk of Exposure of Pollinators to Pesticides in Rural Areas – A Case Study Using a Red Mason Bee for Biomonitoring. *Sustainability*. 2020, 12(22): 9427. DOI: 10.3390/su12229427.

ČMEJLOVA, J., R. VAVRA and R. ČMEJLA. A rapid real-time PCR assay for detecting columnar growth in apples (*Malus × domestica*). *Plant Breeding*. 2020, 139(6): 1244–1250. DOI: 10.1111/pbr.12861.

NEČAS, T., J. WOLF, T. KISS, M. GOTTINGEROVÁ, I. ONDRÁŠEK, R. VENUTA, L. LAŇAR and T. LETOCHA. Improving the quality of nursery apple and pear trees with the use of different plant growth regulators. *European Journal of Horticultural Science*. 2020, 85(6): 430–438. DOI: 10.17660/eJHS.2020/85.6.7.

## 2019

NIEDOBOVÁ, J., M. SKALSKÝ, J. OUŘEDNÍČKOVÁ, R. MICHALKO and A. BARTOŠKOVÁ. Synergistic effects of glyphosate formulation herbicide and tank-mixing adjuvants on *Pardosa* spiders. *Environmental Pollution*. 2019, (249): 338–344. ISSN 0269-7491. DOI: 10.1016/j.envpol.2019.03.031.

EICHMEIER, A., T. KISS, T. NEČAS, E. PENAZOVA, D. TEKIELSKA, M. BOHUNICKA, L. VALENTOVA, R. ČMEJLA, D. MORAIS and P. BALDRIAN. High-Throughput Sequencing Analysis of the Bacterial Community in Stone Fruit Phloem Tissues Infected by "*Candidatus Phytoplasma prunorum*". *Microbial Ecology*. 2019, 77(3): 664–675. ISSN 0095-3628. DOI: 10.1007/s00248-018-1250-9.

MÉSZÁROS, M., H. BĚLÍKOVÁ, P. ČONKA and J. NÁMĚŠTEK. Effect of hail nets and fertilization management on the nutritional status, growth and production of apple tree. *Scientia Horticulturae*. 2019, (255): 134–144. ISSN 0304-4238. DOI: 10.1016/j.scienta.2019.04.079.

HURKOVA, K., L. UTTL, J. RUBERT, K. NAVRATILOVA, V. KOCOUREK, M. STRANSKA-ZACHARIASOVA, F. PAPERSTEIN and J. HAJŠLOVA. Cranberries versus lingonberries: A challenging authentication of similar Vaccinium fruit. *Food chemistry*. 2019, (284): 162–170. ISSN 0308-8146. DOI: 10.1016/j.foodchem.2019.01.014.

PATZAK, J., HENYCHOVÁ, A., PAPERŠTEIN, F. and J. SEDLÁK. Evaluation of S-incompatibility locus, genetic diversity and structure of sweet cherry (*Prunus avium* L.) genetic resources by molecular methods and phenotypic characteristics. *The Journal of Horticultural Science and Biotechnology*. 95(1): 84–92, DOI: 10.1080/14620316.2019.1647798.

KYSELOVÁ, J., K. JEČMÍNKOVÁ, J. MATĚJČKOVÁ, O. HANUŠ, T. KOTT, M. ŠTÍPKOVÁ and M. KREJČOVÁ. Physiochemical Characteristics and Fermentation Ability of Milk From Czech Fleckvieh Cows Are Related To Genetic Polymorphisms of  $\beta$ -Casein,  $\kappa$ -Casein, and  $\beta$ -Lactoglobulin. *Asian-Australasian J Anim Sci*. 2019, 32(1): 14–22. DOI: 10.5713/ajas.17.0924.

MÉSZÁROS, M., L. LAŇAR, J. KOSINA and J. NÁMĚŠTEK. Aspects influencing the rootstock - scion performance during long term evaluation in pear orchard. *Horticultural Science*. 2019, 46(1): 1–8. ISSN 0862–867X. DOI: 10.17221/55/2017-HORTSCI.

NIEDOBOVÁ, J., M. SKALSKÝ, Z. FALTÝNEK FRIC, V. HULA and M. BRTNICKÝ. Effects of so-called "environmentally friendly" agrochemicals on the harlequin ladybird *Harmonia axyridis* (Coleoptera: Coccinellidae). *European Journal of Entomology*. 2019, (116): 173–177. ISSN 1210-5759. DOI: 10.14411/eje.2019.018.

SEDLÁK, J., F. PAPERŠTEIN and J. SUCHÁ. Influence of chemotherapy on development and production of virus free in vitro strawberry plants. *Horticultural Science*. 2019, 46(2): 53–56. ISSN 0862-867X. DOI: 10.17221/249/2017-HORTSCI.

PATZAK, J., A. HENYCHOVÁ, F. PAPERŠTEIN and J. SEDLÁK. Molecular S-genotyping of sweet cherry (*Prunus avium* L.) genetic resources. *Horticultural Science*. 2019, 46(3): 146–152. DOI: 10.17221/245/2017-HORTSCI.

BLAŽEK, J., F. PAPERŠTEIN, L. ZELENÝ and J. KŘELINOVÁ. The results of consumer preference testing of popular apple cultivars at the end of the storage season. *Horticultural Science*. 2019, 46(3): 115–122. DOI: 10.17221/146/2017-HORTSCI.

SKALSKÝ, M., J. NIEDOBOVÁ and J. POPELKA. The Efficacy of European Fruit Lecanium, *Parthenolecanium corni* (Bouché, 1844) Control Using Natural Products. *Horticultural Science*. 2019, 46(4): 195–200. DOI: 10.17221/215/2017-HORTSCI.

BĚLÍKOVÁ, H., M. MÉSZÁROS, L. VARGA, J.ÁRVAY, B. WISNIOVSKA-KIELAN, K. GONDEK, J. ANTONKIEWICZ, S. TORMA, B. LAZAREVIC, E. BENNEWITZ and T. LOŠÁK. The effect of different forms of sulphur on incidence of apple scab on apple tree (*Malus x domestica* Borgh) Gloster cv. *Ecological chemistry and engineering S.* 2019, 26(1): 199–208. ISSN 1898-6196. DOI: 10.1515/eces-2019-0015.

PATZAK, J., A. HENYCHOVÁ, F. PAPRŠTEIN and J. SEDLÁK. Evaluation of genetic variability within sweet cherry (*Prunus avium* L.) genetic resources by molecular SSR markers. *Acta Scientiarum Polonorum Hortorum Cultus.* 2019, 18(3): 157–165. ISSN 1644-0692. DOI: 10.24326/asphc.2019.3.15.

LAŇAR, L., M. MÉSZÁROS, K. KYSELOVÁ, J. SUS, J. NÁMĚSTEK, H. BĚLÍKOVÁ and P. ČONKA. Leaf pinching and phytohormones - two important components for the branching induction on sweet cherry. *Horticultural Science.* 2019, 46(4): 171–179. DOI: 10.17221/12/2019-HORTSCI.

ZAJICOVA, I., E. TIHLARIKOVA, P. CIFROVA, P. KYJAKOVA, V. NEDELA, J. SECHET, L. HAVELKOVA, J. KLOUTVOROVA and K. SCHWARZEROVA. Analysis of apple epidermis in respect to ontogenic resistance against *Venturia inaequalis*. *Biologia Plantarum.* 2019, 63: 662–670. DOI: 10.32615/bp.2019.134.

## 2018

BLAŽEK, J., L. ZELENÝ and J. KŘELINOVÁ. Long term cropping and selected tree parameters of 15 apple cultivars. *Horticultural Science.* 2018, 45(1): 11–17. DOI: 10.17221/31/2017-HORTSCI.

BLAŽEK, J., L. ZELENÝ and J. KŘELINOVÁ. Productivity and tree performance of new plum cultivars from the Czech Republic. *Horticultural Science.* 2018, 45(2): 64–68. ISSN 0862-867X.

BOHUNICKÁ M., L. VALENTOVÁ, J. SUCHÁ, T. NEČAS, A. EICHMEIER, T. KISS and R. ČMEJLA. Identification of 17 ‘*Candidatus Phytoplasma pyri*’ genotypes based on the diversity of the imp gene sequence. *Plant Pathology.* 2018, 67(4): 971–974. DOI: 10.1111/ppa.12805.

FRÁNOVÁ, J., O. LENZ, J. PŘIBYLOVÁ, J. ŠPAK, I. KOLONIUK, J. SUCHÁ and F. PAPRŠTEIN. ‘*Candidatus Phytoplasma asteris*’ and ‘*Candidatus Phytoplasma mali*’ strains infecting sweet and sour cherry in the Czech Republic. *Journal of Phytopathology.* 2018, 166(1): 59–66. DOI: 10.1111/jph.12661.

SKLENÁŘOVÁ, H., A. BÍLKOVÁ, M. PECHOVÁ and P. CHOCHOLOUŠ. Determination of major phenolic compounds in apples: Part I-Optimization of high-performance liquid chromatography separation with diode array detection. *Journal of Separation Science.* 2018, 41(15): 3042–3050. ISSN 1615-9306. DOI: 10.1002/jssc.201800302.

## 2017

STRUNECKÝ, O., M. BOHUNICKÁ, J.R. JOHANSEN, K. ČAPKOVÁ, L. RAABOVÁ, P. DVOŘÁK and J. KOMÁREK. A revision of the genus *Geitlerinema* and a description of the genus *Anagnostidunema* gen. Nov. (*Oscillatoriophyceae*, *Cyanobacteria*). *Fottea*. 2017, 17(1): 114–126.

NAWIRSKA-OLSZAŃSKA, A., J. KOLNIAK-OSTEK, M. OZIEMBŁOWSKI, A. TICHÁ, R. HYŠPLER, Z. ZADÁK, P. ŽIDOVÁ and F. PAPRŠTEIN. Comparison of old cherry cultivars grown in Czech Republic by chemical composition and bioactive compounds. *Food Chemistry*. 2017, (228): 136–142.

ŠMÍDOVÁ, B., D. ŠATÍNSKÝ, K. DOSTÁLOVÁ and P. SOLICH. The pentafluorophenyl stationary phase shows a unique separation efficiency for performing fast chromatography determination of highbush blueberry anthocyanins. *Talanta*. 2017, 166: 249–254.

SHALYGIN, S., R. SHALYGINA, J.R. JOHANSEN, N. PIETRASIAK, E. B. GÓMEZ, M. BOHUNICKÁ, J. MAREŠ and CH.A. SHEIL. *Cyanomargarita* gen. Nov. (*Nostocales*, *cyanobacteria*): convergent evolution resulting in a cryptic genus1. *Journal of Phycology*. 2017, 53(4): 762–777. ISSN 1529-8817.

ŠPAK, J., J. PŘIBYLOVÁ, D. ŠAFÁŘOVÁ, O. LENZ, I. KOLONIUK, M. NAVRÁTIL, J. FRÁNOVÁ, V. ŠPAKOVÁ and F. PAPRŠTEIN. Cherry necrotic rusty mottle and Cherry green ring mottle viruses in Czech cherry germplasm. *Plant Protection Science*. 2017, 53(4): 195–200. ISSN 1212-2580. DOI: 10.17221/160/2016-PPS.

VÍTOVÁ, E., K. SŮKALOVÁ, M. MAHDALOVÁ, L. BUTOROVÁ, A. MATĚJÍČEK and J. KAPLAN. Influence of volatile compounds on flavour of selected cultivars of gooseberry. *Chemical Papers*. 2017, 71(10): 1895-1908.

URRESTARAZU, J., H. MURANTY, C. DENANCÉ, D. LEFORESTIER, E. RAVON, A. GUYADER, R. GUISEL, L. FEUGEY, S. AUBOURG J.M. CELTON, N. DACCORD, L. DONDINI, R. GREGORI, M. LATEUR, P. HOUBEN, M. ORDIDGE, F. PAPERSTEIN, J. SEDLAK, H. NYBOM, L. GARKAVA-GUSTAVSSON, M. TROGGIO, L. BIANCO, R. VELASCO, CH. PONCET, A. THÉRON, S. MORIYA, M. C. A. M. BINK, F. LAURENS, S. TARTARINI and CH.E. DUREL. Genome-Wide Association Mapping of Flowering and Ripening Periods in Apple. *Frontiers in Plant Science*. 2017, 8: 1923. DOI: 10.3389/fpls.2017.01923.

ŠAFÁŘOVÁ, D., C. FAURE, A. MARAIS, J. SUCHÁ, F. PAPERSTEIN, M. NAVRÁTIL and T. CANDRESSE. First report of *Prunus virus F* infecting sour cherry in the Czech Republic. *Plant Disease*. 2017, 101(10): 1828-1829.

## 2016

URRESTARAZU, J., C. DENANCÉ, E. RAVON, A. GUYADER, R. GUISEL, L. FEUGEY, CH. PONCET, M. LATEUR, P. HOUBEN, M. ORDIDGE, F. FERNANDEZ-FERNANDEZ, K. M. EVANS, F. PAPERSTEIN, J. SEDLAK, *et al.* Analysis of the genetic diversity and structure across a wide range of

germplasm reveals prominent gene flow in apple at the European level. *BCM Plant Biology*. 2016, 16: 130. DOI: 10.1186/s12870-016-0818-0.

MLADĚNKA, P., M. ŘÍHA, J. MARTIN, B. GOROVÁ, A. MATĚJÍČEK and J. SPILKOVÁ. Fruit extracts of 10 varieties of elderberry (*Sambucus nigra* L.) interact differently with iron and copper. *Phytochemistry Letters*. 2016, 18: 232–238. ISSN 1874-3900.

BLAŽEK, J., L. ZELENÝ and J. KŘELINOVÁ. Heritability of Powdery Mildew and Scab Resistance within Apple Progenies. *Plant Protection Science*. 2016, 52(2): 123–127. ISSN 1212-2580.

BLAŽEK J., L. ZELENÝ a J. KŘELINOVÁ. Precocity and a long-term cropping in apple progenies grown on M 9 rootstock. *Horticultural Science*. 2016, 43(4): 167–174. ISSN 0862-867X.

SHARMA, K., A.M. CACHI, P. SEDLÁK, A. SKŘIVANOVÁ and A. WÜNSCH. S-genotyping of 25 sweet cherry (*Prunus avium* L.) cultivars from the Czech Republic. *The Journal of Horticultural Science and Biotechnology*. 2016, 91(2): 117–121. ISSN 1462-0316.

LOŠÁK, T., J. HLUŠEK, T. VÁLKA, J. ELBL, J., T. VÍTĚZ, H. BĚLÍKOVÁ and E. von BENNEWITZ. The effect of fertilisation with digestate on kohlrabi yields and quality. *Plant, Soil and Environment*. 2016, 62(6): 274–278. ISSN 1214-1178.

## 2015

SEDLÁK, J., F. PAPRŠTEIN, J. KORBA and J. ŠILEROVÁ. Development of a system for testing apple resistance to *Erwinia amylovora* using *in vitro* culture techniques. *Plant Protection Science*. 2015, 51(1): 1–5. ISSN 1212-1580.

DIVIŠ, P., J. POŘÍZKA, M. VESPALCOVÁ, A. MATĚJÍČEK and J. KAPLAN. Elemental composition of fruits from different Black elder (*Sambucus nigra* L.) cultivars grown in the Czech Republic. *Journal of Elementology*. 2015, 20(3): 549–557. DOI:10.5601/jelem.2015.20.1.758.

BLAŽEK, J., F. PAPRŠTEIN and J. KŘELINOVÁ. Heritability of flowering time within apple progeny. *Czech Journal of Genetics Plant Breeding*. 2015, 51(1): 23–28. ISSN 1212-1975.

PAPRŠTEIN, F. and J. SEDLÁK. *In vitro* multiplication of lingonberry. Short Communication. *Horticultural Science*. 2015, 42(2): 102–106. ISSN 0862-867.

PAPRŠTEIN, F., V. HOLUBEC and J. SEDLÁK. Inventory and conservation of fruit tree landraces as cultural heritage of Bohemian Forest (Czech Republic), indicators for former settlements of ethnic minorities. *Genetic Resources and Crop Evolution*. 2015, 62(1): 5–11. ISSN 0925-9864.

MÉSZÁROS, M., J. KOSINA, L. LAŇAR a J. NÁMĚSTEK. Long-term evaluation of growth and yield of Stanley and Cacanska lepotica plum cultivars on selected rootstocks. *Horticultural Science*. 2015, 42(1): 22–28. ISSN 0862-867.

BLAŽEK, J., F. PAPRŠTEIN, L. ZELENÝ and J. KŘELINOVÁ. Results of public tasting of apple novelties at the end of the storage seasons during the last 10 years. *Horticultural Science*. 2015, 42(2): 53–60. ISSN 0862-867.

ZLÁMALOVÁ, T., J. ELBL, M. BAROŇ, H. BĚLÍKOVÁ, L. LAMPÍŘ, J. HLUŠEK and T. LOŠÁK. Using foliar applications of magnesium and potassium to improve yields and some qualitative parameters of vine grapes (*Vitis vinifera* L.). *Plant, Soil and Environmental*. 2015, 61(10): 451–457.