

## SEZNAM VĚDECKÝCH A ODBORNÝCH PRACÍ Aleše LEBEDY

### LIST OF Aleš LEBEDA PUBLICATIONS

---

Lebeda, A.: Studium fyzikálně-mechanických vlastností plodů (Study of physical-mechanical properties of fruits). Diplomová práce, Vysoká škola zemědělská v Brně, Fakulta agronomická, Lednice na Moravě 1975, 193 s. (Diploma Thesis, Agricultural University in Brno, Faculty of Agronomy, Lednice na Moravě 1975, 193 pp.)

1. Goliáš, J., Lebeda, A.: Mechanicko - fyzikální vlastnosti a látkové složení během ontogeneze plodů rajčat. I. Změny intenzity dýchání ve vztahu k látkovému složení (Mechanical-physical properties and composition of contained substances in tomato fruits during ontogenesis. I. Variations in respiration rates related to composition of contained substances). Acta Univ. Agr. (Brno), Facul. Agr. XXIV, 1976, 109-113.
2. Goliáš, J., Lebeda, A.: Mechanicko - fyzikální vlastnosti a látkové složení během ontogeneze plodů rajčat. II. Vliv doby sklizně na pevnost plodu, tloušťku slupky a specifickou hmotnost (Mechanical-physical properties and composition of contained substances in tomato fruits during ontogenesis. II. Effect of cropping time on fruit strength, rind thickness and specific weight). Acta Univ. Agr. (Brno), Facul. Agr. XXIV, 1976, 277-287.
3. Lebeda, A., Goliáš, J.: Mechanicko - fyzikální vlastnosti a látkové složení během zrání plodů rajčat (Mechanical-physical properties and chemical composition of tomato fruit during ripening). Symposium "Quality of Vegetables and Fruit", Piešťany 1977 (Abstracts of papers).
4. Lebeda, A.: Testování na rezistenci - nezbytná součást šlechtitelského programu (Testing for resistance - a necessary step in a breeding programme). Záhradnictvo 2, 1977, 409-411.
5. Lebeda, A., Goliáš, J.: Co ovlivňuje zrání rajčat (What affects tomato ripening). Záhradnictvo 3, 1978, 260-262.
6. Lebeda, A.: Plíseň salátová - problém pěstitelů a šlechtitelů (I) (Lettuce downy mildew - a problem encountered by lettuce growers and breeders /I/). Záhradnictvo 3, 1978, 83-85.
7. Lebeda, A.: Plíseň salátová - problém pěstitelů a šlechtitelů (II) (Lettuce downy mildew - a problem encountered by lettuce growers and breeders /II/). Záhradnictvo 3, 1978, 124.
8. Lebeda, A.: Physiological races of *Bremia lactucae* Regel in Czechoslovakia. Abstracts of papers delivered at the 6th conference of Czechoslovak mycologists held at Pezinok, 19-23 September 1977. Česká Mykologie (Czech Mycology) 32, 1978, 114.

9. Lebeda, A.: Contribution to the virulence characteristics of physiological races N1,N5; N6 and CS1 of *Bremia lactucae* Regel. Proc. of the VII Czechoslovak Conference on Plant Protection, Nitra 6th-8th September 1978, 209.
10. Lebeda, A.: Biologie a fyziologická specializace *Bremia lactucae* Regel (Biology and physiological specialization of *Bremia lactucae* Regel). Thesis of the postgraduate course in mycology, Department of Botany, Charles University Praha, 1978, 59 pp.
11. Lebeda, A., Goliáš, J.: Textura ovoce a zeleniny (I) (Texture of fruit and vegetables /I/). *Záhradnictvo* 4, 1979, 452-454.
12. Lebeda, A., Goliáš, J.: Textura ovoce a zeleniny (II) (Texture of fruit and vegetables /II/). *Záhradnictvo* 4, 1979, 501-502.
13. Lebeda, A., Zavadil, K.: Virulence development of *Bremia lactucae* as a consequence of introduction of new resistance factors in lettuce. *Phytopath. Z.* 94, 1979, 119-125.
14. Lebeda, A.: Identification of races of *Bremia lactucae* in Czechoslovakia. *Phytopath. Z.* 94, 1979, 208-217.
15. Lebeda, A.: New sources of resistance to two German races of *Bremia lactucae*. *Z. Pflanzenzüchtung* 82, 1979, 286-288.
16. Lebeda, A.: Resistance of *Lactuca sativa* L. varieties to two German and one Czechoslovakian race of downy mildew (*Bremia lactucae*). *Z. Pflanzenzüchtung* 82, 1979, 361-365.
17. Lebeda, A.: The occurrence of new races of *Bremia lactucae* in Czechoslovakia. *Z. Pflanzenkrh. Pflanzenschutz* 86, 1979, 729-734.
18. Lebeda, A.: Utilization of adhesives for increasing retention of inoculum of *Cladosporium cucumerinum* on cucumber leaves. *Z. Pflanzenkrh. Pflanzenschutz.* 86, 1979, 281-286.
19. Lebeda, A., Goliáš, J.: Metody hodnocení textury ovoce a zeleniny (I) (Methods of evaluating fruit and vegetable texture /I/). *Záhradnictvo* 4, 1979, 550-551.
20. Lebeda, A., Goliáš, J.: Metody hodnocení textury ovoce a zeleniny (II) (Methods of evaluating fruit and vegetable texture /II/). *Záhradnictvo* 5, 1980, 22-23.
21. Lebeda, A.: Establishment of virulence phenotypes in races of *Bremia lactucae* CS1; N1,N5 and N6. *Phytopath. Z.* 97, 1980, 289-294.
22. Lebeda, A.: Testování okurek na odolnost ke *Cladosporium cucumerinum* (Tests for resistance to *Cladosporium cucumerinum* in cucumbers). *Acta Univ. Agr. (Brno), Facul. Agr.* XXVIII, 1980, 541-546.
23. Lebeda, A.: Hodnocení okurek na odolnost k černi okurkové (Evaluation of resistance to scab of cucumbers). *Záhradnictvo* 5, 1980, 120-121.
24. Lebeda, A., Crute, I.R., Blok, I., Norwood, J.M.: The identification of factors determining race specific resistance to *Bremia lactucae* in some Czechoslovakian lettuce cultivars. *Z. Pflanzenzüchtung* 85, 1980, 71-77.
25. Lebeda, A.: Eucarpia o listových zeleninách (Eucarpia meeting on leafy vegetables). *Záhradnictvo* 5, 1980, 316-317.

26. Lebeda, A.: Konference Skupiny listových zelenin Eucarpia (Eucarpia meeting of Working group on leafy vegetables). Sborník ÚVTIZ - Genetika a šlechtění (Genetics and Plant Breeding) 16, 1980, 240.
27. Lebeda, A., Tichá, H.: The bactericidal and phytotoxic effect of Lidaprim<sup>R</sup>. Z. Pflanzenkrh. Pflanzenschutz. 87, 1980, 346-355.
28. Lebeda, A.: The genetic structure of the host-pathogen system, *Lactuca sativa* L. - *Bremia lactucae* Regel, in Czechoslovakia. Proc. Eucarpia Meet. Leafy Vegetables, Littlehampton, 1980, 112-118.
29. Lebeda, A.: Frequency of specific virulence factors in the Czechoslovak population of *Bremia lactucae* Regel. Proc. of the VIII Czechoslovak Plant Protection Conference, Prague 9th-11th September 1980, 277-278.
30. Lebeda, A., Tichá, H.: Effect of Lidaprim<sup>R</sup> on phytopathogenic bacteria genus *Pseudomonas* spp. and *Xanthomonas* spp. Proc. of the VIII Czechoslovak Plant Protection Conference, Prague 9th-11th September, 1980, 377-378.
31. Lebeda, A.: Genetic constitution of resistance to lettuce downy mildew (*Bremia lactucae*) in new dutch lettuce lines and cultivars. Z. Pflanzenzüchtung 85, 1980, 259-262.
32. Kúdela, V., Švecová, M., Lebeda, A.: Occurrence of *Pseudomonas syringae* pv. *syringae* in bean grown in Czechoslovakia. Fifteenth Ann. Meet. of the Czechoslovak Soc. for Microbiol., Gottwaldov, October 7-9, 1980, Abstracts of Commun. pp. 81.
33. Lebeda, A., Zavadil, K.: Seleční tlak v systému *Bremia lactucae* Regel - *Lactuca sativa* L. (Selection pressure in the system *Bremia lactucae* Regel - *Lactuca sativa* L.). Sborník referátů přednesených na symposiu "Fysiologie a ekologie fytopatogenních mikroorganismů", 17. květen 1978, Praha. Československá společnost mykologická při ČSAV Praha, 1981, 63-66.
34. Lebeda, A.: Population genetics of lettuce downy mildew (*Bremia lactucae*). Phytopath. Z. 101, 1981, 228-239.
35. Lebeda, A.: Addition to Crute's re-interpretation of previously published data on pathogenic variation in *Bremia lactucae* (German population). Temperate Downy Mildews Newsletter No. 2, 1981, 16-18.
36. Lebeda, A.: International investigation of the genetic composition of European host-pathogen system *Lactuca sativa* L. - *Bremia lactucae* Regel. Temperate Downy Mildews Newsletter No. 2, 1981, 22-24.
37. Lebeda, A.: Quantitative methods for investigating the population of *Bremia lactucae* Regel. Temperate Downy Mildews Newsletter No. 2, 1981, 25-27.
38. Lebeda, A.: Nový insekticid rostlinného původu z rajčat (A new insecticide of a plant origin from tomatoes). Vesmír 60, 1981, 315.
39. Lebeda, A.: Epidemie plísně tabákové (Epidemics of tobacco downy mildew). Vesmír 60, 1981, 376.
40. Lebeda, A.: (Zadoks, J.C., Schein, R.D.: Epidemiology and plant disease management. Oxford Univ. Press, New York-Oxford 1979, 427 pp.). Biologia Plantarum 23, 1981, 219. (Book review)

41. Norwood, J.M., Crute, I.R., Lebeda, A.: The location and characteristics of novel sources of resistance to *Bremia lactucae* Regel (Downy mildew) in wild *Lactuca* L. species. *Euphytica* 30, 1981, 659-668.
42. Lebeda, A.: Zelinářský výzkum ve Velké Británii. I. Struktura, organizace a zaměření (Vegetable research in Great Britain. I. Structure, organization and subjects). *Záhradnictvo* 6, 1981, 77-79.
43. Lebeda, A.: Zelinářský výzkum ve Velké Británii. II. Plodové a listové zeleniny (Vegetable research in Great Britain. II. Solanaceous, cucurbits and leafy vegetables). *Záhradnictvo* 6, 1981, 127-129.
44. Lebeda, A.: Zelinářský výzkum ve Velké Británii. III. Cibulové a kořenové zeleniny (Vegetable research in Great Britain. III. Bulb and root vegetables). *Záhradnictvo* 6, 1981, 173-175.
45. Lebeda, A.: Zelinářský výzkum ve Velké Británii. IV. Luskoviny, košťáloviny a ostatní zeleniny (Vegetable research in Great Britain. IV. Leguminous, brassicas and miscellaneous vegetables). *Záhradnictvo* 6, 1981, 263-264.
46. Crute, I.R., Lebeda, A.: Evidence for a race-specific resistance factor in some lettuce (*Lactuca sativa* L.) cultivars previously considered to be universally susceptible to *Bremia lactucae* Regel. *Theor. Appl. Genet.* 60, 1981, 185-189.
47. Lebeda, A.: Fitness československé populace *Bremia lactucae* (Fitness of the Czechoslovak population of *Bremia lactucae*). Sborník referátů přednesených na sympoziu "Fyziologie a ekologie fytopatogenních hub". Praha 2-4. června 1981, 30.
48. Lebeda, A.: Stand der Resistenzzüchtung bei Gemüse in der ČSSR. *Archiv für Züchtungsforschung*, Berlin, 12, 1982, 305-317.
49. Lebeda, A.: Measurement of genetic diversity of virulence in populations of phytopathogenic fungi. *Z. Pflanzenkrh. Pflanzenschutz* 89, 1982, 88-95.
50. Lebeda, A.: Ekologická expozice v Britském muzeu (Ecological exhibition at the British museum). *Vesmír* 61, 1982, 60.
51. Lebeda, A.: Výzkum plísně salátové v Československu. I. Rozšíření patogena a genetické složení jeho populace (Research of lettuce downy mildew in Czechoslovakia. I. Distribution of the pathogen and genetic composition of its population). *Záhradnictvo* 7, 1982, 31-32.
52. Lebeda, A.: Výzkum plísně salátové v Československu. II. Genetické založení rezistence hostitele a nové zdroje rezistence (Research of lettuce downy mildew in Czechoslovakia. II. Genetic constitution of host resistance and its new sources). *Záhradnictvo* 7, 1982, 78-80.
53. Lebeda, A.: (Dixon, G.R.: *Vegetable crop diseases*. MacMillan Publishers Ltd., London and Basingstoke 1981, 404 pp.). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 18, 1982, 60. (Book review)
54. Lebeda, A.: (Dixon, G.R.: *Vegetable crop diseases*. MacMillan Publishers Ltd., London and Basingstoke 1981, 404 pp.). *Z. Pflanzenkrh. Pflanzenschutz*. 89, 1982, 557-558. (Book review)

55. Lebeda, A.: Geographic distribution of virulence factors in the Czechoslovakian population of *Bremia lactucae* Regel. Acta Phytopath. Acad. Sci. Hung. 17, 1982, 65-79.
56. Lebeda, A., Kúdela, V., Jedličková, Z., Švecová, M.: *Pseudomonas aeruginosa* as a potential pathogen of stored vegetables. XXIst International Hort. Congress, Hamburg 1982, Abstracts Vol. 1, 1530.
57. Kúdela, V., Švecová, M., Lebeda, A.: Průzkum původců bakterií fazolu v ČSSR (A study on the causative agents of bean bacteriosis in the Czechoslovak Socialist Republic). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 18, 1982, 181-191.
58. Lebeda, A.: Population genetic aspects in the study of phytopathogenic fungi. Acta Phytopath. Acad. Sci. Hung. 17, 1982, 215-219.
59. Lebeda, A.: Filosofické a metodologické aspekty aplikace teorie systémů v biologii (Philosophical and methodological aspects of systems theory application in biology). Postgraduate thesis, Palackého University, Olomouc, 1982, 28 pp.
60. Lebeda, A.: Biologie a genetika interakce *Lactuca sativa* - *Bremia lactucae* a její význam ve šlechtění salátu na rezistenci (Biology and genetics of *Lactuca sativa* - *Bremia lactucae* interaction and its role in lettuce resistance breeding). Kandidátská dizertační práce (Ph.D. thesis), VÚRV Praha 1982, 311 pp.
61. Lebeda, A.: Biologie a genetika interakce *Lactuca sativa* - *Bremia lactucae* a její význam ve šlechtění salátu na rezistenci (Biology and genetics of *Lactuca sativa* - *Bremia lactucae* interaction and its role in lettuce resistance breeding). ČSAV, Vědecké kolegium teoretických základů zemědělství, Autoreferát k získání vědecké hodnosti kandidáta věd (Czechoslovak Academy of Science, Scientific Advisory Board of Theoretical Principles of Agriculture. Author's summary of the Ph.D. thesis). Praha 1982, 33 pp.
62. Lebeda, A.: Výzkum rezistence zelenin v Československu a jeho perspektivy. I. Úvod, plodové zeleniny (Research on disease resistance of vegetable crops in Czechoslovakia and its future. I. Introduction, solanaceous and cucurbits). Záhradníctvo 8, 1983, 28-30.
63. Lebeda, A.: Výzkum rezistence zelenin v Československu a jeho perspektivy. II. Plodové a listové zeleniny (Research on disease resistance of vegetable crops in Czechoslovakia and its future. II. Solanaceous, cucurbits and leafy vegetables). Záhradníctvo 8, 1983, 82-84.
64. Lebeda, A.: Výzkum rezistence zelenin v Československu a jeho perspektivy. III. Cibulové a kořenové zeleniny, košťáloviny (Research on disease resistance of vegetable crops in Czechoslovakia and its future. III. Bulb, root and brassicas vegetables). Záhradníctvo 8, 1983, 123-124.
65. Lebeda, A.: Výzkum rezistence zelenin v Československu a jeho perspektivy. IV. Luskové zeleniny (Research on disease resistance of vegetable crops in Czechoslovakia and its future. IV. Leguminous vegetables). Záhradníctvo 8, 1983, 172-173.

66. Lebeda, A.: Výzkum rezistence zelenin v Československu a jeho perspektivy. V. Závěr (Research of disease resistance of vegetable crops in Czechoslovakia and its future. V. Conclusion). *Záhradnictvo* 8, 1983, 223-224.
67. Lebeda, A.: Vědecká konference o rezistenci rostlin (A symposium on plant disease resistance). *Záhradnictvo* 8, 1983, 174.
68. Lebeda, A.: Pastinák jako zdroj karcinogenních látek (Parsnips as a source of carcinogens). *Záhradnictvo* 8, 1983, 270.
69. Crute, I.R., Lebeda, A.: Two new specific resistance factors to *Bremia lactucae* identified in cultivars of lettuce. *Tests of Agrochemicals and Cultivars No. 4* (Ann. appl. Biol. 102, Supplement), 1983, 128-129.
70. Lebeda, A.: (Van Der Plank, J.E.: Host-pathogen interactions in plant disease. Academic Press, New York, London 1982, 207 pp.). *Sborník ÚVTIZ - Ochrana rostlin (Plant Protection)* 19, 1983, 61-62. (Book review)
71. Lebeda, A.: Resistenzquellen gegenüber *Bremia lactucae* bei Wildarten von *Lactuca* spp. Tag.-Ber., Akad. Landwirtsch.-Wiss. DDR, Berlin 216, 1983, 607-616.
72. Lebeda, A.: Description of *Sphaerotheca fuliginea* (Schlecht. ex Fr.) Poll. on cucumbers in Czechoslovakia. Abstracts of papers delivered at the 7th Conference of Czechoslovak mycologists held at České Budějovice, 13-18 September 1982. *Česká Mykologie (Czech Mycology)* 37, 1983, 113.
73. Lebeda, A.: Genetic diversity of virulence in the population of phytopathogenic fungi. Abstracts of papers delivered at the 7th Conference of Czechoslovak mycologists held at České Budějovice, 13-18 September 1982. *Česká Mykologie (Czech Mycology)* 37, 1983, 127.
74. Lebeda, A.: Zahradnický výzkum na Univerzitě v Hannoveru (Horticultural research at Hannover University). *Záhradnictvo* 8, 1983, 356-358.
75. Lebeda, A.: Přenos odolnosti vůči chorobám pomocí fúze rostlinných protoplastů (Disease resistance carried over by means of plant protoplast fusion). *Vesmír* 62, 1983, 252.
76. Lebeda, A.: Rezistence planých druhů rodu *Cucumis* k *Erysiphe cichoracearum* a *Sphaerotheca fuliginea* (Resistance of wild *Cucumis* species to *Erysiphe cichoracearum* and *Sphaerotheca fuliginea*). Proc. of the IX Czechoslovak Plant Protection Conference, Brno 1983, 127-128.
77. Lebeda, A., Rod, J.: Fytopatologie a ochrana rostlin na 21. mezinárodním zahradnickém kongresu v Hamburku. Ovocné dřeviny (Phytopathology and plant protection at the 21th International Horticultural Congress in Hamburg. Fruit trees). *Záhradnictvo* 8, 1983, 403-404.
78. Lebeda, A., Rod, J.: Fytopatologie a ochrana rostlin na 21. mezinárodním zahradnickém kongresu v Hamburku. Zelenina (Phytopathology and plant protection at the 21th International Horticultural Congress in Hamburg. Vegetables). *Záhradnictvo* 8, 1983, 459-462.
79. Lebeda, A., Rod, J.: Fytopatologie a ochrana rostlin na 21. mezinárodním zahradnickém kongresu v Hamburku. Okrasné rostliny (Phytopathology and plant protection at the 21th International Horticultural Congress in Hamburg. Ornamentals). *Záhradnictvo* 8, 1983, 512-513.

80. Lebeda, A.: Pythiové vadnutí - málo známá choroba salátu (Pythium wilt - a lesser known lettuce disease). *Záhradnictvo* 8, 1983, 555-557.
81. Lebeda, A.: Bioekonomické modely v zahradnictví (Bioeconomical models in horticulture). *Záhradnictvo* 8, 1983, 546-547.
82. Lebeda, A.: Šlechtitelský výzkum zahradnických plodin v Německé spolkové republice (Breeding research of horticultural crops in Federal German Republic). Sborník ze symposia "Rozvoj moderních šlechtitelských metod v zahradnictví", Olomouc 19-20 srpna 1983, 22-31.
83. Lebeda, A.: The genera and species spectrum of cucumber powdery mildew in Czechoslovakia. *Phytopath. Z.* 108, 1983, 71-79.
84. Lebeda, A.: (Fry, W.E.: Principles of plant disease management. Academic Press, New York, London 1982, 384 pp.). *Rostlinná výroba (Plant Production)* 29, 1983, 1156. (Book review)
85. Lebeda, A.: (Fry, W.E.: Principles of plant disease management. Academic Press, New York, London 1982, 384 pp.). *Biologia Plantarum* 25, 1983, 476-477. (Book review)
86. Lebeda, A.: Přehled činnosti fytopatologické laboratoře 1975 -1983 (Outlook on activity of phytopathological laboratory 1975-1983). Šlechtitelská stanice (Plant breeding station) Smržice 1983, 29 pp.
87. Lebeda, A., Zavadil, K.: Šlechtění salátu na rezistenci k chorobám (Breeding of lettuce on resistance to diseases). *Záhradnictvo* 9, 1984, 20-22.
88. Lebeda, A., Klemm, H.: Ermittlung der rassenspezifischen Faktoren der Resistenz im Salatsortiment *Lactuca sativa* L. der DDR gegen Falschen Mehltau, *Bremia lactucae* Regel. *Archiv für Züchtungsforschung*, Berlin 14, 1984, 343-351.
89. Lebeda, A.: Race-specific factors of resistance to *Bremia lactucae* in the world assortment of lettuce. *Scientia Horticulturae* 22, 1984, 23-32.
90. Lebeda, A.: Response of differential cultivars of *Lactuca sativa* to *Bremia lactucae* isolates from *Lactuca serriola*. *Trans. Br. mycol. Soc.* 83, 1984, 491-494.
91. Lebeda, A., Tichá, H.: The effect of Lidaprim<sup>R</sup> on emergence and yield of French bean. *Tests of Agrochemicals and Cultivars No. 5 (Ann. appl. Biol.* 104, Supplement), 1984, 92-93.
92. Lebeda, A.: Screening of wild *Cucumis* species for resistance to cucumber powdery mildew (*Erysiphe cichoracearum* and *Sphaerotheca fuliginea*). *Scientia Horticulturae* 24, 1984, 241-249.
93. Lebeda, A.: A contribution to the general theory of host-parasite specificity. *Phytopath. Z.* 110, 1984, 226-234.
94. Lebeda, A.: (Russel, G.E.: Plant breeding for pest and disease resistance. Butterworths, London, Boston, 1981, 486 pp.). Sborník ÚVTIZ - Genetika a šlechtění (Genetics and Plant Breeding) 20, 1984, 132. (Book review)
95. Lebeda, A.: (Ingram, D.S., Williams, P.H. /Eds./: Advances in plant pathology, Vol. 1. Academic Press, London, New York, 1982, 220 pp.). *Biologia Plantarum* 26, 1984, 316. (Book review)

96. Lebeda, A., Kůdela, V., Jedličková, Z.: Pathogenicity of *Pseudomonas aeruginosa* for plants and animals. Acta Phytopath. Acad. Sci. Hung. 19, 1984, 271-284.
97. Lebeda, A.: Wild *Lactuca* sp. as sources of stable resistance to *Bremia lactucae* - reality or supposition. Proc. Eucarpia Meeting on Leafy Vegetables, INRA, Versailles, 1984, 35-42.
98. Lebeda, A.: Rezistentní šlechtění zeleniny (Resistance breeding of vegetables). Sborník přednášek z konference "Ochrana polní zeleniny", Dům techniky ČSVTS Ostrava, 1984, 1-9.
99. Lebeda, A.: Zasedání Eucarpie o listových zeleninách ve Versailles (Eucarpia meeting on leafy vegetables in Versailles). Záhradnictvo 9, 1984, 414-416.
100. Lebeda, A.: Konference Eucarpie o listových zeleninách (Eucarpia symposium on leafy vegetables). Sborník ÚVTIZ - Genetika a šlechtění (Genetics and Plant Breeding) 20, 1984, 236.
101. Lebeda, A.: Genetická variabilita v systému *Lactuca* sp. - *Bremia lactucae* a její využití při šlechtění salátu na rezistenci (Genetic variability in the system *Lactuca* sp. - *Bremia lactucae* and its utilization in lettuce resistance breeding). Sborník ČSAZ č. 78, 1984, 21-23.
102. Lebeda, A., Syrovátko, P.: A contribution to cross inoculation of *Bremia lactucae* on various Compositae species. Temperate Downy Mildews Newsletter No. 3. 1984, 15.
103. Syrovátko, P., Lebeda, A., Skalický, V.: A morphological characteristic of *Bremia lactucae* asexual spores on different Compositae species. Temperate Downy Mildews Newsletter No. 3, 1984, 16-17.
104. Lebeda, A.: Zelinářské postřehy z Francie (Perceptions on vegetables from France). Záhradnictvo 9, 1984, 510-511.
105. Lebeda, A.: Biologie interakce *Lactuca* sp. - *Bremia lactucae* (Biology of *Lactuca* sp. - *Bremia lactucae* interaction). Soutěžní práce IV. celostátní konference ČSAZ o nejlepší vědeckou práci za rok 1984, 40 pp.
106. Lebeda, A.: Biologie interakce *Lactuca* sp. - *Bremia lactucae* (Biology of *Lactuca* sp. - *Bremia lactucae* interaction). Zborník z celostátnej a fakultnej konferencie mladých vedeckovýzkumných pracovníkov v odbore rastlinnej a živočišnej výroby, Nitra, Oktober 1984, 40-41.
107. Lebeda, A.: Nebezpečný a málo známý patogen okurek (Dangerous and lesser known pathogen of cucumbers). Záhradnictvo 10, 1985, 122-124.
108. Lebeda, A.: (Dixon, G.R.: Plant pathogens and their control in horticulture. MacMillan Publ., London and Basingstoke 1984, 256 pp.). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 21, 1985, 62. (Book review)
109. Lebeda, A.: (Dixon, G.R.: Plant pathogens and their control in horticulture. MacMillan Publ., London and Basingstoke 1984, 256 pp.). Z. Pflanzenkrh. Pflanzenschutz. 92, 1985, 335-336. (Book review)
110. Lebeda, A.: (Ingram, D.S., Williams, P.H. /Eds./: Advances in plant pathology, Vol. 1. Academic Press, London, New York, 1982, 220 pp.). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 21, 1985, 172. (Book review)



111. Lebeda, A.: Resistance of *Cucumis sativus* cultivars to *Cladosporium cucumerinum*. *Scientia Horticulturae* 26, 1985, 9-15.
112. Lebeda, A.: Susceptibility of some *Lactuca sativa* cvs. to natural infection by lettuce powdery mildew. *Tests of Agrochem. and Cult. No. 6* (Ann. appl. Biol. 106, Supplement), 1985, 158-159.
113. Lebeda, A.: Differences in resistance of wild *Lactuca* species to natural infection of lettuce powdery mildew (*Erysiphe cichoracearum*). *Euphytica* 34, 1985, 521-523.
114. Lebeda, A.: (Ingram, D.S., Helgeson, J.P. /Eds./: Tissue culture methods for plant pathologists. Blackwell Scientific Publ., Oxford 1983, 272 pp.). *Sborník ÚVTIZ - Ochrana rostlin (Plant Protection)* 21, 1985, 171-172.
115. Lebeda, A.: Response of some carrot (*Daucus carota*) cultivars to artificial inoculation by *Erwinia carotovora* subsp. *carotovora*. *Proc. Eucarpia Meeting on Root Vegetables, Olomouc 6th-9th August 1985*, 82-88.
116. Lebeda, A., Coufal, J.: Relationships between virus infection symptoms, carrot (*Daucus carota*) root quality and seed yield. *Proc. Eucarpia Meeting on Root Vegetables, Olomouc 6th-9th August 1985*, 107-117.
117. Lebeda, A., Marvanová, L., Buczkowski, J.: Occurrence of a new potential fungal pathogen (*Acremonium olidum*) on flower stems of carrot (*Daucus carota*) plants. *Proc. Eucarpia Meeting on Root Vegetables, Olomouc 6th-9th August 1985*, 102-106.
118. Lebeda, A.: Phytopathological evaluation of some vegetable genetic resources. *Proc. Eucarpia Genetic Resources Section, Inter. Symposium, Prague, March 27-29, 1985*, 79-84.
119. Lebeda, A.: (Crüger, G.: Pflanzenschutz im Gemüsebau. Verlag Eugen Ulmer, Stuttgart 1983, 422 pp.). *Sborník ÚVTIZ - Ochrana rostlin (Plant Protection)* 21, 1985, 310. (Book review)
120. Lebeda, A.: Přenos *Didymella bryoniae* semenem prokázán (Proof of transmission of *Didymella bryoniae* by seeds). *Záhradnictvo* 10, 1985, 410.
121. Lebeda, A.: Biologie interakce *Lactuca* sp. - *Bremia lactucae* (Biology of interaction of *Lactuca* sp. - *Bremia lactucae*). *Věstník ČSAZ*, XXXII, 1985, 202-203.
122. Lebeda, A.: (Gonick, L., Wheelis, M.: Genetik in cartoons. Verlag Paul Parey, Berlin und Hamburg, 1985, 224 pp.). *Sborník ÚVTIZ - Genetika a šlechtění (Genetics and Plant Breeding)* 21, 1985, 296. (Book review)
123. Kúdela, V., Hanker, I., Krátká, J., Kúdellová, A., Lebeda, A.: Ambilaterální škodlivost *Pseudomonas aeruginosa* a patofyziologie vaskulárního vadnutí (Ambilateral harmfulness of *Pseudomonas aeruginosa* and pathophysiology of vascular wilt). *Research Report C 03-329-006, VÚRV Praha, 1985*, 42 pp.
124. Lebeda, A.: Auftreten der natürlichen Infektion durch den Echten Mehltau (*Erysiphe cichoracearum*) bei der Gattung *Lactuca* in der Tschechoslowakei (Occurrence of natural infection by powdery mildew /*Erysiphe cichoracearum*/ on the genus *Lactuca* in Czechoslovakia). *Acta Phytopath. Acad. Sci. Hung.* 20, 1985, 149-162.

125. Lebeda, A.: Aplikace populačně genetických metod ve fytopatologii a šlechtění na rezistenci (Application of population genetical methods in plant pathology and resistance breeding). Sborník ze semináře "Půda-rostlina - životní prostředí", 28.8.-30.8.1985, Kostelec nad Černými lesy, Sborník ČSAZ č. 97, 1985, 109-113.
126. Lebeda, A.: Plíseň okurková a její epidemický výskyt v roce 1985 (Cucumber downy mildew and its epidemic occurrence in 1985). Záhradnictvo 11, 1986, 21-22.
127. Lebeda, A.: (Names of British plant diseases and their causes. Commonwealth Mycological Institute, British Society for Plant Pathology, Phytopath. Papers No. 28, 1984, 76 pp.). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 22, 1986, 18. (Book review)
128. Lebeda, A., Buczkowski, J.: Occurrence of *Erysiphe cichoracearum* perithecia on wild *Lactuca* species. J. Phytopathology 115, 1986, 21-28.
129. Lebeda, A.: (Mantell, S.H., Matthews, J.A., McKee, R.A.: Principles of plant biotechnology. An introduction to genetic engineering in plants. Blackwell Scientific Publ. Oxford, 1985, 269 pp.). Sborník ÚVTIZ - Genetika a šlechtění (Genetics and Plant Breeding) 22, 1986, 88. (Book review)
130. Lebeda, A.: Specificity of interactions between wild *Lactuca* species and *Bremia lactucae* isolates from *Lactuca serriola*. J. Phytopath. 117, 1986, 54-64.
131. Lebeda, A.: Výzkum rostlinných biotechnologií ve Velké Británii (Research of plant biotechnology in Great Britain). Úroda 34, 1986, 382-383.
132. Lebeda, A.: Epidemic occurrence of *Pseudoperonospora cubensis* in Czechoslovakia. Temperate Downy Mildews Newsletter No. 4, 1986, 15-17.
133. Lebeda, A.: Current trends in lettuce downy mildew (*Bremia lactucae*) research at Plant Breeding Station Smržice (Czechoslovakia). Temperate Downy Mildews Newsletter No. 4, 1986, 18-19.
134. Lebeda, A.: (Johnston, A., Booth, C. /Eds./: Plant pathologist's pocketbook. Second Edition. Commonwealth Mycological Institute, 1983, 439 pp.). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 22, 1986, 174. (Book review)
135. Lebeda, A., Jendrulek, T.: Možnosti studia interakce hostitel-patogen pomocí faktorové a shlukové analýzy (Possibilities of host-pathogen relationship study by factor and cluster analysis). Proc. of the X. Czechoslovak Conference on Plant Protection, Brno 2-5 September 1986, 13-14.
136. Buczkowski, J., Lebeda, A.: Vliv kultivačních podmínek na růst *Acremonium olidum* W.Gams in vitro (Influence of culture conditions on *Acremonium olidum* in vitro growth). Proc. of the X. Czechoslovak Conference on Plant Protection, Brno 2-5 September 1986, 107-108.
137. Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VHJ Sempra, VŠÚZ Olomouc 1986, pp. 286.
138. Lebeda, A.: *Fulvia fulva*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VHJ Sempra, VŠÚZ Olomouc 1986, 37-43.

139. Lebeda, A.: *Pseudoperonospora cubensis*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 81-85.
140. Lebeda, A.: Padlí okurkové (Cucumber powdery mildew), *Erysiphe cichoracearum*, *Sphaerotheca fuliginea*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 87-91.
141. Lebeda, A.: *Cladosporium cucumerinum*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 93-97.
142. Lebeda, A.: *Bremia lactucae*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 105-113.
143. Lebeda, A.: *Erwinia carotovora* subsp. *carotovora*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 153-159.
144. Lebeda, A.: *Peronospora pisi*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 209-214.
145. Lebeda, A.: *Erysiphe pisi*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 215-219.
146. Lebeda, A., Buczkowski, J.: *Fusarium oxysporum*, *Fusarium solani* - zkumavkový test (Tube test). In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 247-249.
147. Lebeda, A.: *Colletotrichum lindemuthianum*. In Lebeda, A. (Ed.): Metody testování rezistence zelenin vůči rostlinným patogenům (Methods of testing vegetable crops for resistance to plant pathogens). VĚJ Sempra, VŠÚZ Olomouc 1986, 259-265.
148. Lebeda, A.: Celostátní seminář o šlechtění rostlin na rezistenci k chorobám a škůdcům (Czechoslovak conference on resistance breeding of plants to pathogens and pests). *Záhradnictvo* 11, 1986, 364.
149. Lebeda, A.: Pozvánka na celostátní seminář o šlechtění rostlin (Invitation on Czechoslovak conference on plant breeding). *Úroda* 34, 1986, 425-426.
150. Lebeda, A.: Praktická aplikace poznatků fytopatologického výzkumu ve šlechtění zelenin na rezistenci k chorobám (Practical application of

- phytopathological research knowledge in breeding of vegetable crops to diseases). Věstník ČSAZ XXXIII, 1986, 690-693.
151. Lebeda, A.: Fytopatologický výzkum a služby ve Velké Británii (Phytopathological research and services in Great Britain). Sborník ÚVTIZ - Ochrana rostlin (Plant Protection) 23, 1987, 77-80.
  152. Lebeda, A., Coufal, J.: Evaluation of susceptibility of *Daucus carota* varieties to natural infection with *Erysiphe heraclei*. Archiv für Züchtungsforschung, Berlin, 17, 1987, 73-76.
  153. Lebeda, A., Jendrulek, T.: Application of cluster analysis for establishment of genetic similarity in gene-for-gene host-parasite relationships. J. Phytopath. 119, 1987, 131-141.
  154. Lebeda, A.: Screening of lettuce cultivars for field resistance to downy mildew. Tests of Agrochemicals and Cultivars No. 8 (Ann. appl. Biol. 110, Suppl.), 1987, 146-147.
  155. Lebeda, A., Marvanová, L., Buczkowski, J.: *Acremonium strictum*, a new potential pathogen in carrot flower stems. Z. Pflanzenkrh. Pflanzenschutz 94, 1987, 314-321.
  156. Lebeda, A., Rod, J.: Plíseň okurková (Cucumber downy mildew). Zahrádkár 19, 1987, 106-107.
  157. Lebeda, A., Rod, J.: Okurky a rezidua (Cucumbers and residuas). Zahrádkár 19, 1987, 228.
  158. Lebeda, A.: Budeme šlechtit na odolnost k plísni okurkové (Shall we breed for resistance to cucumber downy mildew). Záhradníctvo 12, 1987, 312-313.
  159. Lebeda, A. (Ed.): Šlechtitelská stanice Smržice-Čelechovice na Hané (Plant breeding station Smržice-Čelechovice na Hané). VHJ Sempra 1987.
  160. Lebeda, A., Jendrulek, T.: Zpracování kvantitativních infekčních dat metodami shlukové analýzy a jejich využití ve šlechtění rostlin na rezistenci (Elaboration of quantitative infection data by methods of cluster analysis and its application in plant breeding for resistance). Sborník referátů, Sympozium "60. let zahradnického výzkumu v Československu" (Zelinářství), Praha 18.-21.8.1987, 195-203.
  161. Lebeda, A. (Ed.): Využití fytopatologických metod ve šlechtění zelenin na rezistenci k chorobám a škůdcům (Application of phytopathological methods in vegetable breeding for resistance to diseases and pests). VHJ Sempra, VŠÚZ Olomouc, 1987.
  162. Lebeda, A.: Současné směry fytopatologického výzkumu a možnosti jeho aplikace ve šlechtění rostlin na rezistenci (Current trends of phytopathological research and possibilities of its application in plant breeding for disease resistance). In Lebeda, A. (Ed.): Využití fytopatologických metod ve šlechtění zelenin na rezistenci k chorobám a škůdcům (Application of phytopathological methods in vegetable breeding for resistance to diseases and pests). VHJ Sempra, VŠÚZ Olomouc, 1987, 18-32.
  163. Bartoš, P., Lebeda, A.: Teoretické koncepce šlechtění rostlin na rezistenci k chorobám (Theoretical concepts of plant breeding for disease resistance). In

- Lebeda, A. (Ed.): Využití fytopatologických metod ve šlechtění zelenin na rezistenci k chorobám a škůdcům (Application of phytopathological methods in vegetable breeding for resistance to diseases and pests). VHI Sempra, VŠÚZ Olomouc, 1987, 33-53.
164. Lebeda, A., Jendrůlek, T.: Metodické aspekty studia populačně genetických vztahů mezi rostlinami a fytopatogenními houbami (Methodological aspects of research on population genetic relationships between plants and plant pathogenic fungi). In Lebeda, A. (Ed.): Využití fytopatologických metod ve šlechtění zelenin na rezistenci k chorobám a škůdcům (Application of phytopathological methods in vegetable breeding for resistance to diseases and pests). VHI Sempra, VŠÚZ Olomouc, 1987, 142-161.
165. Lebeda, A., Havránek, P., Rod, J., Láska, P.: Současnost a budoucnost výzkumu rezistence zelenin vůči chorobám a škůdcům v Československu (Contemporary state and future of research on vegetable resistance to diseases and pests in Czechoslovakia). In Lebeda, A. (Ed.): Využití fytopatologických metod ve šlechtění zelenin na rezistenci k chorobám a škůdcům (Application of phytopathological methods in vegetable breeding for resistance to diseases and pests). VHI Sempra, VŠÚZ Olomouc, 1987, 234-253.
166. Lebeda, A., Jendrůlek, T.: Využití matematických metod při hodnocení rezistence zelenin (Use of mathematical methods for evaluation of vegetable crop resistance). Sborník referátů ze symposia "Zahradnictví do 3. tisíciletí", Lednice na Moravě, 1987, 83-93.
167. Lebeda, A., Jendrůlek, T.: Metody mnohorozměrné analýzy ve fytopatologii a genetice rezistence rostlin (Methods of multivariate analysis in plant pathology and resistance genetics of plants). Sborník referátů ze zasedání Komise genetiky, šlechtění a semenářství "Nové poznatky ve šlechtění rostlin II.: Odolnost k biotickým a abiotickým stressům". VÚK Tmava, 9. dubna 1987, 29-35.
168. Lebeda, A.: Závěry z konference o šlechtění zelenin na rezistenci (Conclusions from symposium on resistance breeding of vegetable crops). Věstník ČSAZ XXXIV, 1987, 557-559.
169. Augustín, J., Zemek, J., Kuniak, L., Lebeda, A., Páčová, Z.: Hydrolases of the genus *Pseudomonas*. Abstr. of papers from Symposium "Interbiotech 87", Bratislava, June 25-26, 1987, 83.
170. Lebeda, A., Jendrůlek, T.: Aplikace epidemiologických přístupů a výpočetní techniky při výzkumu rezistence rostlin (Application of epidemiological approaches and computing technics in research of plant resistance). Věstník ČSAZ XXXIV, 1987, 595-597.
171. Lebeda, A., Jendrůlek, T.: Differences in field resistance of lettuce to *B. lactucae* expressed by means of cluster analysis. Streszczenia komunikatow i posterow na sympozjum naukowe, Towarzyszące VI zwyczajnemu walnemu zgromadzeniu czlonkow PT Fit., Bydgoszcz 16.-18.9.1987, 11-12.

172. Lebeda, A., Jendrulek, T.: Cluster analysis as a method for evaluation of genetic similarity in specific host-parasite interaction (*Lactuca sativa* - *Bremia lactucae*). Theor. Appl. Genet. 75, 1987, 194-199.
173. Lebeda, A.: Poznatky z organizace biotechnologického výzkumu (Experiences from organization of biotechnological research). Věstník ČSAZ XXXIV, 1987, 42-44.
174. Lebeda, A., Bartoš, P.: Metody uchovávání biotrofních fytopatogenních hub (Methods of maintenance of biotrophic plant pathogenic fungi). Sborník ÚVTIZ - Ochrana rostlin 24, 1988, 155-159.
175. Lebeda, A.: Molekulární determinanty specifčnosti interakce rostlin a mikroorganismů (Molecular determinants of interaction specificity between plants and microorganisms). Biologické listy 53, 1988, 178-200.
176. Lebeda, A., Srovátko, P.: Specificity of *Bremia lactucae* isolates from *Lactuca sativa* and some Asteraceae plants. Acta Phytopath. Acad. Sci. Hung. 23, 1988, 39-48.
177. Lebeda, A., Jendrulek, T.: Application of methods of multivariate analysis in comparative epidemiology and research into field resistance. Z. Pflanzenkrh. Pflanzenschutz 95, 1988, 495-505.
178. Lebeda, A.: Výzkum rezistence genových zdrojů zelenin /Úvod, salát, okurky/ (Resistance research of vegetable genetic resources /Introduction, lettuce, cucumbers/). Záhradníctvo 13, 1988, 352-354.
179. Lebeda, A.: Výzkum rezistence genových zdrojů zelenin /Hrách, fazol, mrkev/ (Resistance research of vegetable genetic resources /Peas, beans, carrot/). Záhradníctvo 13, 1988, 409-411.
180. Lebeda, A.: Organizace zemědělského výzkumu v Nizozemí (The organization of agricultural research in the Netherlands). Věstník ČSAZ XXXV, 1988, 563-566.
181. Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, pp. 214.
182. Lebeda, A.: Specifčnost vztahu hostitel-parazit (Specificity of host-parasite interaction). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 11-15.
183. Lebeda, A.: Molekulární aspekty genetiky rezistence (Molecular aspects of resistance genetics). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 16-20.
184. Lebeda, A.: Populační genetika vztahu hostitel-parazit (Population genetics of host-parasite relationships). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 40-47.
185. Lebeda, A.: Evoluční aspekty vztahu hostitel-parazit (Evolutionary aspects of host-parasite interaction). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 48-55.

186. Lebeda, A.: Biotechnologické přístupy a strategie šlechtění (Biotechnological approaches and strategies in breeding). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 66-88.
187. Jendrulek, T., Lebeda, A.: Matematické modely vztahu hostitel-parazit (Mathematical models of host-parasite interaction). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 93-94.
188. Jendrulek, T., Lebeda, A.: Stanovení minimálního počtu genů řídících interakci hostitel-parazit (Establishment of the minimum number of genes controlling host-parasite interaction). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 94-96.
189. Jendrulek, T., Lebeda, A.: Hodnocení fenotypového projevu interakce hostitel-parazit (Evaluation of phenotypic expression of host-parasite interaction). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 96-103.
190. Jendrulek, T., Lebeda, A.: Epidemiologické metody hodnocení rezistence (Epidemiological methods of resistance evaluation). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 103-107.
191. Lebeda, A., Jendrulek, T.: Metody studia genetické variability virulence patogenních populací (Methods of study of virulence genetic variability in pathogenic populations). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 107-111.
192. Lebeda, A., Jendrulek, T.: Stanovení patogenní fitness (Establishment of pathogenic fitness). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 111-113.
193. Lebeda, A., Jendrulek, T.: Kvantitativní vyjádření ztrát způsobených patogeny (Quantitative evaluation of losses induced by pathogens). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 113-115.
194. Lebeda, A.: Pícniny (Forage crops). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 137-144.
195. Lebeda, A.: Luskoviny (Leguminous crops). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 144-149.
196. Lebeda, A.: Přádné rostliny (Fiber crops). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 149-151.

197. Lebeda, A.: Zeleniny (Vegetables). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 154-167.
198. Lebeda, A.: Ovocné dřeviny (Fruit trees). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 168-178.
199. Lebeda, A.: Réva vinná (Grapevine). In Lebeda, A. (Ed.): Šlechtění rostlin na rezistenci k chorobám (Plant breeding for disease resistance). Sborník ČSAZ, č. 120, 1988, 178-183.
200. Lebeda, A., Coufal, J., Kvasnička, P.: Evaluation of field resistance of *Daucus carota* cultivars to *Cercospora carotae* (Carrot leaf spot). *Euphytica* 39, 1988, 285-288.
201. Láska, P., Lebeda, A.: Resistance in wild *Cucumis* species to the glasshouse whitefly (*Trialeurodes vaporariorum*). *Archiv für Züchtungsforschung* 19, 1989, 89-93.
202. Lebeda, A.: Breeding impacts of relationships between crop and wild pathosystem *Lactuca* spp. - *Bremia lactucae*. Book of Posters and Abstracts, XII. Eucarpia Congress Göttingen, Part II, Poster Group 17/2, 1989.
203. Jendrulek, T., Lebeda, A.: The use of methods of multivariate analysis for evaluation of vegetable resistance. Book of Posters and Abstracts, XII. Eucarpia Congress Göttingen, Part II, Poster Group 17/1, 1989.
204. Lebeda, A.: Response of lettuce cultivars carrying resistance gene Dm11 to isolates of *Bremia lactucae* from *Lactuca serriola*. *Plant Breeding* 102, 1989, 311-316.
205. Lebeda, A., Jendrulek, T.: Application of multivariate analysis for characterizing the relationships between wild *Lactuca* spp. and *Bremia lactucae*. *Acta Phytopath. Ent. Hung.* 24, 1989, 317-331.
206. Lebeda, A.: Parazitismus (Parasitism). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 69-76.
207. Lebeda, A.: Patogenismus (Patogenism). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 77-82.
208. Lebeda, A.: Specifičnost vzájemných vztahů mezi hostitelem a patogenem (Specificity of host-pathogen relationships). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 87-107.
209. Lebeda, A.: Evoluce parazitismu a patogenismu (Evolution of parasitism and pathogenism). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 107-113.
210. Lebeda, A.: Populační a ekologická genetika fytopatogenních organismů (Population and ecological genetics of phytopathogenic organisms). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 288-298.
211. Lebeda, A.: Elektrofyzilogie infikovaných rostlin (Electrophysiology of infected plants). In Kůdela, V. (Ed.): *Obecná fytopatologie (General plant pathology)*. Academia, Praha 1989, 206-209.



212. Lebeda, A.: Infekční cyklus (Infection cycle). In Kůdela, V. (Ed.): Obecná fytopatologie (General plant pathology). Academia, Praha 1989, 114-161.
213. Lebeda, A.: Patologické změny struktury a ultrastruktury (Pathological changes of structure and ultrastructure). In Kůdela, V. (Ed.): Obecná fytopatologie (General plant pathology). Academia, Praha 1989, 181-185.
214. Lebeda, A.: Research report of a stage period at IVT and IPO. Wageningen (The Netherlands) 1989, 141 pp.
215. Lebeda, A.: Poznatky z XII. mezinárodního kongresu Eucarpia o šlechtění rostlin (Experiences from XII. International Eucarpia Congress on Plant Breeding). Záhradníctvo 14, 1989, 257-258.
216. Lebeda, A., Jendrulek, T., Syrovátko, P.: Application of multivariate analysis in research of conidial morphology of *Bremia lactucae* originating from the family Compositae. Directory 10th European Mycological Congress, Tallin (USSR), 1989, 51-52.
217. Lebeda, A.: Genetická variabilita *Bremia lactucae* v přírodním patosystému (Genetic variability of *Bremia lactucae* in wild pathosystem). Proc. of 8th Conference of Czechoslovak mycologists, Brno 1989, 121.
218. Lhotský, B., Zvára, J., Lebeda, A.: Citlivost některých druhů rodu *Cucumis* L. k nákaze houbou *Didymella bryoniae* (Auersw.) Rehm. (Sensitivity of some *Cucumis* L. species to infection by the fungus *Didymella bryoniae* (Auersw.) Rehm.). Proc. of 8th Conference of Czechoslovak mycologists, Brno 1989, 69.
219. Lebeda, A.: Vyšlechtíme okurky odolné proti plísni (Shall we bred cucumbers resistant to downy mildew). Zemědělské noviny XXXIX č. 33, 23.8.1989, příloha Zemědělec, s. 2.
220. Lebeda, A.: Organizační předpoklady úspěchů zemědělského výzkumu v Nizozemí (Organization assumptions of prosperity of agricultural research in the Netherlands). Věstník ČSAZ XXXVI, 1989, 679-686.
221. Lebeda, A.: Využití explantátových biotechnologií v nizozemském zahradnictví (Application in vitro biotechnologies in Dutch horticulture). Záhradníctvo 14, 1989, 544-545.
222. Lebeda, A.: Nález zdroje rezistence vůči plísni okurkové (Discovery of resistance source to cucumber downy mildew). Záhradníctvo 14, 1989, 496-497.
223. Lebeda, A.: Identification of a new race-specific resistance factors in lettuce (*Lactuca sativa*) cultivars to *Bremia lactucae*. Archiv für Züchtungsforschung 20, 1990, 103-108.
224. Lebeda, A., Blok, I.: Sexual compatibility types of *Bremia lactucae* isolates originating from *Lactuca serriola*. Neth. J. Pl. Path. 96, 1990, 51-54.
225. Lebeda, A.: A training manual (phytopathology). Joint FAO /IAEA Programme. IAEA Laboratories, 1990, pp. 21.
226. Lebeda, A.: Odrůdové zkušebnictví zahradních plodin v Nizozemí (Cultivar testing of horticultural crops in the Netherlands). Záhradníctvo 15, 1990, 26-27.

227. Lebeda, A.: Odrůdové zkušebnictví zahradních plodin v Nizozemí (Cultivar testing of horticultural crops in the Netherlands). *Záhradnictvo* 15, 1990, 67-69.
228. Lebeda, A.: Výzkum rostlinných biotechnologií v Nizozemí (Research of plant biotechnologies in the Netherlands). *Věstník ČSAZ XXXVII*, 1990, 171-175.
229. Lebeda, A.: Krizové jevy v československém zemědělském výzkumu (Crisis phenomenons in Czechoslovak agricultural research). *Věstník ČSAZ XXXVII*, 1990, 257-259.
230. Lebeda, A., Polák, J.: Návrh koncepce organizace československého zemědělského výzkumu (The proposed concept of the organisation of the Czechoslovak agricultural research). *Věstník ČSAZ XXXVII*, 1990, 259-261.
231. Lebeda, A., Polák, J.: Struktura a řízení zemědělského výzkumu v Nizozemí (Structure and management of agricultural research in the Netherlands). *Zemědělské noviny XXXX*, 18.4.1990, příloha *Zemědělec*, s. 1.
232. Lebeda, A.: The location of sources of field resistance to *Bremia lactucae* in wild *Lactuca* species. *Plant Breeding* 105, 1990, 75-77.
233. Lebeda, A.: Westland - skleníkové město světa (Westland - The glass city of the world). *Záhradnictvo* 15, 1990, 269-270.
234. Lebeda, A.: Postřehy z kalifornského zelinářství (Perceptions from California vegetable growing). *Záhradnictvo* 15, 1990, 317-318.
235. Lebeda, A., Rod, J.: Padlí rajčat - nová nebezpečná choroba (Tomato powdery mildew-a new dangerous disease). *Záhradnictvo* 15, 1990, 313-315.
236. Lebeda, A.: Výzkum rostlinných biotechnologií v Nizozemí - poznatky z ročního pobytu ve Wageningen (Research of plant biotechnologies in the Netherlands - experiences from one year stay in Wageningen). *Sborník prací "Somaklonální a gametoklonální variabilita a její využití ve šlechtění rostlin"* (Oseva, KVSUTPL, Šumperk 15.-16.11. 1989), 1990, 116-122.
237. Lebeda, A., Křístková, E.: Odolnost tykví vůči plísni okurkové (Resistance of cucurbits to downy mildew). *Záhradnictvo* 15, 1990, 358-359.
238. Lebeda, A.: Research of *Cucumis* resistance resources to *Pseudoperonospora cubensis*. XXIII International Horticultural Congress; Abstracts of Contributed Papers, 2. Poster 3064. Firenze (Italy) August 27 - September 1, 1990.
239. Lebeda, A. (Editor): Plíseň okurková (Cucurbit downy mildew). *Československá vědecká společnost pro mykologii při ČSAV*, Praha 1990, pp. 64.
240. Lebeda, A.: Biologie a ekologie plísně okurkové (Biology and ecology of cucurbit downy mildew). In Lebeda, A. (Ed.): *Plíseň okurková (Cucurbit downy mildew)*. *Československá vědecká společnost pro mykologii při ČSAV*, Praha 1990, 13-45.
241. Lebeda, A.: Vztahy mezi vědou a šlechtěním zelenin v Nizozemí (Relations between science and vegetable crop breeding in the Netherlands). *Věstník ČSAZ XXXVII*, 1990, 738-742.

242. Lebeda, A.: Využití vědeckých poznatků a metod ve šlechtění zelenin (Application of scientific knowledge and methods in vegetable crop breeding). *Záhradnictvo* 15, 1990, 552-554.
243. Lebeda, A.: (Kůdela, V. /Ed./: *Obecná fytopatologie /General plant pathology/*. Academia, Praha, 1989). *Biologické listy* 55, 1990, 319-320. (Book review)
244. Lebeda, A.: Využití vědeckých poznatků a metod ve šlechtění zelenin (Application of scientific knowledge and methods in vegetable crop breeding). *Záhradnictvo* 16, 1991, 29-31.
245. Lebeda, A.: Resistance in muskmelons to Czechoslovak isolates of *Pseudoperonospora cubensis* from cucumbers. *Scientia Hort.* 45, 1991, 255-260.
246. Lebeda, A., Blok, I.: Race-specific resistance genes to *Bremia lactucae* in new Czechoslovak lettuce cultivars and location of resistance in a *Lactuca serriola* x *Lactuca sativa* hybrid. *Archiv Phytopathol. Pflanzenschutz* 27, 1991, 65-72.
247. Lebeda, A.: Máme okurky s polní rezistencí vůči plísni okurkové (Have we cucumbers with the field resistance to cucumber downy mildew). *Záhradnictvo* 16, 1991, 72-73.
248. Lebeda, A.: (Lebeda, A. /Ed./: *Plíseň okurková (Cucurbit downy mildew)*. Československá vědecká společnost pro mykologii při ČSAV, Praha 1990, 64 pp.). *Záhradnictvo* 16, 1991, 65. (Book review)
249. Lebeda, A.: Šlechtitelský výzkum zahradních rostlin v Nizozemsku (Breeding research of horticultural crops in the Netherlands). *Věstník ČSAZ XXXVIII*, 1991, 236-240.
250. Lebeda, A.: Šlechtitelský výzkum zahradních rostlin v Nizozemsku (Breeding research of horticultural crops in the Netherlands). *Věstník ČSAZ XXXVIII*, 1991, 301-305.
251. Lebeda, A.: Organizace pěstování skleníkových zelenin v Nizozemí (Management of glasshouse vegetables growing in the Netherlands). *Záhradnictvo* 16, 1991, 68-69.
252. Lebeda, A.: Organizace pěstování skleníkových zelenin v Nizozemí (Management of glasshouse vegetables growing in the Netherlands). *Záhradnictvo* 16, 1991, 112-113.
253. Lebeda, A., Gajdoštin, P.: XXIII. Mezinárodní zahradnický kongres ve Florencii (XXIII. International Horticultural Congress in Firenze). *Záhradnictvo* 16, 1991, 117-120.
254. Gajdoštin, P., Lebeda, A.: Zeleninářská problematika XXIII. Mezinárodního zahradnického kongresu ve Florencii (Problems of vegetable crops on XXIII. International Horticultural Congress in Firenze). *Záhradnictvo* 16, 1991, 121-122.
255. Lebeda, A.: A training manual (Lecture: Principles of plant disease caused by pathogenic fungi. Practical training: Methods for evaluation of plant susceptibility/resistance to pathogenic fungi). Joint FAO/IAEA Programme, IAEA Laboratories-Seibersdorf, Austria, 1991, pp. 23.

256. Lebeda, A., Reinink, K.: Variation in the early development of *Bremia lactucae* on lettuce cultivars with different levels of field resistance. *Plant Pathology* 40, 1991, 232-237.
257. Lebeda, A., Boukema, I.W.: Further investigation of the specificity of interactions between wild *Lactuca* spp. and *Bremia lactucae* isolates from *Lactuca serriola*. *J. Phytopathology* 133, 1991, 57-64.
258. Lebeda, A.: Nad koncepcí rozvoje výzkumu rostlinných biotechnologií v ČSFR (Over the concept of development in the research of plant biotechnologies in the Czechoslovakia). *Věstník ČSAZ XXXVIII*, 1991, 344-349.
259. Lebeda, A.: Pěstování zeleniny v Itálii (Growing of vegetable crops in Italy). *Záhradnictvo* 16, 1991, 158-159.
260. Lebeda, A.: Plíseň okurková (Cucumber downy mildew). *Zahradkář* 23, 1991, 133. (Book review)
261. Lebeda, A.: Jak dál v zahradnickém výzkumu a školství? (How to continue in horticultural research and education?). *Věstník ČSAZ XXXVIII*, 1991, 581-583.
262. Lebeda, A.: Šlechtitelský výzkum zahradních rostlin v Nizozemí (Plant breeding research of horticultural crops in the Netherlands). *Záhradnictvo* 16, 1991, 323-324.
263. Lebeda, A.: Šlechtitelský výzkum zelenin v Nizozemí (Plant breeding research of vegetable crops in the Netherlands). *Záhradnictvo* 16, 1991, 358-359.
264. Lebeda, A.: Šlechtitelský výzkum okrasných rostlin v Holandsku (Plant breeding research of ornamental plants in Holland). *Záhradnictvo* 16, 1991, 399-402.
265. Kúdela, V., Lebeda, A.: Odolnost okurek k bakteriální hranaté skvrnitosti listů (Resistance of cucumbers to the bacterial angular leaf spot). *Záhradnictvo* 16, 1991, 405-406.
266. Jurik, M., Gallo, J., Lebeda, A.: Odolnost odrůd světového sortimentu hrachu k niektorým virusom (Resistance of world assortment of peas to some viruses). *Proc. of the XII. Czechoslovak Conference on Plant Protection, Praha, 17th-19th September 1991*, 145-146.
267. Lhotský, B., Lebeda, A., Zvára, J.: Resistance of wild *Cucumis* species to gummy stem blight (*Didymella bryoniae*). *Acta Phytopath. Ent. Hung.* 26, 1991, 303-306.
268. Lebeda, A., Prášil, J.: Protiplísňové okurky? (Cucumbers against downy mildew?). *České a moravskoslezské zemědělské noviny*, roč. II, č. 6, středa 8.1.1992, příloha *Zemědělec*, roč. LXIV, čís. 1, s. 6.
269. Lebeda, A.: The level of field resistance to *Bremia lactucae* in lettuce (*Lactuca sativa*) cultivars carrying the resistance gene *Dm11*. *Plant Breeding* 108, 1992, 126-131.
270. Lebeda, A.: Cucurbits breeding for multiple disease resistance. In Doruchowski, R.W., Kozik, E., Niemirowicz-Szczytt, K.(Eds.): *Proc. of Fifth Eucarpia Cucurbitaceae Symposium, July 27-31, 1992, Skierniewice (Poland)*, 125-131.
271. Lebeda, A.: Search for resistance in wild *Cucumis* species to twospotted spider mite (*Tetranychus urticae*). In Doruchowski, R.W., Kozik, E.,

- Niemirowicz-Szczytt, K. (Eds.): Proc. of Fifth Eucarpia Cucurbitaceae Symposium, July 27-31, 1992, Skierniewice (Poland), 171-174.
272. Lebeda, A., Křístková, E.: Differences in resistance to *Pseudoperonospora cubensis* in *Cucurbita pepo*. In Doruchowski, R.W., Kozik, E., Niemirowicz-Szczytt, K. (Eds.): Proc. of Fifth Eucarpia Cucurbitaceae Symposium, July 27-31, 1992, Skierniewice (Poland), 175-179.
273. Lebeda, A.: Susceptibility of accessions of *Cucumis sativus* to *Pseudoperonospora cubensis*. Tests of Agrochem. and Cult. No. 13 (Ann. appl. Biol., 120 Suppl.), 1992, 102-103.
274. Lebeda, A.: Screening of wild *Cucumis* species against downy mildew (*Pseudoperonospora cubensis*) isolates from cucumbers. Phytoparasitica 20, 1992, 203-210.
275. Lebeda, A.: (Stuteville, D.L., Erwin, D.C., /Eds./: Compendium of alfalfa diseases. Second Edition. The Amer. Phytopath. Soc. Press, St. Paul, 1990, 84 pp.). Česká Mykologie (Czech Mycology) 45, 1992, 184-185. (Book review)
276. Lebeda, A.: Interakce *Lactuca* spp. - *Bremia lactucae* jako modelový objekt pro výzkum rostlinného patosystému (Interaction *Lactuca* spp. - *Bremia lactucae* as a model object for the research of plant pathosystem). Doktorská disertační práce - autoreferát (DrSc. Thesis-autoreport). Vysoká škola zemědělská (Agricultural University) Brno, 1992, 65 pp.
277. Lebeda, A.: Interakce *Lactuca* spp. - *Bremia lactucae* jako modelový objekt pro výzkum rostlinného patosystému (Interaction *Lactuca* spp. - *Bremia lactucae* as a model object for the research of plant pathosystem). Doktorská disertační práce - komentář (DrSc. Thesis-commentary), Vysoká škola zemědělská (Agricultural University) Brno, 1992, 45 pp.
278. Lebeda, A.: Interakce *Lactuca* spp. - *Bremia lactucae* jako modelový objekt pro výzkum rostlinného patosystému (Interaction *Lactuca* spp. - *Bremia lactucae* as a model object for the research of plant pathosystem). Doktorská disertační práce - soubor původních vědeckých prací (DrSc. Thesis-collection of original scientific papers). Vysoká škola zemědělská (Agricultural University) Brno, 1992, 401 pp.
279. Bartoš, P., Lebeda, A., Huszár, J.: Šlechtění kulturních rostlin na odolnost (Breeding of cultivated plants for resistance). In Šedivý, J. (Ed.): Bílá kniha ochrany rostlin (White book of plant protection). Sborník AZV (Agricultural Academy of Science) ČSFR č. 156, 1992, 75-89.
280. Bocák, L., Jarošová, J., Kozelská, S., Lebeda, A., Rod, J.: Zeleniny (Vegetable crops). In Šedivý, J. (Ed.): Prioritní problémy rostlinolékařského výzkumu zemědělských plodin a skladovaných produktů (Priority problems of plant protection research in agricultural crops and storage products). AZV (Agricultural Academy of Science) ČSFR, Praha, 1992, 99-112.
281. Lebeda, A.: Změní se dosavadní přístup k zemědělskému výzkumu (Will be changed current approach to agricultural research). České a moravskoslezské zemědělské noviny, roč. II, úterý 4.8.1992.

282. Křístková, E., Lebeda, A.: SEMO Smržice - půlstoletí šlechtění (SEMO Smržice - Half a century dedicated to breeding). *Záhradnictvo* 17, 1992, 467-468.
283. Prášil, J., Lebeda, A.: Polní odolnost vůči plísni okurkové a hospodářské vlastnosti sortimentu okurek nakladaček (Field resistance to cucurbit downy mildew and farming characteristics of pickling cucumber assortment). *Záhradnictvo* 17, 1992, 468-470.
284. Lebeda, A., Královič, J., Šedivý, J., Šmirous, P., Trojan, V.: Rostlinolékařský výzkum přináší pokrok do zemědělství (Plant medicine research brings progress to agriculture). *Věstník AZV ČSFR LXIII*, 1992, 541-542.
285. Lebeda, A.: Šlechtění - výzkum - biotechnologie - ekonomika, několik příkladů z Nizozemska (Plant breeding - research - biotechnology - economy, some examples from the Netherlands). *Záhradnictvo* 18, 1993, 16-17.
286. Lebeda, A.: Eucarpia o šlechtění tykvovitých zelenin (Eucarpia on the breeding of cucurbit vegetables). *Záhradnictvo* 18, 1993, 140-142.
287. Lebeda, A., Křístková, E.: Genetická variabilita rodu *Cucumis* a její využití ve šlechtění (Genetic variability of the *Cucumis* genus and its utilization in plant breeding). *Genetika a šlechtění (Genetics and Plant Breeding, Praha)* 29, 1993, 59-66.
288. Lebeda, A., Křístková, E., Kubaláková, M., Havlický, T., Vagera, J., Binarová, P.: Biotechnologické metody ve šlechtění tykvovitých zelenin (Biotechnological methods in breeding of cucurbit vegetables). *Rostlinná Výroba (Plant Production)* 39, 1993, 171-179.
289. Lebeda, A., Prášil, J.: Odolnost světového sortimentu okurek k plísni okurkové (Resistance of world cucumber assortment against cucumber downy mildew). *Záhradnictvo* 18, 1993, 187-188.
290. Kozelská, S., Novotný, R., Lebeda, A., Křístková, E.: Výskyt virových chorob na tykvích v České republice (Occurrence of virus diseases on cucurbits in Czech Republic). *Záhradnictvo* 18, 1993, 226-227.
291. Lebeda, A., Křístková, E.: Resistance of *Cucurbita pepo* and *Cucurbita moschata* varieties to cucurbit downy mildew (*Pseudoperonospora cubensis*). *Plant Varieties and Seeds* 6, 1993, 109-114.
292. Lebeda, A.: Einführung in die falschen Mehltaupilze. *Phytomedizin. Mitteilungen der Deutschen Phytomedizinischen Gesellschaft e.V.* 23, 1993, Nr. 2.
293. Lebeda, A.: Histology of resistance derived from wild *Lactuca* species to *Bremia lactucae*. Report on research programme (for the Commission of the European Communities, Brussel), Horticulture Research International, Wellesbourne (U.K.), 1993, 54 pp.
294. Lebeda, A.: Fytopatologické a šlechtitelské aspekty studia rezistence genových zdrojů čeledi Cucurbitaceae (Phytopathological and plant breeding aspects of resistance research of Cucurbitaceae genetic resources). Habilitační práce (Thesis for the degree of associate professor). Vysoká škola zemědělská (Agricultural University) Brno, Zahradnická fakulta (Faculty of Horticulture) Lednice na Moravě, 1993, 286 pp.

295. Reinink, K., Groenwold, R., Lebeda, A.: Characterization of nonhost resistance to lettuce downy mildew (*Bremia lactucae*) in *Lactuca saligna*. In Jacobs, Th., Parlevliet, J.E. (Eds.): Durability of disease resistance. Kluwer Academic Publishers, Dordrecht, 1993, 340.
296. Lebeda, A.: Evaluation of wild *Lactuca* species for resistance to natural infection of powdery mildew (*Erysiphe cichoracearum*). Genetic Resources and Crop Evolution 41, 1994, 55-57.
297. Lebeda, A., Křístková, E., Prášil, J., Doležel, J., Doležal, K., Fellner, M., Kubaláková, M., Vagera, J., Kozelská, S.: Využití biotechnologických a fytopatologických metod ve šlechtění tykvovitých zelenin (Application of biotechnological and phytopathological methods in breeding of cucurbit vegetables). In Griga, M., Dostál, J. (Eds.): Sborník ze semináře konaného 19.-20. ledna 1994, VÚOZ Průhonice 1994, 52-59.
298. Kubaláková, M., Křístková, E., Lebeda, A.: Získání hybridu *C. sativus* x *C. melo* pomocí embryokultur (Production of hybrid *C. sativus* x *C. melo* through embryoculture). In Griga, M., Dostál, J. (Eds.): Sborník II (plakátová sdělení) ze semináře konaného 19.-20. ledna 1994, VÚOZ Průhonice 1994, 99-101.
299. Doležal, J., Havránek, P., Lebeda, A., Potomková, J.: In memoriam: RNDr. Ing. František J. Novák, DrSc. Genetika a šlechtění (Genetics and Plant Breeding, Praha) 30, 1994, 77-79.
300. Lebeda, A.: Zamyšlení nad ukončením činnosti Výzkumného a šlechtitelského ústavu zelenářského v Olomouci (Thinking about closing of activity of Vegetable Research and Breeding Institute in Olomouc). Záhradnictvo 19, 1994, 141-143.
301. Jurík, M., Gallo, J., Lebeda, A.: Stupeň náchylnosti odrod hrachu k prenosu virusu mozaikového zvinovania listov hrachu voškami (Degree of sensitivity of pea varieties to aphid-transmitted peas seed-borne mosaic virus). Ochrana rostlin (Plant Protection, Praha) 30, 1994, 107-111.
302. Lebeda, A., Schwinn, F.J.: The downy mildews-an overview of recent research progress. J. Plant Dis. Protec. 101, 1994, 225-254.
303. Lebeda, A., Křístková, E.: Polní odolnost cuket k padlí tykvovitých (Field resistance of cucurbits to powdery mildew). Záhradnictvo 19, 1994, 263-264.
304. Jurík, M., Lebeda, A., Gallo, J.: Resistance to legume viruses in green peas. Acta Virologica 38, 1994, 97-99.
305. Lebeda, A., Reinink, K.: Histological characterization of resistance in *Lactuca saligna* to lettuce downy mildew. Physiol. Mol. Plant Pathol. 44, 1994, 125-139.
306. Jurík, M., Gallo, J., Matisová, J., Lebeda, A.: Alfalfa mosaic virus detection in wild peas. Proceedings of the XIII. Czech and Slovak Plant Protection Conference, Prague 12.9.-15.9.1994, 110-111.
307. Lebeda, A., Reinink, K.: Expression of different resistance mechanisms by *Lactuca* sp. in early stages of *Bremia lactucae* development. Proceedings of

- the XIII. Czech and Slovak Plant Protection Conference, Prague 12.9.-15.9. 1994, 157-158.
308. Doležel, J., Lebeda, A.: Cell cycle changes in *Cucumis sativus* leaves after infection with *Pseudoperonospora cubensis*. Proceedings of the XIII. Czech and Slovak Plant Protection Conference, Prague 12.9.-15.9.1994, 159-160.
309. Lebeda, A., Reinink, K.: Vergleichende Histologie der rassenspezifischen und Nicht-Wirts-Resistenz bei *Lactuca saligna* gegenüber *Bremia lactucae*. Phytomedizin. Mitteilungen der Deutschen Phytomedizinischen Gesellschaft 24, Nr. 3, 1994, 58-59.
310. Lebeda, A., Křístková, E.: Odolnost světového sortimentu tykví k padlí tykvovitých (Resistance of world cucurbit assortment to cucurbit powdery mildew). Záhradníctvo 19, 1994, 307-309.
311. Lebeda, A.: Pokroky ve šlechtění zelenin na rezistenci k chorobám (Progress in resistance breeding of vegetable crops). Zahradnictví (Horticultural Science, Praha) 21, 1994, 287-298.
312. Lebeda, A.: Nové poznatky o padlí rajčat (New findings on tomato powdery mildew). Zahradnictví 19, č. 11, 1994, 12-13.
313. Lebeda, A. (Ed.): Smržice, příroda-historie-lidé (Smržice, nature-history -people). Smržice 1994, 532 s.
314. Lebeda, A., Křístková, E.: Field resistance of *Cucurbita* species to powdery mildew (*Erysiphe cichoracearum*). J. Plant Dis. Protec. 101, 1994, 598-603.
315. Lebeda, A., Prášil, J.: Susceptibility of *Cucumis sativus* cultivars to *Pseudoperonospora cubensis*. Acta Phytopath. Ent. Hung. 29, 1994, 89-94.
316. Lebeda, A.: Perspektivní směry ve výzkumu a šlechtění rostlin na rezistenci k chorobám (Perspective of plant disease resistance research and breeding). Genetika a šlechtění (Genetics and Plant Breeding, Praha) 31, 1995, 63-75.
317. Reinink, K., Lebeda, A., Groenwold, R.: Durable resistance to the lettuce downy mildew. Europ. J. Plant Path., XIII. International Plant Protection Congress (Abstracts), The Hague, The Netherlands, 2-7 July 1995, 469.
318. Křístková, E., Lebeda, A.: Členění druhu tykev obecná (*Cucurbita pepo* L.) (Differentiation of the species *Cucurbita pepo* L.). Zahradnictví 20, č. 7, 1995, 11-13.
319. Křístková, E., Lebeda, A.: Tykev obecná - morfotypy a jejich vývoj (*Cucurbita pepo* - morphotypes and their development). Zahradnictví 20, č. 8, 1995, 12-13.
320. Lebeda, A., Kozelská, S., Křístková, E.: Cucurbits. Twenty Third Annual Newsletter (for 1994) of the ISHS-Vegetable Virus Working Group. Wellesbourne, U.K., June 1995, 32.
321. Lebeda, A., Kozelská, S., Křístková, E., Novotný, R.: Distribution of viruses on *Cucurbita pepo* in the Czech Republic. Advances in Vegetable Virus Research, Proc. of the 8th Conference on Virus Diseases of Vegetables. July 9-15, 1995, Prague, Czech Republic, 58-61.
322. Lebeda, A., Křístková, E.: Screening of *Cucurbita* spp. germplasm for resistance to cucumber mosaic virus (CMV). Advances in Vegetable Virus



- Research, Proc. of the 8th Conference on Virus Diseases of Vegetables. July 9-15, 1995, Prague, Czech Republic, 154-157.
323. Lebeda, A., Pink, D.A.C.: Expression of resistance to *Bremia lactucae* in wild species of *Lactuca*. The Downy Mildew Fungi, An International Symposium organised by The British Mycological Society, Gwatt (Switzerland), 29 August - 2 September 1995, Abstracts, pp. 35.
324. Lebeda, A.: Resistance in Cucurbitaceae to *Pseudoperonospora cubensis*. The Downy Mildew Fungi, An International Symposium organised by The British Mycological Society, Gwatt (Switzerland), 29 August - 2 September 1995, Abstracts, p. 46.
325. Lebeda, A., Křístková, E.: Variabilität der Feldresistenz bei den Genotypen von *Cucurbita pepo* gegenüber Echtem Mehltau (*Erysiphe cichoracearum* und *Sphaerotheca fuliginea*). Phytomedizin. Mitteilungen der Deutschen Phytomedizinischen Gesellschaft 25, 1995, 18-19.
326. Lebeda, A.: Report on scientific programme. Horticulture Research International, Wellesbourne (U.K.), 9 June - 18 August 1995, 107 pp.
327. Křístková, E., Lebeda, A.: Metody hodnocení rezistence tykví (*Cucurbita* spp.) k padlí (Methods of the evaluation of the cucurbits (*Cucurbita* spp.) resistance to the powdery mildew). Ochrana biodiverzity rostlin (Conservation of plant biodiversity), Proceedings from scientific conference held on 28 - 29 September 1995 at University of Agriculture in Nitra (Slovak Republic), pp. 115-116.
328. Lebeda, A., Křístková, E., Dušek, K.: Genové zdroje zahradních rostlin (Genetic resources of horticultural crops). Zahradnictví 20, 1995, č. 10, 24-26.
329. Kubaláková, M., Doležal, J., Lebeda, A.: Occurrence of polyploidy in cucumber tissue culture. Recent Advances in Plant Biotechnology, Institute of Plant Genetics, Nitra (Slovak Republic), October 2-6, 1995, Book of Abstracts, pp. 168.
330. Lebeda, A., Křístková, E., Kubaláková, M.: Mezidruhová hybridizace: okurka setá a meloun cukrový I. (Interspecific hybridization: cucumbers and muskmelon I.). Zahradnictví 20, 1995, č. 11, 11-12.
331. Lebeda, A., Křístková, E., Kubaláková, M.: Mezidruhová hybridizace: okurka setá a meloun cukrový II. (Interspecific hybridization: cucumbers and muskmelon II.). Zahradnictví 20, 1995, č. 12, 12-13.
332. Lebeda, A., Doležal, K.: Peroxidase isozyme polymorphism as a potential marker for detection of field resistance in *Cucumis sativus* to cucumber downy mildew (*Pseudoperonospora cubensis* (Berk. et Curt.) Rostov.). J. Plant Dis. Protec. 102, 1995, 467-471.
333. Lebeda, A.: Úvodní slovo k semináři o genových zdrojích zahradních rostlin (Introductory notes on the seminar about genetic resources of garden plants). Zahradnictví (Horticultural Science, Praha) 22, 1995, 109-110.
334. Lebeda, A., Křístková, E.: Genové zdroje zelenin rodu *Lactuca* (Genetic resources of vegetable crops from the genus *Lactuca*). Zahradnictví (Horticultural Science, Praha) 22, 1995, 117-121.

335. Křístková, E., Lebeda, A.: Genové zdroje zelenin čeledi *Cucurbitaceae* (Genetic resources of vegetable crops from the family *Cucurbitaceae*). *Zahradnictví* (Horticultural Science, Praha) 22, 1995, 123-128.
336. Lebeda, A.: (Ellis, P.R., Entwistle, A.R., Walkey, D.G.A.: Pests and Diseases of Alpine Plants. Pershore, Worcestershire (UK), Alpine Garden Society 1993, 320 pp.). *Ochrana Rostlin* (Plant Protection, Praha) 31, 1995, 286. (Book review)
337. Lebeda, A.: (Hoffmann, G.M., Nienhaus, F., Poehling, H.M., Schönbeck, F., Weltzien, H.C., Wilbert, H.: Lehrbuch der Phytomedizin (3. neubearbeitete Auflage). Blackwell Wissenschafts-Verlag, Berlin, 1994, 542 pp.). *Ochrana Rostlin* (Plant Protection, Praha) 31, 1995, 295-296. (Book review)
338. Lebeda, A.: Mezinárodní sympozium o peronosporálních houbách /The Downy Mildew Fungi/ (International symposium on peronosporaceous fungi /The Downy Mildew Fungi/). *Ochrana Rostlin* (Plant Protection, Praha) 31, 1995, 310-312.
339. Lebeda, A., Křístková, E.: Olomouc Group - Cucurbitaceae. Twenty Fourth Annual Newsletter (for 1995) of the ISHS - Vegetable Virus Working Group. Torino (Italy) 1996, pp. 32.
340. Lebeda, A., Křístková, E.: Genotypic variation in field resistance of *Cucurbita pepo* cultivars to powdery mildew (*Erysiphe cichoracearum*). *Genetic Resources and Crop Evolution* 43, 1996, 79-84.
341. Lebeda, A., Kincl, L. (Ed.): Katedra botaniky přírodovědecké fakulty Univerzity Palackého v Olomouci (Department of Botany, Faculty of Natural Sciences of Palacký University in Olomouc). Katedra botaniky PřF UP Olomouc, 1996, 64 pp.
342. Lebeda, A., Křístková, E., Kubaláková, M.: Interspecific hybridization of *Cucumis sativus* × *Cucumis melo* as potential way to transfer resistance to *Pseudoperonospora cubensis*. In Gómez-Guillamón, M.L., Soria, C., Cuartero, J., Torés, J.A., Fernández-Muñoz, R. (Eds.): Cucurbits Towards 2000. Proceedings of the VIth Eucarpia Meeting on Cucurbit Genetics and Breeding, May 28-30, 1996, Malaga (Spain), pp. 31-37.
343. Fellner, M., Binarová, P., Lebeda, A.: Isolation and fusion of *Cucumis sativus* and *Cucumis melo* protoplasts. In Gómez-Guillamón, M.L., Soria, C., Cuartero, J., Torés, J.A., Fernández-Muñoz, R. (Eds.): Cucurbits Towards 2000. Proceedings of the VIth Eucarpia Meeting on Cucurbit Genetics and Breeding, May 28-30, 1996, Malaga (Spain), pp. 202-209.
344. Lebeda, A., Křístková, E.: Variation in *Cucurbita* spp. for field resistance to powdery mildew. In Gómez-Guillamón, M.L., Soria, C., Cuartero, J., Torés, J.A., Fernández-Muñoz, R. (Eds.): Cucurbits Towards 2000. Proceedings of the VIth Eucarpia Meeting on Cucurbit Genetics and Breeding, May 28-30, 1996, Malaga (Spain), pp. 235-240.
345. Lebeda, A., Křístková, E.: Evaluation of *Cucurbita* spp. germplasm resistance to CMV and WMV-2. In Gómez-Guillamón, M.L., Soria, C., Cuartero, J., Torés, J.A., Fernández-Muñoz, R. (Eds.): Cucurbits Towards 2000.

- Proceedings of the Vith Eucarpia Meeting on Cucurbit Genetics and Breeding, May 28-30, 1996, Malaga (Spain), pp. 306-312.
346. Lebeda, A.: (Ellis, P.R., Entwistle, A.R., Walkey, D.G.A.: Pests and diseases of alpine plants. Alpine Garden Society, Avon Bank, Pershore, Worcestershire, UK, 1993, 320 pp.). J. Plant Dis. Protec. 103, 1996, 221-222. (Book review)
347. Lebeda, A.: Host-parasite interaction between lettuce and *Bremia lactucae*. Preisverleihung der Rudolf Hermanns Stiftung. Sonderheft der "Mitteilungen der Gesellschaft zur Förderung der Forschungsanstalt Geisenheim", Juni 1996, 35-39.
348. Lebeda, A.: Výzkum rezistence genových zdrojů zahradních rostlin - modelový systém *Lactuca* spp. - *Bremia lactucae* (Research on resistance of genetic resources of horticultural crops - a model relationship between *Lactuca* spp. and *Bremia lactucae*). Zahradnictví (Horticultural Science, Prague) 23, 1996, 63-70.
349. Kubaláková M., Doležel, J., Lebeda, A.: Ploidy instability of embryogenic cucumber (*Cucumis sativus* L.) callus culture. Biologia Plantarum 38, 1996, 475-480.
350. Křístková, E., Lebeda, A.: A comparison of asexual spores as a tool for distinguishing between two cucurbit powdery mildew species collected in some mid-european countries. Sixth International Fungal Spore Conference, August 25-29, 1996, University Konstanz (Germany), Book of Abstracts, pp. 66.
351. Lebeda, A., Pink, D.A.C.: Variation in germ tube growth and disease initiation by *Bremia lactucae* on different wild *Lactuca* species and interspecific hybrids. Sixth International Fungal Spore Conference, August 25-29, 1996, University Konstanz (Germany), Book of Abstracts, pp. 73.
352. Křístková, E., Lebeda, A.: Konference Eucarpia o tykvovitých zeleninách (Conference Eucarpia on cucurbit vegetables). Zahradnictví 21, 1996, č. 9, 18-20.
353. Lebeda, A., Křístková, E.: Resistance in *Cucurbita pepo* and *Cucurbita maxima* germplasms to cucumber mosaic virus. Genetic Resources and Crop Evolution 43, 1996, 461-469.
354. Křístková, E., Lebeda, A.: Šlechtění zeleniny a ovoce ve Španělsku - experimentální stanice "La Mayora" v Andalusii (Breeding of vegetable and fruit crops in the Spain - experimental station "La Mayora" in Andalusia). Zahradnictví 21, 1996, č. 10, 5-6.
355. Lebeda, A., Křístková, E.: VI. konference "Eucarpia Cucurbitaceae" - Španělsko 1996 (VI. Conference "Eucarpia Cucurbitaceae" - Spain 1996). Genetika a Šlechtění (Genetics and Plant Breeding, Praha) 32, 1996, 221-223.
356. Lebeda, A.: (Hock, B., Elstner, E.F. /Eds./: Schadwirkungen auf Pflanzen. Lehrbuch der Pflanzentoxikologie. 3. überarbeitete Auflage. - Spektrum Akademischer Verlag, Heidelberg.Berlin.Oxford, 1995, 444 pp.). Ochrana Rostlin (Plant Protection, Praha) 32, 1996, 239-240 (Book review)
357. Lebeda, A.: Stav šlechtění tykvovitých na rezistenci k chorobám (Status of cucurbits resistance breeding to diseases). Zahradnictví 21, 1996, č. 11, 7-10.

358. Lebeda, A., Kozelská, S., Křístková, E., Novotný, R.: The occurrence of viruses on *Cucurbita* spp. in the Czech Republic and resistance of squash cultivars to CMV and WMV-2. *J. Plant Dis. Protec.* 103, 1996, 455-463.
359. Lebeda, A.: (Robinson, R.A.: Return to Resistance. Breeding Crops to Reduce Pesticide Dependence. AgAccess, Davis, California, 1996, 480 pp.).  
*Ochrana Rostlin (Plant Protection, Prague)* 32, 1996, 319-320 (Book review)
360. Lebeda, A.: Resistance in wild *Cucumis* species to twospotted spider mite (*Tetranychus urticae*). *Acta Phytopath. Entom. Hung.* 31, 1996, 247-252.
361. Křístková, E., Lebeda, A.: Rozšíření původců padlí na porostech tykvovitých zelenin v České republice (Distribution of powdery mildew on cucurbit crops in the Czech Republic). *Zahradnictví* 22, 1997, č. 3, 10-13.
362. Lebeda, A., Kubaláková, M., Křístková, E., Doležal, K., Navrátilová, B., Doležel, J.: Morphological and biochemical characteristics of plants derived from an interspecific hybridization of *Cucumis sativus* x *Cucumis melo*. Abstract Book, 1<sup>st</sup> International ISHS Symposium on Cucurbits, 20-23 May 1997, Adana (Turkey), pp. 22.
363. Lebeda, A.: *Pseudoperonospora cubensis* on *Cucumis* spp. and *Cucurbita* spp. - resistance breeding aspects. Abstract Book, 1<sup>st</sup> International ISHS Symposium on Cucurbits, 20-23 May 1997, Adana (Turkey), pp. 88.
364. Křístková, E., Lebeda, A.: Searching of *Cucumis sativus* L. genetic resources for field resistance to powdery mildew of cucurbits. Abstract Book, 1<sup>st</sup> International ISHS Symposium on Cucurbits, 20-23 May 1997, Adana (Turkey), pp. 89.
365. Křístková, E., Lebeda, A.: Powdery mildews on *Cucurbita* spp. in the Czech Republic. Abstract Book, 1<sup>st</sup> International ISHS Symposium on Cucurbits, 20-23 May 1997, Adana (Turkey), pp. 90.
366. Lebeda, A., Křístková, E., Kozelská, S.: Olomouc Group - Cucurbitaceae. Twenty Fifth Annual Newsletter (for 1996) of the ISHS-Vegetable Virus Working Group. Instituto Fitovirolgia Applicata, Torino (Italy), 1997, 32-33.
367. Táborský, V., Lebeda, A.: Česká fytopatologická společnost. Seznam pracovišť a adresář pracovníků v České republice (Czech Phytopathological Society. List of work centers and addresses of the staff in the Czech Republic). Česká fytopatologická společnost, Praha, 1997, 40 pp.
368. Kúdela, V., Lebeda, A.: Response of wild *Cucumis* species to inoculation with *Pseudomonas syringae* pv. *lachrymans*. *Genetic Resources and Crop Evolution* 44, 1997, 271-275.
369. Halčínová, B., Lebeda, A.: Padlí rajčat - biologie, ekologie a rozšíření v České republice (Tomato powdery mildew - biology, ecology a distribution in the Czech Republic). *Rostlinolékař (Phytomedicine)* 8, 1997, No. 3, 9-11.
370. Lebeda, A.: Virulence distribution, dynamics and diversity in German population of lettuce downy mildew (*Bremia lactucae*). Report on research programme, TU Munich, Department of Plant Pathology, Freising-Weihenstephan, August 1997, 50 pp.

371. Křístková, E., Lebeda, A.: Mezinárodní vědecká konference o tykvovitých zeleninách - Adana 1997 (International scientific conference on cucurbit vegetables - Adana 1997). *Zahradnictví* 22, 1997, č. 8, 4-5.
372. Lebeda, A., Křístková, E.: Eucarpia o listových zeleninách bude v roce 1999 v Olomouci (Eucarpia on leafy vegetables will be in 1999 in Olomouc). *Zahradnictví* 22, 1997, č. 8, 10-11.
373. Křístková, E., Lebeda, A.: Využití potenciálu planě rostoucích druhů ve šlechtění zeleniny (Exploration of wild species potential in vegetable breeding). In: Frček, J., Domkářová, J. (Eds.): Význam planých druhů a krajových odrůd pro pěstování a šlechtění zemědělských plodin (Importance of wild species and landraces in growing and breeding of agricultural crops). Sborník referátů z odborného semináře, Havlíčkův Brod 1996, pp. 30-36.
374. Křístková, E., Lebeda, A.: Influence of biologically active substances on fruits development, seeds and embryos formation during an interspecific crossing of *Cucumis sativus* and *Cucumis melo*. *Bulletin of Experimental Plant Biology (Olomouc)* No. 12, 1997, 26 (Abstract)
375. Lebeda, A., Kubaláková, M., Křístková, E., Navrátilová, B., Doležal, K., Doležel, J., Lysák, M.: Interspecific hybridization of *Cucumis sativus* L. x *Cucumis melo* L. In Kobza, F., Pidra, M., Pokluda, R. (Eds.): Proc. of Inter. Hortic. Sci. Conference "Biological and Technical Development in Horticulture", Lednice na Moravě (Czech Republic) 1997, pp. 49-52. Publ. by Mendel University of Agriculture and Forestry Brno (Czech Republic), 1997.
376. Lebeda, A., Pink, D.A.C.: Wild *Lactuca* spp. as a gene pool for resistance breeding of lettuce. In Kobza, F., Pidra, M., Pokluda, R. (Eds.): Proc. of Inter. Hortic. Sci. Conference "Biological and Technical Development in Horticulture", Lednice na Moravě (Czech Republic) 1997, pp. 53-59. Publ. by Mendel University of Agriculture and Forestry Brno (Czech Republic), 1997.
377. Křístková, E., Lebeda, A.: Variation in field resistance of *Cucurbita pepo* L. PI accessions to the powdery mildew. In Kobza, F., Pidra, M., Pokluda, R. (Eds.): Proc. of Inter. Hortic. Sci. Conference "Biological and Technical Development in Horticulture", Lednice na Moravě (Czech Republic) 1997, pp. 331 (Abstract). Publ. by Mendel University of Agriculture and Forestry Brno (Czech Republic), 1997.
378. Lebeda, A., Halčinová, B., Rod, J.: Tomato powdery mildew - biology and possibilities of protection. In Kobza, F., Pidra, M., Pokluda, R. (Eds.): Proc. of Inter. Hortic. Sci. Conference "Biological and Technical Development in Horticulture", Lednice na Moravě (Czech Republic) 1997, pp. 333 (Abstract). Publ. by Mendel University of Agriculture and Forestry Brno (Czech Republic), 1997.
379. Halčinová, B., Lebeda, A.: *Oidium lycopersicum* - nový patogen rajčat v České republice (*Oidium lycopersicum* - a new pathogen of tomatoes in the Czech Republic). In Cagaň, L., Praslička, J. (Eds.): Proc. of the XIV. Slovak and

- Czech Plant Protection Conference in Nitra (Slovak Republic), 3.-4. September 1997, pp. 140-141. (Abstract)
380. Halčinová, B., Lebeda, A.: Původ a domestikace rajčete jedlého (*Lycopersicon esculentum*) (Origin and domestication of tomato (*Lycopersicon esculentum*)). *Zahradnictví* 22, 1997, č. 9, 6-10.
381. Lebeda, A., Křístková, E.: Vysoké zemědělské a zahradnické školství v Turecku (Agricultural and horticultural university teaching in the Turkey). *Zahradnictví* 22, 1997, č. 9, 23-24.
382. Lebeda, A., Šváblová, L.: Variation in response of several wild *Pisum* spp. to *Fusarium solani* and *Fusarium oxysporum*. *Cereal Research Communications* 25, 1997, No. 3/2, 845-846. Proceedings of the Fifth European Fusarium Seminar, Szeged, Hungary, 29 August - 5 September 1997 (Ed.: A.Mesterhazy).
383. Lebeda, A.: (Elstner, E.F., Osswald, W., Schneider, I.: *Phytopathologie: Allgemeine und biochemische Grundlagen*. Spektrum, Akademischer Verlag, Heidelberg-Berlin-Oxford, 1996, 328 pp.). *Ochrana rostlin (Plant Protection, Prague)* 33, 1997, 193-194. (Book review)
384. Křístková, E., Lebeda, A.: Possibilities of exploration of wild *Cucurbita* species in the breeding *via* interspecific hybridization (Možnosti využití planě rostoucích druhů rodu *Cucurbita* ve šlechtění prostřednictvím mezidruhově hybridizace). *Zahradnictví (Hort. Sci.- Prague)* 24, 1997, 113-120.
385. Lebeda, A.: (Hock, B., Elstner, E.F. /Eds./: *Schadwirkungen auf Pflanzen. Lehrbuch der Pflanzentoxikologie. 3. überarbeitete Auflage.* - Spektrum Akademischer Verlag, Heidelberg, Berlin, Oxford, 1995, 444 pp.). *J. Plant Dis. Protec.* 104, 1997, 426-427. (Book review)
386. Lebeda, A., Halčinová, B.: Padlí (*Oidium* spp.) na rodu *Lycopersicon* (Powdery mildew (*Oidium* spp.) on the genus *Lycopersicon*). *Ochrana rostlin (Plant Protection, Prague)* 33, 1997, 297-310.
387. Lebeda, A.: (Kranz, J.: *Epidemiologie der Pflanzenkrankheiten*. Eugen Ulmer Verlag, Stuttgart, 1996, 413 pp.). *Ochrana rostlin (Plant Protection, Prague)* 33, 1997, 245-246. (Book review)
388. Lebeda, A., Křístková, E.: Evaluation of *Cucumis sativus* L. germplasm for field resistance to the powdery mildew. *Acta Phytopath. Entom. Hung.* 32, 1997, 299-305.
389. Lebeda, A., Kusák, P.: Botanická zahrada PřF UP Olomouc, průvodce (Botanical garden of Faculty of Sciences Palacký University in Olomouc - Guide). Department of Botany, Faculty of Sciences, Palacký University Olomouc 1998, pp. 6.
390. Lebeda, A.: Aleš LEBEDA (Curriculum Vitae, List of Publications, References About the Scientific Work), Autoreport for professorship in agricultural botany. Palacký University Olomouc, Faculty of Sciences, Department of Botany, Olomouc, 1998, pp. 96.
391. Lebeda, A.: Virulence variation in lettuce downy mildew (*Bremia lactucae*) and effectivity of race-specific resistance genes in lettuce. In Metka, M., Verbič, J. (Eds.): Proceedings of the Conference "Agriculture and Environment",

- Bled (Slovenia) 12.-13.3.1998. Agricultural Institute of Slovenia, Ljubljana, 1998, 213-217.
392. Mieslerová, B., Lebeda, A.: Sources of resistance to *Oidium lycopersicum* among wild *Lycopersicon* species. In Metka, M., Verbič, J. (Eds.): Proceedings of the Conference "Agriculture and Environment", Bled (Slovenia). 12.-13.3.1998. Agricultural Institute of Slovenia, Ljubljana, 1998, 313-318.
393. Lebeda, A.: Structure and research activities - Department of Botany, Palacky University in Olomouc. In: Plant Breeding and Reproduction Research, International Seminar, Central and East Europe. CPRO-DLO, Wageningen, The Netherlands, 16-17 April 1998, pp. 63-73.
394. Lebeda, A., Křístková, E.: Olomouc Group (Wild *Pisum* species susceptibility to legume viruses and virus transmission by seeds. Screening of *Cucumis sativus* germplasm for resistance to CMV and WMV-2) Twenty Sixth Annual Newsletter (for 1997) of the ISHS - Vegetable Virus Working Group. Torino (Italy) 1998, 29.
395. Fellner, M., Lebeda, A.: Callus induction and protoplast isolation from tissues of *Cucumis sativus* L. and *C. melo* L. seedlings. *Biologia Plantarum* 41, 1998, 11-24.
396. Lebeda, A., Mieslerová, B.: Genetic resources of genus *Lycopersicon* and their exploitation in tomato resistance breeding (Genové zdroje rodu *Lycopersicon* a jejich využití při šlechtění rajčete na rezistenci). *Zahradnictví - Hort. Sci.* (Prague) 25, 1998, 53-65.
397. Lebeda, A., Zinkernagel, V.: Evolution of virulence in German population of lettuce downy mildew, *Bremia lactucae*. 7th International Congress of Plant Pathology, 9-16 August 1998, Edinburgh (Scotland); Offered Papers, Abstracts-Volume 2, 2.2.123.
398. Lebeda, A., Zinkernagel, V.: Evolution of virulence in the German population *Bremia lactucae* (downy mildew of lettuce). *Downy Mildews Newsletter* 10, 1998, 13-14.
399. Lebeda, A.: Variation in virulence of *Bremia lactucae* in natural populations of *Lactuca serriola*. *Downy Mildews Newsletter* 10, 1998, 14-15.
400. Lebeda, A.: (Hartleb, H., Heitefuss, R., Hoppe, H.H. /Eds./: Resistance of Crop Plants against Fungi. Gustav Fischer Verlag, Jena, 1997. 544 pp.). *Czech Mycology* 50, 1998, 324. (Book review)
401. Jančová, D., Luhová, L., Peč, P., Lebeda, A., Křístková, E.: Amine oxidase and peroxidase activity in intact and powdery mildew infected plants of *Cucumis sativus* and some Cucurbitaceae species. Xth Conference on Organic Chemistry and Biochemistry of Young Scientists, June 15-20, 1998, Liblice Castle (The Czech Republic); Programme Abstracts, pp. 32-33.
402. Lebeda, A., Jančová, D., Luhová, L.: Enzymes in plant pathogenesis - biochemical aspects of interactions between plants and pathogens. 2nd Slovenian Symposium on Plant Physiology, September 30 - October 2, 1998, Gozd Martuljek (Slovenia), Book of Abstracts, pp. 34.

403. Luhová, L., Jančová, D., Lebeda, A., Křístková, E., Peč, P., Frébort, I.: Changes in enzyme activities in *Cucumis sativus* during powdery mildew infection. 2nd Slovenian Symposium on Plant Physiology, September 30 - October 2, 1998, Gozd Martuljek (Slovenia), Book of Abstracts, pp. 141.
404. Křístková, E., Lebeda, A.: Variation in response of *Cucurbita* spp. to watermelon mosaic virus-2 (WMV-2) infection. Ninth Conference of the I.S.H.S. Vegetable Virus Working Group "Recent Advances in Vegetable Virus Research", 22-27 August, 1998, Torino (Italy), pp. 72-75.
405. Lebeda, A., Křístková, E., Kozelská, S., Jokeš, M., Rodová, J.: Response of *Cucurbita pepo* and *Cucurbita maxima* genotypes to a Czech isolate of zucchini yellow mosaic virus. Ninth Conference of the I.S.H.S. Vegetable Virus Working Group "Recent Advances in Vegetable Virus Research", 22-27 August, 1998, Torino (Italy), pp. 76. (Abstract)
406. Křístková, E., Lebeda, A.: Occurrence of powdery mildew species on cucurbits in the Czech Republic. Acta Horticulturae et Regiotecturae (Nitra, Slovak Republic) 1 (Supplement), 1998, 64-65.
407. Mieslerová, B., Lebeda, A.: Variability in response of wild *Lycopersicon* species to *Oidium lycopersicum*. Acta Horticulturae et Regiotecturae (Nitra, Slovak Republic) 1 (Supplement), 1998, 207-208.
408. Křístková, E., Lebeda, A.: Multiple disease resistance in genetic resources of *Cucurbita pepo* and *C. maxima*. Acta Horticulturae et Regiotecturae (Nitra, Slovak Republic) 1 (Supplement), 1998, 209-210.
409. Luhová, L., Jančová, D., Lebeda, A., Frébort, I., Peč, P.: Amine oxidase, peroxidase, acid phosphatase and catalase activities in seedlings of *Pisum* spp. cultivars. Changes of activities of these enzymes in *Pisum* spp. after *Fusarium oxysporum* infection. Chemical Papers 52 (Focus Issue), 1998, 593. (The contributions of the XVI Biochemical Congress, 12-15.10.1998, Stará Lesná (Slovak Republic)).
410. Lebeda, A.: Biodiversity of the interactions between germplasms of wild *Lactuca* spp. and related genera and lettuce downy mildew (*Bremia lactucae*). Report on research programme of OECD "Biological Resource Management for Sustainable Agricultural Systems", Horticulture Research International, Wellesbourne (U.K.), 1998, 70 pp.
411. Lebeda, A., Mieslerová, B.: Research on tomato powdery mildew (*Oidium lycopersicum*) in the Czech Republic. 1. Symposium Phytopathologie im Gartenbau. Universität für Bodenkultur Wien, 19.-20. November 1998, Beiträge Teilnehmerverzeichnis, 1998, pp. 12-13.
412. Lebeda, A., Křístková, E.: Dědictví starých odrůd zelenin a jejich význam (Heritage of old vegetable cultivars and their importance). Zahradnictví 23, 1998, č. 10, 26-27.
413. Lebeda, A., Křístková, E., Kozelská, S.: Wild *Pisum* species susceptibility to legume viruses and virus transmission by seeds. Screening of *Cucumis sativus* germplasm for resistance to CMV and WMV-2. Twentieth Sixth Annual Newsletter (for 1997) of the ISHS-Vegetable Virus Working Group. Instituto Fitovirolgia Applicata, Torino (Italy), 1998, pp. 29.



414. Lebeda, A., Pink, D.A.C.: Histological aspects of the response of wild *Lactuca* spp. and their hybrids, with *L. sativa* to lettuce downy mildew (*Bremia lactucae*). Plant Pathology 47, 1998, 723-736.
415. Lebeda, A.: (Kranz, J.: Epidemiologie der Pflanzenkrankheiten. Eugen Ulmer Verlag, Stuttgart, 1996, 413 pp.). J. Plant Dis. Prot. 105, 1998, 438-439. (Book review)
416. Švábová, L., Lebeda, A., Griga, A.: Comparison of *in vitro* testing methods for resistance screening of peas to *Fusarium* spp. Acta Phytopath. Entom. Hung. 33, 1998, 275-284.
417. Lebeda, A., Křístková, E.: (Stickland, S.: Heritage Vegetables - The Gardeners Guide to Cultivating Diversity. Gaia Books Ltd., London, 1998, 192 pp.). Plant Genet. Res. Newslet. 116, 1998, 40-41. (Book review)
418. Lebeda, A., Křístková, E.: (Stickland, S.: Heritage Vegetables - The Gardeners Guide to Cultivating Diversity. Gaia Books Limited, London, 1998, 192 pp.). Zahradnictví - Hort. Sci. (Prague) 26, 1999, 18 (Book review)
419. Křístková, E., Lebeda, A.: Influence of developmental stage and plant habit of *Cucurbita pepo* L. genotypes on their field resistance to the powdery mildew of cucurbits. Zahradnictví - Hort. Sci. (Prague) 26, 1999, 19-24.
420. Sedlářová, M., Lebeda, A., Binarová, P.: Cytological aspects of *Lactuca* spp. - *Bremia lactucae* interaction. VII. Cytoskeletální klub, Soubor abstraktů. Vranovská Ves 17.-19.3.1999.
421. Mieslerová, B., Lebeda, A.: Taxonomy, distribution and biology of tomato powdery mildew (*Oidium lycopersici*). J. Plant Dis. Protec. 106, 1999, 140-157.
422. Lebeda, A.: Katedra botaniky (Department of Botany). Palackého Univerzita Olomouc, Přírodovědecká fakulta (Palacký University, Faculty of Sciences) 1999.
423. Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic). 1999, 302 pp.
424. Lebeda, A.: Introduction. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic). 1999, 13-14.
425. Moravec, J., Křístková, E., Lebeda, A.: Leafy vegetable growing and breeding in the Czech Republic - history and the present time. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 17-32.
426. Lebeda, A., Astley, D.: World genetic resources of *Lactuca* spp., their taxonomy and biodiversity. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 81-94.
427. Křístková, E., Lebeda, A.: Collection of *Lactuca* spp. genetic resources in the Czech Republic. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 109-116.

428. Lebeda, A., Doležalová, I., Křístková, E., Vinter, V., Vránová, O., Doležal, K., Tarkowski, P., Petrželová, I., Trávníček, B., Novotný, R., Janeček, J.: Complex research of taxonomy and ecobiology of wild *Lactuca* spp. genetic resources. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 117-131.
429. Lebeda, A., Zinkernagel, V.: Durability of race-specific resistance in lettuce against lettuce downy mildew (*Bremia lactucae*). In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 183-189.
430. Sedlářová, M., Lebeda, A., Binarová, P.: Reorganization of microtubular cytoskeleton in *Lactuca* spp. cells during early stages of infection by lettuce downy mildew (*Bremia lactucae*). In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables '99. Palacký University, Olomouc (Czech Republic) 1999, 199-204.
431. Lebeda, A., Křístková, E., Doležal, K.: Peroxidase isozyme polymorphism in *Cucurbita pepo* cultivars with various morphotypes and different level of field resistance to powdery mildew. *Sci. Hort.* 81, 1999, 103-112.
432. Lebeda, A., Mieslerová, B.: Identification, occurrence and host range of tomato powdery mildew (*Oidium lycopersici*) in the Czech Republic. *Acta Phytopath. Entom. Hung.* 31, 1999, 15-27.
433. Lebeda, A., Kubaláková, M., Křístková, E., Navrátilová, B., Doležal, K., Doležel, J., Lysák, M.: Morphological and physiological characteristics of plants issued from an interspecific hybridization of *Cucumis sativus* x *Cucumis melo*. *Acta Hort.* 492, 1999, 149-155.
434. Lebeda, A.: *Pseudoperonospora cubensis* on *Cucumis* spp. and *Cucurbita* spp. – resistance breeding aspects. *Acta Hort.* 492, 1999, 363-370.
435. Křístková, E., Lebeda, A.: Searching of *Cucumis sativus* L. genetic resources for field resistance to powdery mildew of cucurbits. *Acta Hort.* 492, 1999, 371-375.
436. Křístková, E., Lebeda, A.: Powdery mildew on *Cucurbita* spp. in the Czech Republic. *Acta Hort.* 492, 1999, 377-382.
437. Křístková, E., Lebeda, A., Havránek, P., Rybka, V.: *Utricularia* spp. – a new host of powdery mildew. The First International Powdery Mildew Conference, August 29-September 2, 1999, Avignon (France); Abstracts p. 14.
438. Křístková, E., Lebeda, A.: Powdery mildew of cucurbits in the Czech Republic – species, pathotype and race spectra. The First International Powdery Mildew Conference, August 29-September 2, 1999, Avignon (France); Abstracts pp.14-15.
439. Lebeda, A., Mieslerová, B.: Morphological characterization and host range of tomato powdery mildew (*Oidium lycopersici*) originating from the Czech Republic. The First International Powdery Mildew Conference, August 29-September 2, 1999, Avignon (France); Abstracts pp. 15-16.

440. Lebeda, A.: Powdery mildew on lettuce and wild *Lactuca* species. The First International Powdery Mildew Conference, August 29-September 2, 1999, Avignon (France); Abstracts pp. 16-17.
441. Mieslerová, B., Lebeda, A.: Variability in the early development of tomato powdery mildew (*Oidium lycopersici*) on the host and non-host species. The First International Powdery Mildew Conference, August 29-September 2, 1999, Avignon (France); Abstracts pp. 82-83.
442. Lebeda, A., Jurík, M., Matisová, J., Mieslerová, B.: Susceptibility of *Pisum* spp. germplasm to legume viruses and virus transmission by seeds. Plant Varieties and Seeds 12, 1999, 43-51.
443. Křístková, E., Lebeda, A.: Mezinárodní vědecká konference Eucarpia Leafy Vegetables '99 (International scientific conference Eucarpia Leafy Vegetables '99). Zahradnictví 24 (5+6), 1999, 34-38.
444. Křístková, E., Lebeda, A.: Disease resistance of *Cucurbita pepo* and *C. maxima* genetic resources. Cucurbit Genetics Cooperative Report 22, 1999, 53-54.
445. Lebeda, A., Mieslerová, B., Luhová, L.: Resistance mechanisms of wild *Lycopersicon* species against tomato powdery mildew (*Oidium lycopersici*). 2. Symposium Phytomedizin und Pflanzenschutz im Gartenbau, 27. – 30. September 1999, Wien (Austria), pp. 111-113.
446. Lebeda, A., Křístková, E.: EUCARPIA Leafy Vegetables '99". International Plant Genetic Resources Institute Newsletter No 16, 1999, p. 7.
447. Lebeda, A., Křístková, E.: International Scientific Conference "Eucarpia Leafy Vegetables '99". Plant Genetic Resources Newsletter 119, 1999, 62-64.
448. Sedlářová, M., Lebeda, A., Binarová, P.: Změny cytoskeletu *Lactuca* spp. v iničiálních stadiích infekce *Bremia lactucae* (Changes of *Lactuca* spp. cytoskeleton in initial stages of *Bremia lactucae* infection). In: Badalíková, B., Pokorný, R. (Eds.): Rostlinolékařství (sborník z konference), Výzkumný ústav pčinnářský, s.r.o. Troubsko u Brna, Brno 9.-10.11.1999, pp. 105-108.
449. Lebeda, A., Jančová, D., Luhová, L.: Enzymes in fungal plant pathogenesis. Phytion 39, 51-56, 1999.
450. Luhová, L., Jančová, D., Frébort, I., Lebeda, A., Šebela, M., Křístková, E., Peč, P.: Amine oxidase, peroxidase, catalase and acid phosphatase activities in powdery mildew infected plants of *Cucumis sativus*. Phytion 39, 235-241, 1999.
451. Křístková, E., Lebeda, A.: Variation in response of *Cucurbita* spp. to watermelon mosaic virus-2 infection. Petria 9, 1999, 334-335.
452. Lebeda, A., Křístková, E., Kozelská, S., Jokeš, M., Rodová, J.: Response of *Cucurbita pepo* and *Cucurbita maxima* genotypes to Czech isolate of zucchini yellow mosaic virus. Petria 9, 1999, 335-336.
453. Křístková, E., Lebeda, A.: Powdery mildew field infection on leaves and stems of *Cucurbita pepo* accessions. Acta Hort. 510, 2000, 61-66.
454. Lebeda, A., Křístková, E.: Interactions between morphotypes of *Cucurbita pepo* and obligate biotrophs (*Pseudoperonospora cubensis*, *Erysiphe cichoracearum* and *Sphaerotheca fuliginea*). Acta Hort. 510, 2000, 219-225.

455. Ondřej, V., Navrátilová, B., Lebeda, A.: Embryo cultures of wild and cultivated species of the genus *Cucumis* L. Acta Hort. 510, 409-414, 2000.
456. Navrátilová, B., Rokytová, L., Lebeda, A.: Isolation of mesophyll protoplasts of *Cucumis* spp. and *Cucurbita* spp. Acta Hort. 510, 425-431, 2000.
457. Sedlářová, M., Lebeda, A., Binarová, P.: Cytoskeleton reorganization in epidermal cells of *Lactuca* spp. with different resistance mechanisms during infection process of *Bremia lactucae*. In: VIII. Cytoskeletální Klub, Vranovská Ves u Znojma (15.-17.3.2000), Book of Abstracts, p. 36.
458. Lebeda, A., Křístková, E.: International Scientific Conference Eucarpia: Leafy Vegetables '99. Zahradnictví (Hort. Sci., Prague) 27, 29-32, 2000.
459. Křístková, E., Lebeda, A.: Resistance in *Cucurbita pepo* and *Cucurbita maxima* germplasm to watermelon mosaic potyvirus-2. Plant Genetic Resources Newsletter 121, 2000, 47-52.
460. Mieslerová, B., Lebeda, A., Chetelat, R.T.: Variation in response of wild *Lycopersicon* and *Solanum* spp. against tomato powdery mildew (*Oidium lycopersici*). J. Phytopathol. 148, 2000, 303-311.
461. Lebeda, A.: Structure and variability of plant pathosystems. Czech Mycology 52, 2000, 139-140.
462. Jančová, D., Luhová, L., Lebeda, A., Peč, P., Kutrová, E.: Dynamics of enzymes during pathogenesis of *Fusarium oxysporum* on pea seedlings. Czech Mycology 52, 2000, 141-142.
463. Křístková, E., Lebeda, A.: Relation between field resistance to the powdery mildew of cucurbits, development stage and plant habit of *Cucurbita pepo* L. Czech Mycology 52, 2000, 143-144.
464. Křístková, E., Lebeda, A.: Variability of interactions between morphotypes of squash (*Cucurbita pepo* L.) and two groups of obligate biotrophs – cucumber downy mildew (*Pseudoperonospora cubensis*) and powdery mildew of cucurbits (*Sphaerotheca fuliginea*, *Erysiphe cichoracearum*). Czech Mycology 52, 2000, 144-145.
465. Lebeda, A.: Co-evolution of host-parasite interactions: Case study *Lactuca sativa* – *Bremia lactucae*. Czech Mycology 52, 2000, 146-147.
466. Mieslerová, B., Lebeda, A.: Comparative study of *Oidium lycopersici* development on wild representatives of *Lycopersicon* spp. Czech Mycology 52, 2000, 148-149.
467. Sedlářová, M., Lebeda, A., Binarová, P.: Microtubular arrangement in epidermal cells of lettuce and wild *Lactuca* spp. during infection process of *Bremia lactucae*. Czech Mycology 52, 2000, 149-150.
468. Zemánková, M., Lebeda, A.: Differences in the pathogenicity of *Fusarium* spp. on seeds and young of pea plants (*Pisum sativum* L.). Czech Mycology 52, 2000, 153-154.
469. Mieslerová, B., Lebeda, A.: První mezinárodní konference o padlí v Avignonu (The First International Powdery Mildew Conference in Avignon). Rostlinolékař 11, 2000, 20.

470. Křístková, E., Lebeda, A.: *Citrullus lanatus* – a potential host of powdery mildew in the Czech Republic. Cucurbit Genetics Cooperative Report 23, 2000, 46-48.
471. Lebeda, A., Křístková, E.: (George, R.A.T.: Vegetable seed production, 2<sup>nd</sup> edition. CABI Publishing, CAB International, UK, 1999, 328 pp.). Zahradnictví (Hort. Sci., Prague) 27, 2000, 118. (Book review)
472. Lebeda, A., Křístková, E.: Cucurbitaceae 2000 – The VIIth Eucarpia Meeting on Cucurbit Genetics and Breeding. Zahradnictví (Hort. Sci., Prague) 27, 2000, 119-120.
473. Luhová, L., Jančová, D., Lebeda, A., Peč, P.: The enzymes in plant defence response to pathogen attack (model interaction *Pisum sativum* × *Fusarium* spp.). Chemické Listy (Chemical papers, CHLSAC) 94, 2000, 736-737.
474. Lebeda, A., Mieslerová, B.: Progress and gap of knowledge in phytopathology. Case study of host-pathogen interaction: Tomato (*Lycopersicon* spp.) – tomato powdery mildew (*O. lycopersici*). In: Proceedings of the XVth Czech and Slovak Plant Protection Conference in Brno, September 12.-14., 2000, pp. 18-19.
475. Křístková, E., Lebeda, A.: Effect of leaf side of *Cucurbita maxima* on development of powdery mildew infection. In: Proceedings of the XVth Czech and Slovak Plant Protection Conference in Brno, September 12.-14., 2000, pp. 175-176.
476. Petrželová, I., Lebeda, A.: New knowledge on the occurrence and virulence variation of *Bremia lactucae* in natural populations of *Lactuca serriola*. In: Proceedings of the XVth Czech and Slovak Plant Protection Conference in Brno, September 12.-14., 2000, pp. 179-180.
477. Sedlářová, M., Lebeda, A.: Histological and cytological characterization of initial stages of *Lactuca* spp. – *Bremia lactucae* interaction. In: Proceedings of the XVth Czech and Slovak Plant Protection Conference in Brno, September 12.-14., 2000, pp. 197-198.
478. Lebeda, A.: Host-parasite specificity and defense variability in the *Lactuca* spp. – *Bremia lactucae* pathosystem. In: Biodiversity in Plant Pathology (Book of Abstracts), 5<sup>th</sup> Congress of the European Foundation for Plant Pathology, Taormina – Giardini Naxos (Italy), September 18-22, 2000, pp. 13 (204).
479. Sedlářová, M., Lebeda, A., Binarová, P.: Histochemical study on phenolic compounds in leaf tissues of *Lactuca* spp. infected by *Bremia lactucae*. In: Zima, M. (Ed.): Ecophysiology of plant production processes in stress conditions, Abstracts of the 4<sup>th</sup> International Conference, Račkova dolina (Slovak Republic), September 12-14, 2000, pp. 71
480. Sedlářová, M., Binarová, P., Lebeda, A.: Imunochemické metody v cytopathologii rostlin (Imunochemical methods in plant cytopathology). Biologické listy (Biological papers) 65, 2000, 262-263.
481. Petrželová, I., Lebeda, A.: Plíseň salátová, její genetická variabilita a rezistence salátu (Lettuce downy mildew, their genetic variability and lettuce resistance). Rostlinolékař 11/6, 2000, 13-16.

482. Lebeda, A., Mieslerová, B.: Sources, mechanisms and effectivity of resistance in wild *Lycopersicon* spp. to tomato powdery mildew (*Oidium lycopersici*). In: Durable Disease Resistance; Key to Sustainable Agriculture. Symposium, Ede-Wageningen, The Netherlands, November 28 – December 1, 2000. Book of Abstracts, p.40.
483. Lebeda, A., Mieslerová, B.: Case study of host-pathogen interaction: tomato (*Lycopersicon* spp.) – tomato powdery mildew (*Oidium lycopersici*). Plant Protec. Sci. 36, 2000, 156-162.
484. Lebeda, A., Křístková, E.: Ochrana rostlin proti fytopatogenním houbám – současnost a možný výhled; příklad: Cucurbitaceae – padlí tykvovitých (Plant protection against pathogenic fungi – contemporary status and prospects; case study: Cucurbitaceae – powdery mildew). In: Hýsek, J. (Ed.): Proc. from Internat. Seminar “Mycological Phytopathology in 20. and 21. Century”. Research Institute of Crop Production in Prague, Czech Republic, 2000, pp. 21-23.
485. Sedlářová, M., Lebeda, A.: Histological and cytological expression of the host-parasite specificity in *Lactuca* spp. – *Bremia lactucae* interaction. British Society for Plant Pathology, Presidential meeting 2000, Wye College, UK, 18-20 December 2000; “Plant-pathogen interactions: understanding mechanisms of resistance and pathogenicity for disease control”, Abstracts, 2000, pp. 42-43.
486. Lebeda, A., Křístková, E., Rybka, V., Havránek, P.: *Utricularia* (Lentibulariaceae) – a new host plant genus of powdery mildew (*Sphaerotheca* sp.). J. Phytopath. 149, 2001, 207-212.
487. Lebeda, A., Boukema, I.W.: Leafy vegetables genetic resources. In: Maggioni, L., Spellman, O. (Comps.): Report of a Network Coordinating Group on Vegetables; *Ad hoc* meeting, 26-27 May 2000, Vila Real, Portugal. International Plant Genetic Resources Institute, Rome, Italy, 2001, pp. 48-57.
488. Lebeda, A.: (Bosland, P.W., Votava, E.J.: Peppers: Vegetable and Spice Capsicums. CABI Publishing, CAB International, UK, 2000, 204 pp.). Zahradnictví (Hort. Sci., Prague) 28, 2001, 43-44. (Book review)
489. Doležalová, I., Lebeda, A., Křístková, E.: Původ a variabilita kulturních forem salátu (Origin and variability of cultivated forms of lettuce). Živa XLIX (LXXXVII), 2001, 20-22.
490. Lebeda, A., Mieslerová, B.: Tomato powdery mildew – a new dangerous disease in Europe (Paradižnikova pepelovka – nova nevarna bolezen v Evropi). 5<sup>th</sup> Slovenian Conference on Plant Protection, 6.-8. March 2001, Čatež ob Savi (Slovenia), Plant Protection Society of Slovenia, Abstract volume, pp. 38-40.
491. Lebeda, A., Luhová, L., Sedlářová, M., Jančová, D.: The role of enzymes in plant - fungal pathogens interactions. J. Plant Disease Protect. 108, 2001, 89-111.
492. Zemánková, M., Lebeda, A.: Soil *Fusarium* species, their taxonomy, variability and significance in plant pathology. Plant Prot. Sci. 37, 2001, 24-42.

493. Sedlářová, M., Binarová, P., Lebeda, A.: Cytoskeleton role in plant defense response to fungal pathogen attack. In: IX. Cytoskeletální Klub, Vranovská Ves u Znojma (25.-27.4.2001), Book of Abstracts, p. 12.
494. Lebeda, A., Doležalová, I., Křístková, E., Mieslerová, B.: Biodiversity and ecogeography of wild *Lactuca* spp. in some European countries. Genetic Resources and Crop Evolution 48, 2001, 153-164.
495. Lebeda, A.: Šlechtění rostlin na odolnost (Plant breeding for resistance). Mareček, F. (Ed.): Zahradnický slovník naučný (Horticultural Dictionary), Vol. 5, R-Ž. Ústav zemědělských a potravinářských informací (Institute of Agricultural and Food Information), Praha 2001, p. 446.
496. Křístková, E., Lebeda, A., Doležalová, I.: Collecting and evaluation of wild *Lactuca* spp. germplasm in Europe. In: EUCARPIA Section Genetic Resources, „Broad Variation and Precise Characterization – Limitation for the Future“, May 16-20, 2001, Poznan (Poland), Abstracts, p. 9.
497. Lebeda, A., Doležalová, I., Křístková, E., Janeček, J., Vinter, V., Vránová, O., Doležal, K., Tarkowski, P., Petrželová, I., Trávníček, B., Novotný, R.: Biodiversity of genetic resources of wild *Lactuca* spp. In: EUCARPIA Section Genetic Resources, „Broad Variation and Precise Characterization – Limitation for the Future“, May 16-20, 2001, Poznan (Poland), Abstracts, p. 10.
498. Lebeda, A., Mieslerová, B., Luhová, L.: Characterization of wild *Lycopersicon* spp. germplasm for resistance to tomato powdery mildew (*Oidium lycopersici*). In: EUCARPIA Section Genetic Resources, „Broad Variation and Precise Characterization – Limitation for the Future“, May 16-20, 2001, Poznan (Poland), Abstracts, p. 92.
499. Lebeda, A., Petrželová, I.: Occurrence and characterization of race-specific resistance to *Bremia lactucae* in wild *Lactuca* spp. In: EUCARPIA Section Genetic Resources, „Broad Variation and Precise Characterization – Limitation for the Future“, May 16-20, 2001, Poznan (Poland), Abstracts, p. 93.
500. Křístková, E., Lebeda, A.: Genetic resources of cultivated *Cucurbita* spp. – a potential source of disease resistance. In: EUCARPIA Section Genetic Resources, „Broad Variation and Precise Characterisation – Limitation for the Future“, May 16-20, 2001, Poznan (Poland), Abstracts, p. 139.
501. Sedlářová, M., Binarová, P., Lebeda, A.: Changes in microtubular alignment in *Lactuca* spp. (*Asteraceae*) epidermal cells during early stages of infection by *Bremia lactucae* (*Peronosporaceae*). Phyton 41, 2001, 21-34.
502. Lebeda, A., Kusák, P., Rybka, V., Všetická, V.: 100 let botanické zahrady PřF UP v Olomouci (100 years of the botanical garden, Faculty of Science of the Palacký University in Olomouc). Živa XLIX (LXXXVII), 2001, 118-120.
503. Lebeda, A.: Interactions of plants and microorganisms – challenge for biological sciences. XVI. Biologické dny „Aktuální témata z buněčné a molekulární biologie“ (XVI. Biological Days „Recent topics of cell and molecular biology“), 5.-7.9.2001, Olomouc (Czech Republic), Sborník abstrakt, pp. 95. Univerzita Palackého, Olomouc.

504. Lebeda, A., Luhová, L.: Enzymes and their role in pathogenesis and plant defense responses. XVI. Biologické dny „Aktuální témata z buněčné a molekulární biologie“ (XVI. Biological Days „Recent topics of cell and molecular biology“), 5.-7.9.2001, Olomouc (Czech Republic), Sborník abstrakt, pp. 104. Univerzita Palackého, Olomouc.
505. Sedlářová, M., Lebeda, A., Binarová, P.: The role and changes of cytoskeleton during plant pathogenesis. XVI. Biologické dny „Aktuální témata z buněčné a molekulární biologie“ (XVI. Biological Days „Recent topics of cell and molecular biology“), 5.-7.9.2001, Olomouc (Czech Republic), Sborník abstrakt, pp. 106. Univerzita Palackého, Olomouc.
506. Petrželová, I., Lebeda, A.: Genetic variation of virulence in natural populations of *Bremia lactucae*. XVI. Biologické dny „Aktuální témata z buněčné a molekulární biologie“ (XVI. Biological Days „Recent topics of cell and molecular biology“), 5.-7.9.2001, Olomouc (Czech Republic), Sborník abstrakt, pp. 107. Univerzita Palackého, Olomouc.
507. Křístková, E., Lebeda, A.: Physiological specialization of Erysiphales on Cucurbitaceae. XVI. Biologické dny „Aktuální témata z buněčné a molekulární biologie“ (XVI. Biological Days „Recent topics of cell and molecular biology“), 5.-7.9.2001, Olomouc (Czech Republic), Sborník abstrakt, pp. 108. Univerzita Palackého, Olomouc.
508. Ondřej, V., Navrátilová, B., Lebeda, A.: Effect of GA<sub>3</sub> on the embryo cultures of *Cucumis* species. In: Salaj, J., Obert, B., Salaj, T. (Eds.): From Gametes to Embryos. Xth International Conference on Plant Embryology, September 5-8, 2001, Nitra (Slovak Republic), Book of Abstracts, pp. 119. Institute of Scientific and Technical Information for Agriculture, Nitra (Slovak Republic).
509. Lebeda, A., Pink, D.A.C., Mieslerová, B.: Host-parasite specificity and defense variability in the *Lactuca* spp. – *Bremia lactucae* pathosystem. J. Plant Pathol. 83, 2001, 25-35.
510. Ondřej, V., Navrátilová, B., Lebeda, A.: Determination of the crossing barriers in hybridization of *Cucumis sativus* and *Cucumis melo*. Cucurbit Genetics Cooperative Report 24, 2001, 1-5.
511. Rokytová, L., Navrátilová, B., Lebeda, A.: Mesophyll protoplasts of some wild and cultivated *Cucumis* spp. Cucurbit Genetics Cooperative Report 24, 2001, 17-19.
512. Křístková, E., Lebeda, A.: Aggressiveness of powdery mildew isolates on *Cucurbita maxima*. Cucurbit Genetics Cooperative Report 24, 2001, 73-76.
513. Sedlářová, M., Lebeda, A., Binarová, P.: Plant cytoskeleton in defence responses to fungal pathogens. In: Berger, J. (Ed.): Cells III. Kopp Publishing, České Budějovice (Czech Republic), 2001, p. 174.
514. Špundová, M., Útratová, R., Nauš, J., Lebeda, A.: Changes in chlorophyll fluorescence parameters of cucumber cotyledons during infection of *Erysiphe cichoracearum* and *Sphaerotheca fuliginea*. IX th Days of Plant



- Physiology, České Budějovice (Czech Republic), 17-21 September 2001, Book of Abstracts, p. 36.
515. Lebeda, A., Gadasová, V.: Pathogenic variation of *Pseudoperonospora cubensis* in the Czech Republic and some other European countries. In: 2<sup>nd</sup> International Symposium on Cucurbits, 28<sup>th</sup> September – 1<sup>st</sup> October, 2001, Epochal, Tsukuba (Japan). Abstracts, p. 17.
516. Špundová, M., Útratová, R., Nauš, J., Lebeda, A.: Chlorophyll fluorescence in cucumber cotyledons inoculated by cucumber powdery mildews (*Erysiphe cichoracearum* and *Sphaerotheca fuliginea*). In: 2<sup>nd</sup> International Symposium on Cucurbits, 28<sup>th</sup> September – 1<sup>st</sup> October, 2001, Epochal, Tsukuba (Japan). Abstracts, p. 79.
517. Křístková, E., Lebeda, A., Katovská, J.: Response of *Cucumis melo* genotypes MR-1 and PI 124112 to Czech isolates of cucurbit powdery mildew. In: 2<sup>nd</sup> International Symposium on Cucurbits, 28<sup>th</sup> September – 1<sup>st</sup> October, 2001, Epochal, Tsukuba (Japan). Abstracts, p. 80.
518. Ondřej, V., Navrátilová, B., Lebeda, A.: *In vitro* cultivation of *Cucumis sativus* ovules after fertilization. In: 2<sup>nd</sup> International Symposium on Cucurbits, 28<sup>th</sup> September – 1<sup>st</sup> October, 2001, Epochal, Tsukuba (Japan). p. 101.
519. Sedlářová, M., Lebeda, A., Pink, D.A.C.: The early stages of interaction between effective and non-effective race-specific genes in *Lactuca sativa*, wild *Lactuca* spp. and *Bremia lactucae* (NL16). J. Plant Dis. Protec. 108, 2001, 477-489.
520. Lebeda, A., Mieslerová, B.: Tomato powdery mildew – a new dangerous disease in Europe (Paradižnikova pepelovka – nova nevarna bolezen v Evropi). 5<sup>th</sup> Slovenian Conference on Plant Protection, 6.-8. March 2001, Čatež ob Savi (Slovenia); Lectures and Papers. Plant Protection Society of Slovenia, 2001, 121-126.
521. Sedlářová, M., Lebeda, A.: Buněčné mechanismy podmiňující interakce rostlin a patogenů (Cellular mechanisms determining plant-pathogen interactions). Živa XLIX, 2001, 201-203.
522. Sedlářová, M., Lebeda, A.: Histochemical detection and role of phenolic compounds in the defense response of *Lactuca* spp. to lettuce downy mildew (*Bremia lactucae*). J. Phytopathol. 149, 2001, 693-697.
523. Lebeda, A.: (Slusarenko, A.J., Fraser, R.S.S., Van Loon, L.C. (Eds.): Mechanisms of resistance to plant diseases. Kluwer Academic Publishers, Dordrecht, the Netherlands, 2000, 620 pp.). Plant Protection Science 37, 2001, 157. (Book review).
524. Doležalová, I., Lebeda, A., Křístková, E.: Prickly lettuce (*Lactuca serriola* L.) germplasm collecting and distribution study in Slovenia and Sweden. Plant Genetic Resources Newsletter 128, 2001, 41-44.
525. Křístková, E., Lebeda, A., Doležalová, I.: Collecting and evaluating of *Lactuca serriola* germplasm in Europe. In: Swiecicki, W., Naganowska, B., Wolko, B. (Eds.): Broad Variation and Precise Characterization –

- Limitation for the Future. Eucarpia, Section Genetic Resources, Poznan (Poland), 2001, pp. 49-52.
526. Lebeda, A., Doležalová, I., Křístková, E., Janeček, J., Vinter, V., Vránová, O., Doležal, K., Tarkowski, P., Petrželová, I., Trávníček, B., Novotný, R.: Biodiversity of genetic resources of wild *Lactuca* spp. In: Swiecicki, W., Naganowska, B., Wolko, B. (Eds.): Broad Variation and Precise Characterization – Limitation for the Future. Eucarpia, Section Genetic Resources, Poznan (Poland), 2001, pp. 53-56.
527. Lebeda, A., Mieslerová, B., Luhová, L.: Characterization of wild *Lycopersicon* spp. germplasm for resistance to tomato powdery mildew (*Oidium lycopersici*). In: Swiecicki, W., Naganowska, B., Wolko, B. (Eds.): Broad Variation and Precise Characterization – Limitation for the Future. Eucarpia, Section Genetic Resources, Poznan (Poland), 2001, pp. 229-231.
528. Lebeda, A., Petrželová, I.: Occurrence and characterization of race-specific resistance to *Bremia lactucae* in wild *Lactuca* spp. In: Swiecicki, W., Naganowska, B., Wolko, B. (Eds.): Broad Variation and Precise Characterization – Limitation for the Future. Eucarpia, Section Genetic Resources, Poznan (Poland), 2001, pp. 232-233.
529. Křístková, E., Lebeda, A.: Genetic resources of cultivated *Cucurbita* spp. – a potential source of disease resistance. In: Swiecicki, W., Naganowska, B., Wolko, B. (Eds.): Broad Variation and Precise Characterization – Limitation for the Future. Eucarpia, Section Genetic Resources, Poznan (Poland), 2001, pp. 341-342.
530. Lebeda, A., Mieslerová, B., Doležalová, I.: The first record and characterization of powdery mildew (*Erysiphe pachypodiae* sp. nov.) on *Pachypodium lamerei* (Apocynaceae). J. Phytopathol. 150, 2002, 149-154.
531. Sedlářová, M., Lebeda, A.: Cytologické aspekty interakce rostlin a patogenů (Cytological aspects of host-pathogen interactions). Biologické listy 67, 2002, 59-73.
532. Luhová, L., Hedererová, D., Lebeda, A., Peč, P.: The influence of *Fusarium solani* on enzyme activity of *Pisum sativum* cultivars. J. Plant Dis. Protec. 109, 2002, 113-128.
533. Lebeda, A., Mieslerová, B.: Variability in pathogenicity of *Oidium neolycopersici* on *Lycopersicon* species. J. Plant Dis. Protec. 109, 2002, 129-141.
534. Lebeda, A.: (Horst, R.K. (Ed.): Westcott's Plant Disease Handbook, 6<sup>th</sup> Edition. Kluwer Academic Publishers, Dordrecht, the Netherlands, 2001, 1008 pp.). Plant Protection Science 38, 2002, 36. (Book review)
535. Sedlářová, M., Lebeda, A., Binarová, P.: Plant cytoskeleton in fungal pathogenesis. In: X. Cytoskeletální Klub, Vranovská Ves u Znojma (24.-26.4.2002), Book of Abstracts, p. 20.
536. Mieslerová, B., Lebeda, A., Kennedy, R., Novotný, R.: Comparative morphological studies on tomato powdery mildew (*Oidium neolycopersici*). Acta Phytopath. Ent. Hung. 37, 2002, 57-74.

537. Ondřej, V., Navrátilová, B., Lebeda, A.: Influence of GA<sub>3</sub> on the zygotic embryogenesis of *Cucumis* species *in vitro*. *Biologia (Bratislava)* 57, 2002, 523-525.
538. Spencer-Phillips, P.T.N., Gisi, U., Lebeda, A. (Eds.): *Advances in Downy Mildew Research*. Kluwer Academic Publishers, Dordrecht, 2002, 275 pp.
539. Lebeda, A., Pink, D.A.C., Astley, D.: Aspects of the interactions between wild *Lactuca* spp. and related genera and lettuce downy mildew (*Bremia lactucae*). In: Spencer-Phillips, P.T.N., Gisi, U., Lebeda, A. (Eds.): *Advances in Downy Mildew Research*. Kluwer Academic Publishers, Dordrecht, 2002, pp. 85-117.
540. Lebeda, A.: Occurrence and variation in virulence of *Bremia lactucae* in natural populations of *Lactuca serriola*. In: Spencer-Phillips, P.T.N., Gisi, U., Lebeda, A. (Eds.): *Advances in Downy Mildew Research*. Kluwer Academic Publishers, Dordrecht, 2002, pp. 179-183.
541. Ondřej, V., Navrátilová, B., Lebeda, A.: Role of the growth regulators in cucumber zygotic embryogenesis. XVIIth International Congress on Sexual Plant Reproduction, „Sexual Plant Reproduction in Nature and the Laboratory“, Maria Curie-Skłodowska University Press, Lublin (Poland); Program and Abstracts, 2002, p. 109.
542. Doležalová, I., Křístková, E., Lebeda, A., Vinter, V.: Description of morphological characters of wild *Lactuca* L. spp. genetic resources (English-Czech version). *Horticultural Science (Prague)* 29, 2002, 56-83.
543. Lebeda, A., Doležalová, I., Doležal, K.: Variation in morphological and biochemical characters in genotypes of maca and yacon. XXVIth Internat. Hortic. Congress & Exhibition (IHC2002), Metro Toronto Convention Centre, August 11-17, 2002; Abstracts, Abstract S06-P-94, p. 199.
544. Lebeda, A., Doležalová, I., Astley, D.: Genetic resources of wild *Lactuca* spp., their natural distribution and representation in *Ex-situ* collections. XXVIth Internat. Hortic. Congress & Exhibition (IHC2002), Metro Toronto Convention Centre, August 11-17, 2002; Abstracts, Abstract S17-P-24, p. 435.
545. Doležalová, I., Lebeda, A., Tiefenbachová, I., Křístková, E.: Taxonomic reconsideration of some *Lactuca* spp. germplasm maintained in world genebank collections. XXVIth Internat. Hortic. Congress & Exhibition (IHC2002), Metro Toronto Convention Centre, August 11-17, 2002; Abstracts, Abstract S22-P-17, p. 542.
546. Lebeda, A., Mieslerová, B., Luhová, L., Mlíčková, K.: Resistance mechanisms in *Lycopersicon* spp. to *Oidium neolyopersici*. EFPP 2002 „Diseases Resistance in Plant Pathology“, 6<sup>th</sup> Conference of European Foundation for Plant Pathology, 8-14 September 2002, Prague (Czech Republic), Book of Abstracts, p. 29.
547. Křístková, E., Lebeda, A., Sedláková, B.: Distribution of cucurbit powdery mildew species in the Czech Republic. EFPP 2002 „Diseases Resistance in Plant Pathology“, 6<sup>th</sup> Conference of European Foundation for Plant

Pathology, 8-14 September 2002, Prague (Czech Republic), Book of Abstracts, p. 70.

548. Sedlářová, M., Lebeda, A., Binarová, P., Luhová, L.: The role of plant cell in host-pathogen interactions: *Lactuca* spp.-*Bremia lactucae*. EFPP 2002 „Diseases Resistance in Plant Pathology“, 6<sup>th</sup> Conference of European Foundation for Plant Pathology, 8-14 September 2002, Prague (Czech Republic), Book of Abstracts, p. 91.
549. Luhová, L., Mlíčková, K., Mieslerová, B., Lebeda, A., Peč, P.: Pathobiochemical changes of host tissue during *Oidium neolycopersici* infection on *Lycopersicon* species. Zborník XVIII. Biochemický zjazd (Proceedings of XVIII. Biochemical Symposium), Vysoké Tatry, Stará Lesná (Slovak Republic), 10.-13.9.2002, pp. 167-168.
550. Lebeda, A., Mieslerová, B., Doležalová, I., Křístková, E.: Occurrence of powdery mildew on *Lactuca viminea* subsp. *chondrilliflora* in South France. Mycotaxon 84, 2002, 83-87.
551. Doležalová, I., Lebeda, A., Janeček, J., Číhalíková, J., Křístková, E., Vránová, O.: Variation in chromosome numbers and nuclear DNA contents in genetic resources of *Lactuca* L. species (Asteraceae). Genet. Res. Crop Evol. 49, 2002, 383-395.
552. Ondřej, V., Navrátilová, B., Tarkowski, P., Doležal, K., Lebeda, A.: *In vitro* pollination as a tool of overcoming crossing barriers between *Cucumis sativus* L. and *Cucumis melo* L. Acta Fac. Rerum Nat. Univ. Comenianae Bot. 41, 2002, 81-87.
553. Lebeda, A.: (Huang Jeng-Sheng: Plant Pathogenesis and Resistance. Biochemistry and Physiology of Plant-Microbe Interactions. Kluwer Academic Publishers, Dordrecht, the Netherlands, 2001, 691 pp.). Plant Prot. Sci. 38, 2002, 117. (Book review)
554. Dziechciarková, M., Lebeda, A., Doležalová, I.: Proteinové a molekulární markery u rodu *Lactuca* L. (Protein and molecular markers by the genus *Lactuca* L.). In: Griga, M., Ondřej, V., Horáček, J. (Eds.): Využití molekulárních markerů v biologii, šlechtění a uchovávání genových zdrojů rostlin. Sborník přednášek. AGRITEC, Šumperk, 4.-6. listopadu 2002, pp. 47-58.
555. Doležalová, I., Lebeda, A., Dziechciarková, M., Křístková, E., Astley, D., Van de Wiel, C.C.M.: Vztahy mezi morfologickými znaky, polymorfismem isoenzymů a variabilitou DNA – jejich význam v taxonomii rodu *Lactuca* (Relationships between morphological characters, polymorphism of isozymes and variability of DNA – their importance in taxonomy of *Lactuca*). In: Griga, M., Ondřej, V., Horáček, J. (Eds.): Využití molekulárních markerů v biologii, šlechtění a uchovávání genových zdrojů rostlin. Sborník přednášek. AGRITEC, Šumperk, 4.-6. listopadu 2002, pp. 63-74.
556. Lebeda, A., Doležalová, I., Dziechciarková, M., Doležal, K., Frček, J.: Morfologická variabilita a polymorfismus isoenzymů maky a jakonu (Morphological variability and isozymes polymorphism of maca and

- yacon). In: Griga, M., Ondřej, V., Horáček, J. (Eds.): Využití molekulárních markerů v biologii, šlechtění a uchovávání genových zdrojů rostlin. Sborník přednášek. AGRITEC, Šumperk, 4.-6. listopadu 2002, pp. 75-84.
557. Lebeda, A., Gadasová, V.: Pathogenic variation of *Pseudoperonospora cubensis* in the Czech Republic and some other European countries. *Acta Hort.* 588, 2002, 137-141.
558. Špundová, M., Útratová, R., Nauš, J., Lebeda, A.: Chlorophyll fluorescence in cucumber cotyledons inoculated by cucumber powdery mildews (*Erysiphe cichoracearum* and *Sphaerotheca fuliginea*). *Acta Hort.* 588, 2002, 175-179.
559. Křístková, E., Lebeda, A., Katovská, J.: Response of *Cucumis melo* genotypes MR-1 and PI 124112 to Czech isolates of cucurbit powdery mildew. *Acta Hort.* 588, 2002, 181-184.
560. Ondřej, V., Navrátilová, B., Lebeda, A.: In vitro cultivation of *Cucumis sativus* ovules after fertilization. *Acta Hort.* 588, 2002, 339-343.
561. Táborský, V., Polák, J., Lebeda, A., Kůdela, V. (eds.): Disease resistance in plant pathology, First part. Proceedings of 6th Conference of EFPP 2002, Prague, Czech Republic, 8-14 September 2002. *Plant Protect. Sci.*, 38 (Special Issue 1), 2002, pp. 1-248.
562. Táborský, V., Polák, J., Lebeda, A., Kůdela, V. (eds.): Disease resistance in plant pathology, Second part – Poster presentation. Proceedings of 6th Conference of EFPP 2002, Prague, Czech Republic, 8-14 September 2002. *Plant Protect. Sci.*, 38 (Special Issue 2), 2002, pp. 249-722.
563. Lebeda, A., Mieslerová, B., Luhová, L., Mlíčková, K.: Resistance mechanisms in *Lycopersicon* spp. to tomato powdery mildew (*Oidium neolycopersici*). *Plant Protect. Sci.* 38 (Special Issue 1), 2002, 141-144.
564. Křístková, E., Lebeda, A., Sedláková, B., Duchoslav, M.: Distribution of cucurbit powdery mildew species in the Czech Republic. *Plant Protect. Sci.* 38 (Special Issue 2), 2002, 415-416.
565. Sedlářová, M., Lebeda, A., Binarová, P., Luhová, L.: Role of plant cell in host-pathogen interactions: *Lactuca* spp.-*Bremia lactucae*. *Plant Protect. Sci.* 38 (Special Issue 2), 2002, 507-509.
566. Lebeda, A., Zinkernagel, V.: Evolution and distribution of virulence in the German population of *Bremia lactucae*. *Plant Pathology* 52, 2003, 41-51.
567. Petrželová, I., Lebeda, A.: Distribution of compatibility types and occurrence of sexual reproduction in natural populations of *Bremia lactucae* on wild *Lactuca serriola* plants. *Acta Phytopath. Ent. Hung.* 38, 2003, 43-52.
568. Lebeda, A., Petrželová, I.: Structure and variation of the *Lactuca serriola* (prickly lettuce) – *Bremia lactucae* (lettuce downy mildew) pathosystem. 8<sup>th</sup> International Congress of Plant Pathology, Sunday 2 – Friday 7 February 2003, Christchurch, New Zealand; Volume 2 – Offered Papers, Abstracts of Offered Papers, p. 145.
569. Lebeda, A., Mieslerová, B., Luhová, L., Mlíčková, K.: Tissue, cellular and enzyme mechanisms of *Lycopersicon* spp. resistance to *Oidium neolycopersici*. 8<sup>th</sup> International Congress of Plant Pathology, Sunday 2 –

- Friday 7 February 2003, Christchurch, New Zealand; Volume 2 – Offered Papers, Abstracts of Offered Papers, p. 195.
570. Lebeda, A., Widrlechner, M.P.: Differentiation of *Pseudoperonospora cubensis* (cucurbit downy mildew) pathogenicity. 8<sup>th</sup> International Congress of Plant Pathology, Sunday 2 – Friday 7 February 2003, Christchurch, New Zealand; Volume 2 – Offered Papers, Abstracts of Offered Papers, p. 196.
571. Lebeda, A., Petrželová, I.: Structure and variation of *Lactuca serriola* (prickly lettuce) – *Bremia lactucae* (lettuce downy mildew) pathosystem. 8<sup>th</sup> International Congress of Plant Pathology, Sunday 2 – Friday 7 February 2003, Christchurch, New Zealand; Downy Mildews Newsletter, 11, 2003, p. 6.
572. Lebeda, A., Widrlechner, M.P.: Differentiation of *Pseudoperonospora cubensis* (cucurbit downy mildew) pathogenicity. 8<sup>th</sup> International Congress of Plant Pathology, Sunday 2 – Friday 7 February 2003, Christchurch, New Zealand; Downy Mildews Newsletter, 11, 2003, p. 8.
573. Lebeda, A., Widrlechner, M.P.: Response of wild and weedy *Cucurbita* L. to pathotypes of *Pseudoperonospora cubensis* (cucurbit downy mildew). 8<sup>th</sup> International Congress of Plant Pathology, 2-7 February 2003, Christchurch, New Zealand; Downy Mildews Newsletter, 11, 2003, p. 8.
574. Hintum, Th.J.L. van, Lebeda, A., Pink, D.A., Schut, J.W. (Eds.): Eucarpia Leafy Vegetables 2003, Proceedings of the Eucarpia Meeting on Leafy Vegetables Genetics and Breeding. Noordwijkerhout, The Netherlands, 19-21 March 2003. Centre for Genetic Resources, The Netherlands (CGN), Wageningen, The Netherlands, 2003, 180 pp.
575. Lebeda, A., Sedlářová, M.: Cellular mechanisms involved in the expression of specificity in *Lactuca* spp. – *Bremia lactucae* interactions. In: Hintum, Th.J.L. van, Lebeda, A., Pink, D.A., Schut, J.W. (Eds.): Eucarpia Leafy Vegetables 2003, Proceedings of the Eucarpia Meeting on Leafy Vegetables Genetics and Breeding. Noordwijkerhout, The Netherlands, 19-21 March 2003. Centre for Genetic Resources, The Netherlands (CGN), Wageningen, The Netherlands, 2003, pp. 55-60.
576. Doležalová, I., Lebeda, A., Vinter, V., Křístková, E.: Indumentum and epidermis structure variation in wild *Lactuca* spp. genetic resources. In: Hintum, Th.J.L. van, Lebeda, A., Pink, D.A., Schut, J.W. (Eds.): Eucarpia Leafy Vegetables 2003, Proceedings of the Eucarpia Meeting on Leafy Vegetables Genetics and Breeding. Noordwijkerhout, The Netherlands, 19-21 March 2003. Centre for Genetic Resources, The Netherlands (CGN), Wageningen, The Netherlands, 2003, p. 160.
577. Lebeda, A., Mieslerová, B.: Lettuce powdery mildew - an unknown disease of lettuce. In: Hintum, Th.J.L. van, Lebeda, A., Pink, D.A., Schut, J.W. (Eds.): Eucarpia Leafy Vegetables 2003, Proceedings of the Eucarpia Meeting on Leafy Vegetables Genetics and Breeding. Noordwijkerhout, The Netherlands, 19-21 March 2003. Centre for Genetic Resources, The Netherlands (CGN), Wageningen, The Netherlands, 2003, p. 164.

578. Petrželová, I., Lebeda, A.: Variability of virulence phenotypes in natural populations of *Bremia lactucae* occurring on *Lactuca serriola* (prickly lettuce). In: Hintum, Th.J.L. van, Lebeda, A., Pink, D.A., Schut, J.W. (Eds.): Eucarpia Leafy Vegetables 2003, Proceedings of the Eucarpia Meeting on Leafy Vegetables Genetics and Breeding. Noordwijkerhout, The Netherlands, 19-21 March 2003. Centre for Genetic Resources, The Netherlands (CGN), Wageningen, The Netherlands, 2003, p. 165.
579. Luhová, L., Lebeda, A., Hedererová, D., Peč, P.: Activities of amine oxidase, peroxidase and catalase in seedlings of *Pisum sativum* L. under different light conditions. *Plant Soil Environ.* 49, 2003, 151-157.
580. Křístková, E., Lebeda, A., Vinter, V., Blahoušek, O.: Genetic resources of the genus *Cucumis* and their morphological description (English-Czech version). *Hort. Sci. (Prague)* 30, 2003, 14-42.
581. Lebeda, A., Doležalová, I., Janeček, J.: Variabilita obsahu DNA u rodu *Lactuca* L. (Variability of DNA content in the genus *Lactuca* L.). In: Kozubík, A. (Ed.): Analytická cytometrie II (Analytical cytometry II). Sborník Abstrakt konference se zahraniční účastí, Brno (Czech Republic), 11.-14.5.2003, pp. 91-92.
582. Lebeda, A., Zinkernagel, V.: Characterization of new highly virulent German isolates of *Bremia lactucae* and efficiency of resistance in wild *Lactuca* spp. germplasm. *J. Phytopathol.* 151, 2003, 274-282.
583. Lebeda, A., Doležalová, I., Dziechciarková, M., Doležal, K., Frček, J.: Morphological variability and isozyme polymorphisms in maca and yacon. *Czech J. Genet. Plant Breed.* 39, 2003, 1-8.
584. Doležalová, I., Lebeda, A., Dziechciarková, M., Křístková, E., Astley, D., van de Wiel, C.C.M.: Relationships among morphological characters, isozymes polymorphism and DNA variability – the impact on *Lactuca* germplasm taxonomy. *Czech J. Genet. Plant Breed.* 39, 2003, 59-67.
585. Ulrichová, J., Lebeda, A., Škottová, N., Valentová, K., Krečman, V., Šimánek, V.: Obsahové látky jakonu (*Smallanthus sonchifolius*) a jeho chemopreventivní účinky (Chemical compounds of yacon (*Smallanthus sonchifolius*) and its chemopreventive effects). In: Fernández, E. (Ed.): I. mezinárodní seminář „Andské plodiny“ v České republice; Sborník referátů, 12. května 2003 (Ist International Seminar „Andean Crops“ in the Czech Republic; Proceedings, 12 May 2003). Czech University of Agriculture, Prague, 2003, pp. 41-45.
586. Doležalová, I., Křístková, E., Lebeda, A., Vinter, V., Astley, D., I.W. Boukema: Basic morphological descriptors for genetic resources of wild *Lactuca* spp. *Plant Genetic Resources Newsletter* 134, 2003, 1-9.
587. Lebeda, A., Doležalová, I., Valentová, K., Dziechciarková, M., Greplová, M., Opatová, H., Ulrichová, J.: Biologická a chemická variabilita maky a jakonu (Biological and chemical variability of maca and yacon). *Chemické Listy* 97, 2003, 548-556.

588. Křístková, E., Sedláková, B., Vinter, V., Lebeda, A.: Aggressiveness of *Erysiphe cichoracearum* isolates pathotype AB1B2CCm on cucumber and watermelon. Czech Mycology 55, 2003, 127 (Abstract).
589. Lebeda, A., Widrlechner M.P.: A set of Cucurbitaceae taxa for differentiation of *Pseudoperonospora cubensis* pathotypes. J. Plant Dis. Protect. 110, 2003, 337-349.
590. Ombiri, J., Zinkernagel, V., Gathuru, E., Achwanya, O., Lebeda, A.: Induction of post-infection ethylene and its role in resistance of bean (*Phaseolus vulgaris*) against *Colletotrichum lindemuthianum*. Plant Protect. Sci. 39, 2003, 79-87.
591. Křístková, E., Lebeda, A., Sedláková, B., Duchoslav, M., Dančák, M.: Distribution of powdery mildew species on Cucurbitaceous vegetables in the Czech Republic. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture. Horticulture and Vegetable Growing 22 (3), 2003, 31-41.
592. Křístková, E., Sedláková, B., Vinter, V., Lebeda, A.: Aggressiveness of *Erysiphe cichoracearum* isolates pathotype AB1B2CCm on differential plant genotypes. Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture. Horticulture and Vegetable Growing 22 (3), 2003, 315-324.
593. Lebeda, A., Sedláková, B., Křístková, E.: Rozšíření, škodlivost a variabilita patogenity padlí tykvovitých v České republice (Distribution, harmfulness and pathogenic variability of cucurbit powdery mildew in the Czech Republic). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 117-118.
594. Lebeda, A., Urban, J.: Rozšíření, škodlivost a variabilita patogenity plísně okurkové v České republice (Distribution, harmfulness and pathogenic variability of cucurbit downy mildew in the Czech Republic). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 119-120.
595. Mlíčková, K., Luhová, L., Peč, P., Lebeda, A.: Význam aktivních forem kyslíku v obraně *Lycopersicon* spp. vůči *Oidium neolycopersici* (The role of active oxygen species in defense of *Lycopersicon* spp. against *Oidium neolycopersici*). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 128-129.
596. Petrželová, A., Lebeda, A.: Srovnání virulence izolátů *Bremia lactucae* pocházejících z *Lactuca sativa* a *L. serriola* (Comparison of virulence of *Bremia lactucae* isolates originating from *Lactuca sativa* and *Lactuca serriola*). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 143-144.



597. Sedláková, B., Lebeda, A.: Rezistence k fungicidům v populaci padlí tykvovitých v České republice (Resistance to fungicides in cucurbit powdery mildews populations in the Czech Republic). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 153-154.
598. Sedlářová, M., Lebeda, A., Luhová, L.: Úloha aktivních forem kyslíku v obranné reakci *Lactuca* spp. vůči *Bremia lactucae* (The role of active oxygen species in defence response of *Lactuca* spp. to *Bremia lactucae*). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 155-156.
599. Urban, J., Lebeda, A.: Rezistence k fungicidům v populaci plísně okurkové v České republice (Resistance to fungicides in population of cucurbit downy mildew in the Czech Republic). In: Hudec, K., Huszár, J. (Eds.): XVI. Slovak and Czech Plant Protection Conference, Abstracts supplement; 16.-17. September 2003, Nitra, Slovak Republic, pp. 157-158.
600. Mlíčková, K., Sedlářová, M., Luhová, L., Peč, P., Lebeda, A.: Histochemické metody stanovení patologických změn v listech rostlin v průběhu patogenese biotrofních houbových parazitů (Histochemical methods for detection of pathological changes in plant leaves during pathogenesis of fungal biotrophic parasites). Biol. Listy 68, 2003, 212-219.
601. Křístková, E., Lebeda, A., Sedláková, B.: Virulence of Czech cucurbit powdery mildew isolates on *Cucumis melo* genotypes MR-1 and PI 124112. Scientia Hort. 99, 2004, 257-265.
602. Lebeda, A., Doležalová, I., Astley, D.: Representation of wild *Lactuca* spp. (Asteraceae, Lactuceae) in world genebank collections. Genet. Res. Crop Evol. 51, 2004, 167-174.
603. Doležalová, I., Lebeda, A., Tiefenbachová, I., Křístková, E.: Taxonomic reconsideration of some *Lactuca* spp. germplasm maintained in world genebank collections. Acta Hort. 634, 2004, 193-201.
604. Dziechciarková, M., Lebeda, A., Doležalová, I., Astley, D.: Characterization of *Lactuca* spp. germplasm by protein and molecular markers – a review. Plant Soil Environ. 50, 2004, 47-58.
605. Mieslerová, B., Lebeda, A., Kennedy, R.: Variation in *Oidium neolycopersici* development on host and non-host plant species and their tissue defence responses. Ann. Appl. Biol. 144, 2004, 237-248.
606. Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, 566 pp.
607. Lebeda, A.: Introduction. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding.

- Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 17-18.
608. Moravec, J., Lebeda, A., Křístková, E.: History of growing and breeding of cucurbitaceous vegetables in Czech Lands. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 21-38.
609. Lužný, J., Lebeda, A., Křístková, E.: A dedication to Franz Frimmel, a Czech leader of cucurbit breeding. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 39-43.
610. Vinter, V., Křístková, A., Lebeda, A., Křístková, E.: Descriptor lists for genetic resources of the genus *Cucumis* and cultivated species of the genus *Cucurbita*. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 95-99.
611. Lebeda, A., Urban, J.: Disease impact and pathogenicity variation in Czech populations of *Pseudoperonospora cubensis*. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 267-273.
612. Urban, J., Lebeda, A.: Differential sensitivity to fungicides in Czech populations of *Pseudoperonospora cubensis*. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 275-280.
613. Lebeda, A., Sedláková, B.: Disease impact and pathogenicity variation in Czech populations of cucurbit powdery mildews. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 281-287.
614. Sedláková, B., Lebeda, A.: Variation in sensitivity to fungicides in Czech populations of cucurbit powdery mildews. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 289-294.

615. Skálová, D., Lebeda, A., Navrátilová, B.: Embryo and ovule cultures in *Cucumis* species and their utilization in interspecific hybridization. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 415-430.
616. Gajdová, J., Lebeda, A., Navrátilová, B.: Protoplast cultures of *Cucumis* and *Cucurbita* spp. In: Lebeda, A., Paris, H.S. (Eds.): Progress in Cucurbit Genetics and Breeding Research. Proceedings of Cucurbitaceae 2004, the 8<sup>th</sup> EUCARPIA Meeting on Cucurbit Genetics and Breeding. Palacký University in Olomouc, Olomouc (Czech Republic), 2004, pp. 441-454.
617. Lebeda, A., Urban, J.: Nové poznatky o plísni okurkové (New pieces of knowledge about downy mildew of cucurbits). Rostlinolékař 15/4, 2004, 20-23.
618. Lebeda, A., Petrželová, I.: Variation and distribution of virulence phenotypes of *Bremia lactucae* in natural populations of *Lactuca serriola*. Plant Pathology 53, 2004, 316-324.
619. Petrželová, I., Lebeda, A.: Occurrence of *Bremia lactucae* in natural populations of *Lactuca serriola*. J. Phytopathol. 152, 2004, 391-398.
620. Lebeda, A., Petrželová, I.: Variation in wild pathosystem (*Lactuca serriola* – *Bremia lactucae*) and its significance for lettuce resistance breeding and growing. In: Summaries and Program, 17<sup>th</sup> International Lettuce and Leafy Vegetable Conference, 28-31 August 2004, Sandman Hotel, Montreal-Longueuil. Agriculture and Agri-Food Canada, pp. 16-17 (Abstract).
621. Lebeda, A., Doležalová, I., Křístková, E., Novotná, A.: Morphological and developmental characteristics of *Lactuca serriola* germplasm originating from Europe. In: Summaries and Program, 17<sup>th</sup> International Lettuce and Leafy Vegetable Conference, 28-31 August 2004, Sandman Hotel, Montreal-Longueuil. Agriculture and Agri-Food Canada, pp. 28-29 (Abstract).
622. Lebeda, A., Doležalová, I., Janeček, J., Gasmanová, N.: Differences in relative DNA content of *Lactuca serriola* germplasm collected in Europe. In: Summaries and Program, 17<sup>th</sup> International Lettuce and Leafy Vegetable Conference, 28-31 August 2004, Sandman Hotel, Montreal-Longueuil. Agriculture and Agri-Food Canada, pp. 29-30 (Abstract).
623. Lebeda, A., Sedlářová, M., Pink, D.A.C.: Response of wild *Lactuca* spp. and their hybrids with *L. sativa* to *Bremia lactucae*: histological study. In: Summaries and Program, 17<sup>th</sup> International Lettuce and Leafy Vegetable Conference, 28-31 August 2004, Sandman Hotel, Montreal-Longueuil. Agriculture and Agri-Food Canada, p. 30 (Abstract).
624. Dziechciarková, M., Lebeda, A., Doležalová, I., Křístková, E.: Isozyme variation in European *Lactuca serriola* germplasm. In: Vollmann, J., Grausgruber, H., Ruckenbauer, P. (Eds.): Genetic variation for plant breeding. Proceedings of the 17th EUCARPIA General Congress, 8-11

- September 2004, Tulln, Austria. BOKU-University of Natural Resources and Applied Life Sciences, Vienna, Austria, 2004, pp. 103-107.
625. Lebeda, A., Doležalová, I., Astley, D., Feráková, V.: Systematics, geography and biodiversity of wild *Lactuca* spp. germplasm. In: Vollmann, J., Grausgruber, H., Ruckenbauer, P. (Eds.): Genetic variation for plant breeding. Proceedings of the 17th EUCARPIA General Congress, 8-11 September 2004, Tulln, Austria. BOKU-University of Natural Resources and Applied Life Sciences, Vienna, Austria, 2004, pp. 109-112.
626. Lebeda, A., Petrželová, I.: Occurrence of race-specific resistance to *Bremia lactucae* in *Lactuca serriola* germplasm originating from four European countries. In: Vollmann, J., Grausgruber, H., Ruckenbauer, P. (Eds.): Genetic variation for plant breeding. Proceedings of the 17th EUCARPIA General Congress, 8-11 September 2004, Tulln, Austria. BOKU-University of Natural Resources and Applied Life Sciences, Vienna, Austria, 2004, pp. 113-116.
627. Doležalová, I., Lebeda, A., Gasmanová, N.: Variation in relative DNA content in maca and yacon germplasm. In: Vollmann, J., Grausgruber, H., Ruckenbauer, P. (Eds.): Genetic variation for plant breeding. Proceedings of the 17th EUCARPIA General Congress, 8-11 September 2004, Tulln, Austria. BOKU-University of Natural Resources and Applied Life Sciences, Vienna, Austria, 2004, pp. 127-130.
628. Sedlářová, M., Luhová, L., Lebeda, A.: Histochemical localization of active oxygen species and study of antioxidant enzymes involved in defence mechanisms of *Lactuca* spp. to *Bremia lactucae*. In: Frébort, I., Walterová, D. (Eds.): Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium 2004, Chemica 43S; Proceedings of the XIX. Meeting of Czech and Slovak Societies for Biochemistry and Molecular Biology, Olomouc, August 31 – September 3, 2004, pp. 35-37.
629. Mlíčková, K., Luhová, L., Peč, P., Lebeda, A.: Study of the reactive oxygen species and antioxidant enzymes during *Oidium neolycopersici* infection on *Lycopersicon* spp. In: Frébort, I., Walterová, D. (Eds.): Acta Universitatis Palackianae Olomucensis, Facultas Rerum Naturalium 2004, Chemica 43S; Proceedings of the XIX. Meeting of Czech and Slovak Societies for Biochemistry and Molecular Biology, Olomouc, August 31 – September 3, 2004, pp. 47-48.
630. Gajdová, J., Navrátilová, B., Lebeda, A.: Progress in research of Cucurbitaceae protoplast cultures. Acta Physiol. Plantarum 26 (No. 3 Supplement), 2004, 250 (Abstract; The 14<sup>th</sup> FESPB Congress, Book of Abstracts, August 23-27, 2004 Cracow, Poland).
631. Skálová, D., Navrátilová, B., Lebeda, A.: Progress in research of embryo cultures in *Cucumis* spp. Acta Physiol. Plantarum 26 (No. 3 Supplement), 2004, 256 (Abstract; The 14<sup>th</sup> FESPB Congress, Book of Abstracts, August 23-27, 2004 Cracow, Poland).
632. Sedlářová, M., Lebeda, A., Luhová, L.: Buněčný stres v interakcích rostlina – biotrofní houba (Cellular stress in plant-fungal pathogen interactions). In:

- Hnilička, F. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin 2004 /Sborník příspěvků/ (Influence of abiotic and biotic stressors on characteristics of plants 2004 /Proceedings/). Czech Agricultural University in Prague, Faculty of Agronomy, Prague-Suchdol, 2004. pp. 61-65.
633. Mlíčková, K., Luhová, L., Peč, P., Lebeda, A.: Peroxidasy v procesu patogeneze *Oidium neolyopersici* na *Lycopersicon* spp. (Peroxidases in the process of pathogenesis of *Oidium neolyopersici* on *Lycopersicon* spp.). In: Hnilička, F. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin 2004 /Sborník příspěvků/ (Influence of abiotic and biotic stressors on characteristics of plants 2004 /Proceedings/). Czech Agricultural University in Prague, Faculty of Agronomy, Prague-Suchdol, 2004. pp. 114-119.
634. Lebeda, A., Sedlářová, M.: Obranné mechanismy rostlin v interakcích hostitel –patogen (Defence mechanisms of plants in the host-pathogen interactions). In: Věchet, L. (Ed.): Choroby rostlin, s důrazem na obilniny, jejich symptomy a rezistence, molekulární a biochemická charakteristika interakcí hostitel-patogen (Diseases of plants, with the focus on cereals, their symptoms and resistance, molecular and biochemical characteristics of host-pathogen interactions). Sborník příspěvků semináře (Proceedings) konaného dne 4.11.2005, VÚRV Praha. Výzkumný ústav rostlinné výroby (Research Institute of Plant Production) Praha-Ruzyně, 2004, pp. 75-77. (Abstract)
635. Lebeda, A., Sedlářová, B.: Druhové spektrum, patogenní variabilita a rezistence k fungicidům u padlí tykvovitých (Species spectrum, pathogenic variability and fungicide resistance in cucurbit powdery mildew). Rostlinolékař 15/6, 2004, 15-19.
636. Lebeda, A., Doležalová, I., Feráková, V., Astley, D.: Geographical distribution of wild *Lactuca* species (Asteraceae, Lactuceae). The Botanical Review 70/3, 2004, 328-356.
637. Petrželová, I., Lebeda, A.: Temporal and spatial variation in virulence of natural populations of *Bremia lactucae* occurring on *Lactuca serriola*. In: Spencer-Phillips, P.T.N., Jeger, M. (Eds.): Advances in Downy Mildew Research, Vol. 2. Kluwer Academic Publishers, Dordrecht, 2004, pp. 141-163.
638. Lebeda, A., Widrlechner, M.P.: Response of wild and weedy *Cucurbita* L. to pathotypes of *Pseudoperonospora cubensis* (Berk. & Curt.) Rostov. (cucurbit downy mildew). In: Spencer-Phillips, P.T.N., Jeger, M. (Eds.): Advances in Downy Mildew Research, Vol. 2. Kluwer Academic Publishers, Dordrecht, 2004, pp. 203-210.
639. Lebeda, A., Urban, J.: Distribution, harmfulness and pathogenic variability of cucurbit downy mildew in the Czech Republic. Acta fytotechnica et zootechnica 7, 2004, 170-173.

640. Lebeda, A., Sedláková, B., Křístková, E.: Distribution, harmfulness and pathogenic variability of cucurbit powdery mildew in the Czech Republic. *Acta fytotechnica et zootechnica* 7, 2004, 174-176.
641. Mlíčková, K., Luhová, L., Peč, P., Lebeda, A.: The role of active oxygen species in defense of *Lycopersicon* spp. against *Oidium neolycopersici*. *Acta fytotechnica et zootechnica* 7, 2004, 214-216.
642. Petrželová, I., Lebeda, A.: Comparison of virulence of *Bremia lactucae* isolates originating from *Lactuca sativa* and *Lactuca serriola*. *Acta fytotechnica et zootechnica* 7, 2004, 248-250.
643. Sedláková, B., Lebeda, A.: Resistance to fungicides in cucurbit powdery mildew populations in the Czech Republic. *Acta fytotechnica et zootechnica* 7, 2004, 269-271.
644. Sedlářová, M., Lebeda, A., Luhová, L.: The role of active oxygen species in resistance of *Lactuca* spp. to *Bremia lactucae*. *Acta fytotechnica et zootechnica* 7, 2004, 272-274.
645. Urban, J., Lebeda, A.: Resistance to fungicides in population of cucurbit downy mildew in the Czech Republic. *Acta fytotechnica et zootechnica* 7, 2004, 327-329.
646. Mlíčková, K., Luhová, L., Lebeda, A., Mieslerová, B., Peč, P.: Reactive oxygen species generation and peroxidase activity during *Oidium neolycopersici* infection on *Lycopersicon* species. *Plant Physiol. Biochem.* 42, 2004, 753-761.
647. Lebeda, A., Doležalová, I., Doležal, K.: Variation in morphological and biochemical characters in genotypes of maca and yacon. *Acta Hort.* 629, 2004, 483-490.
648. Ale-Agha, N., Bolay, A., Braun, U., Jage, H., Kummer, V., Lebeda, A., Piatek, M., Shin, H.-D., Zimmermanová-Pastirčáková, K.: *Erysiphe catalpae* and *E. elevata* in Europe. *Mycol. Progress* 3, 2004, 291-296.
649. Šváblová, L., Lebeda, A.: *In vitro* selection for improved plant resistance to toxin-producing pathogens. *J. Phytopathol.* 153, 2005, 52-64.
650. Beharav, A., Lewinsohn, D., Lebeda, A., Nevo, E.: New wild *Lactuca* genetic resources with resistance against *Bremia lactucae*. In: *Progress & Abstracts 4th Congress of the Federation of the Israeli Societies for Experimental Biology*, Eilat, Israel, 2005, p. 450.
651. Lebeda, A., Paris, H.S.: Report on the 8<sup>th</sup> EUCARPIA meeting Cucurbitaceae: Cucurbitaceae 2004. *EUCARPIA Bulletin* No. 32, 2005, 22-25.
652. Lebeda, A., Petrželová, I.: Comparison of resistance to *Bremia lactucae* in populations of *Lactuca serriola* occurring in Central Europe (Czech Republic) and the British Isles (England, U.K.). XVII Eucarpia Genetic Resources Section Meeting; „Plant Genetic Resources of Geographical and „other“ islands (Conservation, evaluation and use for plant breeding)“; Castelsardo (Italy), 30 March – 2 April 2005; *Book of Abstracts (Bullitta, S. /Ed./), CNR-ISPAAM, sezione Sassari, Italy, 2005, p. 14.*
653. Lebeda, A., Doležalová, I., Křístková, E., Novotná, A.: Comparative study of variation in some morphological and developmental characteristics of

- Lactuca serriola* germplasm collected in Central Europe (Czech Republic) and the British Isles (England, U.K.). XVII Eucarpia Genetic Resources Section Meeting; „Plant Genetic Resources of Geographical and „other“ islands (Conservation, evaluation and use for plant breeding)“; Castelsardo (Italy), 30 March – 2 April 2005; Book of Abstracts (Bullitta, S. /Ed./), CNR-ISPAAAM, sezione Sassari, Italy, 2005, p. 46.
654. Lebeda, A., Mieslerová, B., Doležalová, I.: *Erysiphe pachypodii* – a new species on *Pachypodium lamerei*. Mycotaxon 92, 2005, 285-287.
655. Lebeda, A.: Úvodník (na téma „Rostlinný patosystém – teorie nebo realita, aneb jak přírodní vědy mohou přispět k rozvoji rostlinolékařství“) (Introduction (on the topic „Plant pathosystem – theory and/or reality, how can natural sciences contribute to the development of plant medicine“)). Rostlinolékař 16/4, 2005, 3.
656. Sedlářová, M., Luhová, L., Lebeda, A.: Lokalizace produkce aktivních forem kyslíku a studium antioxidantních enzymů u *Lactuca* spp. během patogeneze *Bremia lactucae* (původce plísně salátové) (Localization of active oxygen species and study of antioxidant enzymes in *Lactuca* spp. during pathogenesis of *Bremia lactucae* (causal agent of lettuce downy mildew)). In: Bláha, L. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin (Influence of abiotic and biotic stressors on characters of plants). Výzkumný ústav rostlinné výroby, Praha-Ruzyně, 2005, pp. 274-279.
657. Sedlářová, M., Lebeda, A.: Plant cytoskeleton in interactions with pathogens. In: XIII. Cytoskeletální Klub, Nové Město na Moravě (27.-29.4.2005); Institute of Molecular Genetics, Academy of Sciences of the Czech Republic, Society for Cell Biology by Czechoslovak Biological Society; Book of Abstracts, 2005, p. 22.
658. Gasmanová, N., Lebeda, A., Pavlíček, T., Doležalová, I., Nevo, E.: Variabilita relativního obsahu DNA u *Hordeum spontaneum* ve vztahu k jeho výskytu v odlišných mikroklimatických podmínkách (Variability of relative DNA content in *Hordeum spontaneum* in relationship to the occurrence in different microclimatic conditions). In: Šimková H. (Ed.): Analytická cytometrie III (Analytical cytometry III). Sborník abstraktů konference se zahraniční účastí, Červenohorské sedlo (Czech Republic), 21.-25.6.2005, pp. 125-126.
659. Thomas, G., Astley, D., Boukema, I., Daunay, M.C., Del Greco, A., Diez, M.J., van Dooijeweert, W., Keller, J., Kotlinska, T., Lebeda, A., Lipman, E., Maggioni, L., Rosa, E. (eds.): Report of a Vegetables Network. Joint Meeting with and *ad hoc* group on Leafy Vegetables, 22-24 May 2003, Skierniewice, Poland. International Plant Genetic Resources Institute, Rome, Italy, 2005, 154 pp.
660. Lebeda, A., Boukema, I.W.: *Ad Hoc* Meeting on Leafy Vegetables. In: Thomas, G., Astley, D., Boukema, I., Daunay, M.C., Del Greco, A., Diez, M.J., van Dooijeweert, W., Keller, J., Kotlinska, T., Lebeda, A., Lipman, E., Maggioni, L., Rosa, E. (eds.): Report of a Vegetables Network. Joint

- Meeting with and *ad hoc* group on Leafy Vegetables, 22-24 May 2003, Skierniewice, Poland. International Plant Genetic Resources Institute, Rome, Italy, 2005, pp. 82-94.
661. Lebeda, A., Doležalová, I., Vondráková, D.: The working collection of the genus *Lactuca* at the Palacký University, Czech Republic. In: Thomas, G., Astley, D., Boukema, I., Daunay, M.C., Del Greco, A., Diez, M.J., van Dooijeweert, W., Keller, J., Kotlinska, T., Lebeda, A., Lipman, E., Maggioni, L., Rosa, E. (eds.): Report of a Vegetables Network. Joint Meeting with and *ad hoc* group on Leafy Vegetables, 22-24 May 2003, Skierniewice, Poland. International of Plant Genetic Resources Institute, Rome, Italy, 2005, pp. 103-107.
662. Sedlářová, M., Výtisková, M., Doležal, K., Lebeda, A.: Treatment with cytokinins delays chlorophyll degradation induced by *Bremia lactucae* pathogenesis on host *Lactuca* spp. *Biologia Plantarum* 49 (Suppl.), 2005, S33. (Abstract)
663. Lebeda, A., Gasmanová, N., Doležalová, I., Janeček, J.: Preliminary study of relative DNA content variation in some European populations of *Lactuca serriola*. In: XVII International Botanical Congress, Vienna, Austria, 17-23 July 2005, Abstracts, p. 276.
664. Doležalová, I., Lebeda, A., Křístková, E., Novotná, A.: Morphological variation of *Lactuca serriola* populations from some European countries. In: XVII International Botanical Congress, Vienna, Austria, 17-23 July 2005, Abstracts, p. 458.
665. Skálová, D., Dziechciarková, M., Lebeda, A., Navrátilová, B., Křístková, E.: The utilization of embryo culture in the interspecific hybridization between *Cucumis anguria* and *Cucumis zeyheri*. In: XVII International Botanical Congress, Vienna, Austria, 17-23 July 2005, Abstracts, p. 645.
666. Křístková, E., Lebeda, A., Sedláková, B., Duchoslav, M., Dančák, M.: Temporal and spatial dynamics of powdery mildew species on cucurbits in the Czech Republic. In: Abstracts of Oral Presentations, 3<sup>rd</sup> International Cucurbit Symposium ISHS in conjunction with 7<sup>th</sup> Australian Melon Conference, 11–17 September 2005, Townsville, Australia, p. 77.
667. Lebeda, A., Urban, J.: Temporal changes in pathogenicity and fungicide resistance in *Pseudoperonospora cubensis* populations. In: Abstracts of Oral Presentations, 3<sup>rd</sup> International Cucurbit Symposium ISHS in conjunction with 7<sup>th</sup> Australian Melon Conference, 11–17 September 2005, Townsville, Australia, p. 79.
668. Skálová, D., Dziechciarková, M., Lebeda, A., Navrátilová, B., Křístková, E.: Interspecific hybridization *C. anguria* × *C. zeyheri*, *C. sativus* × *C. melo* and *C. sativus* × *C. metuliferus* through embryo cultures. In: Poster Abstracts, 3<sup>rd</sup> International Cucurbit Symposium and 7<sup>th</sup> Australian Melon Conference, 11–17 September 2005, Townsville, Australia, pp. 11-12.
669. Gajdová, J., Lebeda, A., Navrátilová, B.: Effect of genotype, media composition and type of tissue on *Cucumis* and *Cucurbita* protoplast isolation and regeneration. In: Poster Abstracts, 3<sup>rd</sup> International Cucurbit



- Symposium and 7<sup>th</sup> Australian Melon Conference, 11–17 September 2005, Townsville, Australia, pp. 12-13.
670. Gasmanová, N., Lebeda, A., Doležalová, I., Paris, H.S.: Variability of DNA contents in some cucurbit germplasm – preliminary study. In: Poster Abstracts, 3<sup>rd</sup> International Cucurbit Symposium and 7<sup>th</sup> Australian Melon Conference, 11–17 September 2005, Townsville, Australia, p. 13.
671. Lebeda, A., Doležalová, I., Křístková, E., Mieslerová, B., Duchoslav, M., Havránek, P., Vondráková, D.: Maintenance of and research on wild crop relatives at Department of Botany, Palacký University in Olomouc, Czech Republic. In: Kell, S., Scholten, M. (comp.): Book of Abstracts; First International Conference on *Crop Wild Relatives* Conservation and Use, Incorporating the PGR Forum Final Dissemination Conference, 14–17 September, Dioscuri BayPalace Hotel, Agrigento, Sicily, Italy; University of Birmingham, UK, 2005, p. 109.
672. Lebeda, A., Křístková, E., Dančák, M., Havránek, P.: Botanical Garden of Palacký University in Olomouc – history and recent development. In: Sekerka, P. (ed.): Sborník z konference “Introdukce a genetické zdroje rostlin, Botanické zahrady v novém tisíciletí” (Proceedings of the conference “Introduction and plant genetic resources – Botanical gardens in the new millenium”), 5.–9. září 2005, Česká zemědělská univerzita Praha. Botanická zahrada hl.m. Prahy, Fakulta agrobiologie potravinových a přírodních zdrojů ČZU, Unie botanických zahrad ČR, Praha, pp. 81-83.
673. Lebeda, A., Doležalová, I., Křístková, E., Mieslerová, B., Duchoslav, M., Havránek, P., Vondráková, D.: Maintenance of and research on wild crop relatives at Department of Botany, Palacký University in Olomouc, Czech Republic. In: Sekerka, P. (ed.): Sborník z konference “Introdukce a genetické zdroje rostlin, Botanické zahrady v novém tisíciletí” (Proceedings of the conference “Introduction and plant genetic resources – Botanical gardens in the new millenium”), 5.–9. září 2005, Česká zemědělská univerzita Praha. Botanická zahrada hl.m. Prahy, Fakulta agrobiologie potravinových a přírodních zdrojů ČZU, Unie botanických zahrad ČR, Praha, pp. 83-85.
674. Lebeda, A.: (Henry R.J. (Ed.): Plant Diversity and Evolution: Genotypic and Phenotypic Variation in Higher Plants. CABI Publishing, Wallingford, UK, 2005, 332 pp.). Plant Protect. Sci. 41, 2005, 123-124. (Book review)
675. Skálová, D., Gasmanová, N., Lebeda, A., Navrátilová, B.: Interspecific hybridization between *Cucumis sativus* and wild *Cucumis* species through embryo culture. Acta Biol. Cracoviensia Ser. Botanica 47 (Suppl. 1), 2005, 81.
676. Lebeda, A., Urban, J.: Ochrana okurek a dalších tykvovitých zelenin vůči plísni okurkové /Sborník přednášek/ (Protection of cucumbers and other cucurbitaceous vegetables to cucurbit downy mildew /Proceedings/). In: Kocourek, F. et al.: Metodika pro integrovaný systém ochrany polní zeleniny vůči škodlivým organismům (Methods for integrated system of field vegetables protection to dangerous organisms). Zelinářská unie Čech

- a Moravy, Olomouc (Vegetables Grower Union of Bohemia and Moravia, Olomouc, Czech Republic), 2005, pp. 24-38.
677. Lebeda, A., Sedláková, B.: Ochrana okurek a dalších tykvovitých zelenin vůči padlí tykvovitých /Proceedings/ (Protection of cucumbers and other cucurbitaceous vegetables to cucurbit powdery mildew /Proceedings/). In: Kocourek, F. et al.: Metodika pro integrovaný systém ochrany polní zeleniny vůči škodlivým organismům (Methods for integrated system of field vegetables protection to dangerous organisms). Zelinářská unie Čech a Moravy, Olomouc (Vegetables Grower Union of Bohemia and Moravia, Olomouc, Czech Republic), 2005, pp. 39-53.
678. Mieslerová, B., Lebeda, A.: Effect of light and temperature on tomato powdery mildew (*Oidium neolycopersici*). Czech Mycology 57, 2005, 313-314.
679. Sedláková, B., Lebeda, A.: Fungicide resistance in cucurbit powdery mildew populations on the territory of the Czech Republic. Czech Mycology 57, 2005, 317-318.
680. Valentová, K., Lebeda, A., Doležalová, I., Jirovský, D., Simonovska, B., Vovk, I., Kosina, P., Gasmanova, N., Dziechciarkova, M., Ulrichová J.: The biological and chemical variability of yacon. J. Agric. Food Chem. 54, 2006, 1347-1352.
681. Beharav, A., Lewinsohn, D., Lebeda, A., Nevo, E.: New wild *Lactuca* genetic resources with resistance against *Bremia lactucae*. Genet. Res. Crop Evol. 53, 2006, 467-474.
682. Sedlářová, M., Adámková, Š., Grúz, J., Gášková, Z., Luhová, L., Lebeda, A.: Změny obsahu fenolických látek v listech *Lactuca* spp. po infekci *Bremia lactucae* (Variation in phenolic compounds content in *Lactuca* spp. leaves due to *Bremia lactucae* infection). In: Bláha, L. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin, 2006 /Sborník příspěvků/ (Influence of abiotic and biotic stress on characteristics of plants, 2006 /Proceedings/). Research Institute of Plant Production, Praha-Ruzyně, 2006, pp. 188-192.
683. Luhová, L., Lebeda, A., Kutrová, E., Hedererová, D., Peč, P.: Peroxidase, catalase, amine oxidase and acid phosphatase activities in *Pisum sativum* during infection with *Fusarium oxysporum* and *Fusarium solani*. Biol. Plantarum 50, 2006, 675-682.
684. Skálová, D., Navrátilová, B., Lebeda, A., Gasmanová, N.: Effect of colchicine application on interspecific hybridization between cucumber (*Cucumis sativus*) and wild *Cucumis* spp. In: Barnabás, B., Jäger, K. (Eds.): XIXth International Congress on Sexual Plant Reproduction. From gametes to genes. Book of Abstracts. 11-15 July 2006, Budapest. Szent István Egyetem, Gödöllő, Hungary, pp. 214-215.
685. Urban, J., Lebeda, A.: Fungicide resistance in cucurbit downy mildew – methodological, biological and population aspects. Ann. Appl. Biol. 149, 2006, 63-75.
686. Lebeda, A., Sedlářová, M., Lynn, J., Pink, D.A.C.: Phenotypic and histological

- expression of different genetic backgrounds in interactions between lettuce, wild *Lactuca* spp., *L. sativa* × *L. serriola* hybrids and *Bremia lactucae*. *Europ. J. Plant Pathol.* 115, 2006, 431-441.
687. Lebeda, A.: (Eyualem A., Andrassy I., Traunspurger W. (Eds.): *Freshwater Nematodes: Ecology and Taxonomy*. CABI Publishing, Wallingford, UK, 2006, 754 pp.). *Plant Protect. Sci.* 42, 2006, 81-82. (Book review)
688. Lebeda, A., Mieslerová, B.: (Heuvelink E. (Ed.): *Tomato*. CABI Publishing, Wallingford, UK, 2005, 352 pp.). *Plant Protect. Sci.* 42, 2006, 83-84. (Book review)
689. Lebeda, A., Doležalová, I., Valentová, K., Gasmanova, N., Dziechciarkova, M., Ulrichova, J.: Yacon (*Smallanthus sonchifolius*) - A traditional crop of Andean indians as a challenge for the future – The news about biological variation and chemical substances contents. Abstracts, 27th International Horticultural Congress & Exhibition, August 13-19, 2006, COEX (Convention & Exhibition), Seoul, Korea; ISHS and KSHS, 2006; S03-P-18, p. 85-86.
690. Adámková, Š., Luhová, L., Petřivalský, M., Mieslerová, B., Lebeda, A., Peč, P.: The production of nitric oxide and the activity of NO synthase during pathogenesis in tomato. In: Boháčová, V., Breier, A., Zbyňovská, D., Zliechovec, J. (Eds.): *Proceedings from XX. Biochemický zjazd held in Piešťany, 12.-16. September 2006*, PO 4.18.
691. Gajdová, J., Navrátilová, B., Lebeda, A.: Protoplast fusion in genus *Cucumis*. In: Holmes, G.J. (Ed.): *Proceedings of Cucurbitaceae 2006*. Universal Press, Raleigh, North Carolina, USA, 2006, pp. 9-13.
692. Skálová, D., Navrátilová, B., Lebeda, A., Gasmanová, N.: Embryo culture as a tool for interspecific hybridization of *Cucumis sativus* and wild *Cucumis* species. In: Holmes, G.J. (Ed.): *Proceedings of Cucurbitaceae 2006*. Universal Press, Raleigh, North Carolina, USA, 2006, pp. 51-59.
693. Lebeda, A., Sedláková, B.: Identification and survey of cucurbit powdery mildew races in Czech populations. In: Holmes, G.J. (Ed.): *Proceedings of Cucurbitaceae 2006*. Universal Press, Raleigh, North Carolina, USA, 2006, pp. 444-452.
694. Lebeda, A., Widrlechner, M.P., Urban, J.: Individual and population aspects of interactions between cucurbits and *Pseudoperonospora cubensis*: pathotypes and races. In: Holmes, G.J. (Ed.): *Proceedings of Cucurbitaceae 2006*. Universal Press, Raleigh, North Carolina, USA, 2006, pp. 453-467.
695. Lebeda, A., Sedlářová, M., Mieslerová, B.: Mechanismy rezistence v interakcích rostlina-patogen: strukturální, histologické, cytologické a fyziologicko-biochemické aspekty (Resistance mechanism in plant-pathogen interactions: structural, histological, cytological and physiological-biochemical aspects). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): *Sborník abstraktů*, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of

- Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 2-3.
696. Urban, J., Lebeda, A.: Rezistence k fungicidům: Případová studie plísně tykvoovitých na území České republiky (Fungicide resistance: A case study with cucurbit downy mildew in the Czech Republic). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 84-86.
697. Mieslerová, B., Lebeda, A., Vaculíková, I.: Vliv teploty na vývoj padlí rajčat (*Oidium neolycopersici*) a na projev rezistence u hostitelských rostlin (The effect of temperature on development of tomato powdery mildew (*Oidium neolycopersici*) and on expression of host plant resistance). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 241-243.
698. Mieslerová, B., Lebeda, A., Česneková, E., Petrželová, I.: Variabilita interakcí planých zástupců rodu *Lactuca* a padlí čekankového (*Golovinomyces cichoracearum*) (Variability of the interactions of wild *Lactuca* species and lettuce powdery mildew (*Golovinomyces cichoracearum*)). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 244-246.
699. Petrželová, I., Lebeda, A., Maryška, Z.: Variabilita populací plísně salátové (*Bremia lactucae*) v porostech kulturního salátu na území České republiky (Variability of lettuce downy mildew (*Bremia lactucae*) populations on cultivated lettuce in the Czech Republic). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 257-259.
700. Sedláková, B., Lebeda, A.: Průzkum rezistence k fungicidům v populaci padlí tykvoovitých v České republice (Survey of fungicide resistance in cucurbit powdery mildews populations in the Czech Republic). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů, (Book of Abstracts, XVII. Czech and Slovak Plant Protection Conference), Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 269-271.

701. Sedlářová, M., Adámková, Š., Grúz, J., Mikšíková, P., Gášková, Z., Lebeda, A.: Fenolické látky a aktivita PAL v interakcích rostlina-patogen (Phenolic compounds and PAL activity in plant-pathogen interactions). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Sborník abstraktů (Book of Abstracts), XVII. Czech and Slovak Plant Protection Conference, Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), 12.-14. September 2006, Prague, Czech Republic, 2006, pp. 272-273.
702. Tománková, K., Luhová, L., Petřivalský, M., Peč, P., Lebeda, A.: Biochemical aspects of reactive oxygen species formation in the interaction between *Lycopersicon* spp. and *Oidium neolycopersici*. *Phys. Mol. Plant Pathol.* 68, 2006, 22-32.
703. Lebeda, A., Veverka, K: Seventieth Birthday of Professor Ing. Václav Kůdela, DrSc. *Plant Protect. Sci.* 42, 2006, 118-120.
704. Šustar-Vozlič, J., Ugrinovič, K., Maras, M., Javornik, B., Lebeda, A., Petrželová, I., Meglič, V.: Slovene autochthonous collection of crisp lettuce (*Lactuca sativa* L): morphological and molecular variability, *Bremia* resistance. In: Filipič, M., Zajc, I. (Eds.): Genetika 2006. Book of Abstracts. 4th Congress of Slovenian Genetic Society and 2nd Meeting of The Slovenian Society of Human Genetics. Birotisk, Ljubljana, Slovenia, 2006, p. 28.
705. Lebeda, A., Mieslerová, B.: (Janse, J.D.: *Phytobacteriology: Principles and Practice*. CABI Publishing, Wallingford, UK, 2006, 360 pp.). *Plant Protect. Sci.* 42, 2006, 147-148. (Book review)
706. Adámková, Š., Luhová, L., Petřivalský, M., Mieslerová, B., Lebeda, A., Peč, P.: The production of nitric oxide and the activity of NO synthase during pathogenesis in tomato. In: Proceedings of XXth Biochemical Meeting, September 12-16, 2006, Piešťany, Slovakia. Institute of Molecular Physiology and Genetics, Slovak Academy of Sciences, Bratislava, p. 286 (Abstract).
707. Lebeda, A., Mazáková, J., Táborský, V. (Eds.): *Protozoa a Chromista - Taxonomie, biologie a hospodářský význam (Protozoa and Chromista - Taxonomy, Biology and Economical Impact)*. Česká fytopatologická společnost (Czech Phytopathological Society), Praha, 2006, 92 pp.
708. Lebeda, A., Táborský, V.: Úvod (Introduction). In: Lebeda, A., Mazáková, J., Táborský, V. (Eds.): *Protozoa a Chromista - Taxonomie, biologie a hospodářský význam (Protozoa and Chromista - Taxonomy, Biology and Economical Impact)*. Česká fytopatologická společnost (Czech Phytopathological Society), Praha, 2006, p. 3.
709. Lebeda, A., Mieslerová, B.: Charakteristika a význam říše Chromista se zaměřením na třídu Peronosporomycetes (Characteristics and importance of the kingdom Chromista with the focus on Peronosporomycetes). In: Lebeda, A., Mazáková, J., Táborský, V. (Eds.): *Protozoa a Chromista - Taxonomie, biologie a hospodářský význam (Protozoa and Chromista -*

- Taxonomy, Biology and Economical Impact). Česká fytopatologická společnost (Czech Phytopathological Society), Praha, 2006, pp. 22-46.
710. Lebeda, A., Štěpánková, J., Urban, J.: Plíseň okurky (*Pseudoperonospora cubensis*) – taxonomie, biologie, ekologie, interakce hostitel-patogen a možnosti ochrany (Cucurbit downy mildew (*Pseudoperonospora cubensis*) – taxonomy, biology, ecology, host-pathogen interactions and possibilities of protection). In: Lebeda, A., Mazáková, J., Táborský, V. (Eds.): Protozoa a Chromista . Taxonomie, biologie a hospodářský význam (Protozoa a Chromista - Taxonomy, Biology and Economical Impact). Česká fytopatologická společnost (Czech Phytopathological Society), Praha, 2006, pp. 47-78.
711. Lebeda, A., Sedlářová, M., Mieslerová, B.: Mechanismy rezistence v interakcích rostlina – patogen (Resistance mechanisms in host-pathogen interactions). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 18-34.
712. Mieslerová, B., Lebeda, A., Česneková, E., Petrželová, I.: Variability of the interactions of wild *Lactuca* species and lettuce powdery mildew (*Golovinomyces cichoracearum*). In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 281-286.
713. Mieslerová, B., Lebeda, A., Vaculíková, I.: The effect of temperature on development of tomato powdery mildew (*Oidium neolycopersici*) and on expression of host plant resistance. In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 287-291.
714. Petrželová, I., Lebeda, A., Maryška, Z.: Variability of lettuce downy mildew (*Bremia lactucae*) populations on cultivated lettuce in the Czech Republic. In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 306-310.
715. Sedláková, B., Lebeda, A.: Survey of fungicide resistance in cucurbit powdery mildews populations in the Czech Republic. In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká

zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 346-350.

716. Urban, J., Lebeda, A.: Fungicide resistance: A case study with cucurbit downy mildew in the Czech Republic. In: Herda, G., Mazáková, J., Zouhar, M. (Eds.): Proceedings of the XVIIth Czech and Slovak Plant Protection Conference; 12.-14.9.2006, Praha, Czech Republic. Česká zemědělská univerzita v Praze, Katedra ochrany rostlin (Czech Agricultural University in Prague, Department of Plant Protection), Prague, Czech Republic, 2006, pp. 372-377.
717. Křístková, E., Lebeda, A., Lechnerová, M., Všeticka, V., Krška, B.: Following almond footprints in Czech Republic. *Scripta Horticulturae* 4, 2006, 37-41.
718. Lebeda, A., Křístková, E., Doležalová, I., Mieslerová, B., Dančák, M., Duchoslav, M., Havránek, P.: *Ex situ* conservation of wild plant species and research programs in Botanic Garden of Palacký University in Olomouc (Czech Republic). In: Hanzelka, P. (Ed.): EuroGard IV, Botanic Gardens and the 2010 Challenge, Congress Proceedings, 18th-22th September 2006, Prague-Průhonice, Czech Republic. Union of Botanic Gardens of the Czech Republic, Prague, 2006, p. 18. (Abstract)
719. Singh, R., Lebeda, A.: Landmark Research in Vegetable Crops, Chapter 1, pp. 1-15. In: Singh, R. (Ed.): Genetic Resources, Chromosome Engineering, and Crop Improvement Series, Volume 3 – Vegetable Crops. CRC Press, Boca Raton, FL, USA. 2007.
720. Lebeda, A., Widrlechner, M.P., Staub, J., Ezura, H., Zalapa, J., Křístková, E.: Cucurbits (Cucurbitaceae; *Cucumis* spp., *Cucurbita* spp., *Citrullus* spp.), Chapter 8, pp. 271-376. In: Singh, R. (Ed.): Genetic Resources, Chromosome Engineering, and Crop Improvement Series, Volume 3 – Vegetable Crops. CRC Press, Boca Raton, FL, USA. 2007.
721. Lebeda, A., Ryder, E.J., Grube, R., Doležalová, I., Křístková, E.: Lettuce (Asteraceae; *Lactuca* spp.), Chapter 9, pp. 377-472. In: Singh, R. (Ed.): Genetic Resources, Chromosome Engineering, and Crop Improvement Series, Volume 3 – Vegetable Crops. CRC Press, Boca Raton, FL, USA. 2007.
722. Urban, J., Lebeda, A.: Variation for fungicide resistance in Czech populations of *Pseudoperonospora cubensis*. *J. Phytopathol.* 155, 2007, 143-151.
723. Lebeda, A., Sedlářová, M., Jankovský, L., Shin, H.D.: First report of rhododendron powdery mildew on *Rhododendron* spp. in the Czech Republic. *Plant Pathology* 56, 2007, 354 (Doi: 10.1111/j.1365-3059.2007.01542.x).
724. Skálová, D., Dziechciarková, M., Lebeda, A., Navrátilová, B., Křístková, E.: Interspecific hybridization of *C. anguria* × *C. zeyheri*, *C. sativus* × *C. melo* and *C. sativus* × *C. metuliferus* with the use of embryo cultures. *Acta Hort.* 731, 2007, 77-82.

725. Gasmanová, N., Lebeda, A., Doležalová, I., Paris, H.S.: Variability of nuclear DNA content among and within three cucurbit genera. *Acta Hort.* 731, 2007, 83-88.
726. Gajdová, J., Navrátilová, B., Smolná, J., Lebeda, A.: Effect of genotype, source tissue and media composition on *Cucumis* and *Cucurbita* protoplast isolation and regeneration. *Acta Hort.* 731, 2007, 89-94.
727. Lebeda, A., Urban, J.: Temporal changes in pathogenicity and fungicide resistance in *Pseudoperonospora cubensis* populations. *Acta Hort.* 731, 2007, 327-336.
728. Křístková, E., Lebeda, A., Sedláková, B.: Temporal and spatial dynamics of powdery mildew species on cucurbits in the Czech Republic. *Acta Hort.* 731, 2007, 337-343.
729. Lebeda, A., Sedláková, B., Křístková, E.: Temporal changes in pathogenicity structure of cucurbit powdery mildew populations. *Acta Hort.* 731, 2007, 381-388.
730. Bartoš, P., Kúdela, V., Lebeda, A.: Eightieth Birthday of Dr. Jens Nielsen. *Plant Protect. Sci.* 43, 2007, 33-34.
731. Beharav, A., Lebeda, A., Petrželová, I., Doležalová, I., Nevo, E.: Variation in response to *Bremia lactucae* through natural populations of *Lactuca saligna* collected in Israel. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Oral Presentations, p. 9.
732. Lebeda, A., Petrželová, I.: Race-specific resistance to *Bremia lactucae* in European populations of *Lactuca serriola*. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Oral Presentations, p. 11.
733. Lebeda, A., Doležalová, I., Křístková, E.: Identification of duplicates in *Lactuca* germplasm collections. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Oral Presentations, p. 21.
734. Doležalová, I., Lebeda, A., Novotná, A., Kršková, M.: Variation in fruit morphology of *Lactuca serriola* populations from Czech Republic, Germany, Netherlands and United Kingdom. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 8.
735. Kitner, M., Lebeda, A., Doležalová, I., Křístková, E., Beharav, A., Nevo, E., Pavlíček, T., Maras, M., Meglic, V.: AFLP analysis of *Lactuca saligna* germplasm collections from four European and three Near East countries. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 14.
736. Křístková, E., Lebeda, A., Doležalová, I.: Phenotypic variability of *Lactuca saligna* germplasm collected in Italy and France. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 15.



737. Křístková, E., Lebeda, A., Doležalová, I., Vinter, V., Křístková, A.: Variation in developmental stages of *Lactuca serriola* (prickly lettuce) germplasm from different European countries. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 16.
738. Mieslerová, B., Lebeda, A., Česneková, E., Petrželová, I.: Interactions between wild *Lactuca* spp. and lettuce powdery mildew (*Golovinomyces cichoracearum*). In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 19.
739. Petrželová, I., Lebeda, A., Maryška, Z.: Comparison of virulence variation in *Bremia lactucae* populations in *Lactuca* wild and crop pathosystems. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 21.
740. Sedlářová, M., Lebeda, A., Luhová, L., Grúz, J.: Interactions between *Lactuca* spp. and *Bremia lactucae* from histological and biochemical perspective. In: EUCARPIA Leafy Vegetables 2007, Conference Abstracts, 18-20 April 2007, University of Warwick, Warwick HRI, UK, 2007; Poster Presentations, p. 23.
741. MacDonald, B., Brunner, P., Ceresini, P., Lebeda, A. (Eds.): Population and Evolutionary Biology of Fungal Symbionts. Book of Abstracts. International Meeting, April 29 – May 4, 2007, Ascona, Switzerland; ETHZ – Swiss Federal Institute of Technology of Zurich and Palacký University in Olomouc; Zurich and Olomouc. JOLA v.o.s., Kostelec na Hané, Czech Republic, 2007, 86 pp.
742. Lebeda, A., Petrželová, I., Maryška, Z.: Comparative analysis of variation and dynamics of virulence of *Bremia lactucae* populations on *Lactuca sativa* and *Lactuca serriola*. In: MacDonald, B., Brunner, P., Ceresini, P., Lebeda, A.: Population and Evolutionary Biology of Fungal Symbionts. Book of Abstracts. International Meeting, April 29 – May 4, 2007, Ascona, Switzerland; ETHZ – Swiss Federal Institute of Technology of Zurich and Palacký University in Olomouc; Zurich and Olomouc. JOLA v.o.s., Kostelec na Hané, Czech Republic, 2007, pp. 50-51.
743. Lebeda, A., Urban, J.: Structure and dynamics of pathogenicity and fungicide resistance in populations of *Pseudoperonospora cubensis*. In: MacDonald, B., Brunner, P., Ceresini, P., Lebeda, A.: Population and Evolutionary Biology of Fungal Symbionts. Book of Abstracts. International Meeting, April 29 – May 4, 2007, Ascona, Switzerland; ETHZ – Swiss Federal Institute of Technology of Zurich and Palacký University in Olomouc; Zurich and Olomouc. JOLA v.o.s., Kostelec na Hané, Czech Republic, 2007, pp. 52-53.
744. Lebeda, A., Doležalová, I., Křístková, E., Dehmer, K.J., Astley, D., van de Wiel, C.C.M., van Treuren, R.: Acquisition and ecological characterization of *Lactuca serriola* L. germplasm collected in the Czech Republic, Germany,

- the Netherlands and United Kingdom. *Genet. Res. Crop Evol.* 54, 2007, 555-562.
745. Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, 278 pp. (ISBN 80-86636-19-4)
746. Lebeda, A., Spencer-Phillips, P.T.N.: Preface. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, p. 9.
747. Lebeda, A.: Introduction and Welcome. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 13-14.
748. Mieslerová, B., Petrželová, I., Lebeda, A., Česneková, E.: Occurrence of lettuce downy mildew and powdery mildew in natural populations of prickly lettuce. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 59-64.
749. Lebeda, A., Štěpánková, J., Kršková, M., Widrlechner, M.P.: Resistance in *Cucumis melo* germplasm to *Pseudoperonospora cubensis* pathotypes. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 157-167.
750. Petrželová, I., Lebeda, A., Nevo, E., Beharav, A.: Variation of response against *Bremia lactucae* in natural populations of *Lactuca saligna*. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 169-173.
751. Petřivalský, M., Kočířová, J., Sedláková, M., Piterková, J., Luhová, L., Lebeda, A.: On the role of nitric oxide in *Bremia lactucae* pathogenesis on *Lactuca sativa*. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 175-183.
752. Sedlářová, M., Výtisková, M., Doležal, K., Lebeda, A.: Pre-incubation with cytokinins delays chlorophyll degradation in *Lactuca* spp. tissues and reduces *Bremia lactucae* sporulation. In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): *Advances in Downy Mildew Research, Vol. 3. Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium.* Palacký University

- in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 185-192.
753. Urban, J., Lebeda, A., M. Pejchar, M.: Differential sensitivity to fungicides in Czech populations of cucumber downy mildew (*Pseudoperonospora cubensis*). In: Lebeda, A., Spencer-Phillips, P.T.N. (Eds.): Advances in Downy Mildew Research, Vol. 3. *Proceedings of The 2<sup>nd</sup> International Downy Mildews Symposium*. Palacký University in Olomouc and JOLA, v.o.s., Kostelec na Hané (Czech Republic), 2007, pp. 251-255.
754. Lebeda, A., Doležalová, I., Křístková, E., Novotná, A.: Taxonomic determination of plant genetic resources – impact and consequences: case study of *Lactuca* spp. In: Hauptvogel, P., Benediková, D., Hauptvogel, R. (Eds.): Plant Genetic Resources and their Exploitation in the Plant Breeding for Food and Agriculture. Book of Abstracts. 18<sup>th</sup> EUCARPIA Genetic Resources Section Meeting, May 23-26, 2007, Piešťany, Slovak Republic. PNprint, s.r.o., Piešťany, Slovak Republic, pp. 39-40.
755. Křístková, E., Lebeda, A., Doležalová, I.: Genetic resources of *Lactuca saligna* and their morphological assessment. In: Hauptvogel, P., Benediková, D., Hauptvogel, R. (Eds.): Plant Genetic Resources and their Exploitation in the Plant Breeding for Food and Agriculture. Book of Abstracts. 18<sup>th</sup> EUCARPIA Genetic Resources Section Meeting, May 23-26, 2007, Piešťany, Slovak Republic. PNprint, s.r.o., Piešťany, Slovak Republic, p. 93.
756. Lebeda, A., Doležalová, I., Křístková, E., Mieslerová, B., Kitner, M., Navrátilová, B., Duchoslav, M., Havránek, P., Vondráková, D.: Germplasm collections of crop wild relatives – Research, study and use on the Department of Botany, Palacký University in Olomouc (Czech Republic). In: Hauptvogel, P., Benediková, D., Hauptvogel, R. (Eds.): Plant Genetic Resources and their Exploitation in the Plant Breeding for Food and Agriculture. Book of Abstracts. 18<sup>th</sup> EUCARPIA Genetic Resources Section Meeting, May 23-26, 2007, Piešťany, Slovak Republic. PNprint, s.r.o., Piešťany, Slovak Republic, pp. 94-95.
757. Doležalová, I., Lebeda, A., Gasmanová, N., Pavlíček, T., Nevo, E., Hammerová, I.: Intraspecific DNA content variability in wild barley (*Hordeum spontaneum* (C. Koch) Thell.) in relation to microclimate conditions. In: Analytical Cytometry IV, Book of Abstracts. International Conference, Brno/South Moravia (Czech Republic), June 23-26, 2007. Czech Society for Analytical Cytology, Brno, pp. 98-99. ISBN 978-80239-9591-6.
758. Lebeda, A., Mieslerová, B., Rybka, V., Sedlářová, M., Petrželová, I.: First record of powdery mildew on *Homalocladium platycladum* in the Czech Republic. *Plant Pathology* 56, 2007, 722. (Doi: 10.1111/j.1365-3059.2007.01594.x)
759. Gajdová, J., Navrátilová, B., Smolná, J., Lebeda, A.: Factors affecting protoplast isolation and cultivation of *Cucumis* spp. *J. Appl. Bot. Food Quality* 81, 2007, 1-6.

760. Lebeda, A., Sedlářová, M., Mieslerová, B.: Buněčné mechanismy rezistence rostlin vůči patogenům (Cellular mechanisms of plants against pathogens). In: Blahoušek, O. (Ed.): Bulletin České společnosti experimentální biologie rostlin (Bulletin of Czech Society of Experimental Biology of Plants). FGP Studio, Olomouc-Bělidla (Czech Republic), 2007, p. 25 (Abstract).
761. Skálová, D., Navrátilová, B., Lebeda, A.: *In vitro* opylování a jeho využití při mezidruhové hybridizaci u rodu *Cucumis* (*In vitro* pollination and its utilization in interspecific hybridization of *Cucumis*). In: Blahoušek, O. (Ed.): Bulletin České společnosti experimentální biologie rostlin (Bulletin of Czech Society of Experimental Biology of Plants). FGP Studio, Olomouc-Bělidla (Czech Republic), 2007, p. 104 (Abstract).
762. Prokopová, J., Špundová, M., Sedlářová, M., Husičková, A., Doležal, K., Nauš, J., Lebeda, A.: Vliv cytokininů na změny fotosyntetického aparátu salátu (*Lactuca sativa* L.) vyvolané plísní salátovou (*Bremia lactucae* Regel) (Influence of cytokinins on changes of photosynthetic apparatus of lettuce (*Lactuca sativa* L.) induced by lettuce downy mildew (*Bremia lactucae* Regel)). In: Blahoušek, O. (Ed.): Bulletin České společnosti experimentální biologie rostlin (Bulletin of Czech Society of Experimental Biology of Plants). FGP Studio, Olomouc-Bělidla (Czech Republic), 2007, p. 124 (Abstract).
763. Skálová, D., Navrátilová, B., Lebeda, A.: *In vitro* pollination in the genus *Cucumis*. In: Libiaková, G., Gajdošová, A. (Eds.): Recent Advances in Plant Biotechnology, Plant Biotechnology: Impact on High Quality Plant Production. Book of Abstracts, 7th International Symposium, Stará Lesná, Slovak Republic, 2007. Institute of Plant Genetics and Biotechnology, Slovak Academy of Sciences, Nitra, Slovak Republic, 2007, pp. 45-46. (ISBN 978-80-89088-51-5)
764. Křístková, E., Lebeda, A., Všetická, V.: Research of plant germplasm collections from historic, variation and breeding aspects; the case study: „Klatovské karafiáty“ – Carnations from Klatovy (Czech Republic). Bulletin of Botanical Gardens, Museums & Collections, Polish Botanical Society, vol. 16A, pp. 29-30, 2007. Programme and Abstracts - The 2nd International Conference of Eastern and Central European Botanic Gardens „EastCentGard II“ „European botanic gardens together towards the implementation of plant conservation strategies“, 3-7 July 2007, Warsaw/Rogów, Poland. Botanical Garden – Center for Biological Diversity Conservation of the Polish Academy of Science, Warsaw. (ISSN 1230-3291)
765. Doležalová, I., Lebeda, A., Křístková, E., Novotná, A.: Relevance of morphologic assessment of wild *Lactuca* spp. germplasm for their taxonomic determination. Bulletin of Botanical Gardens, Museums & Collections, Polish Botanical Society, vol. 16A, p. 22, 2007. Programme and Abstracts - The 2nd International Conference of Eastern and Central European Botanic Gardens „EastCentGard II“ „European botanic gardens

- together towards the implementation of plant conservation strategies“, 3-7 July 2007, Warsaw/Rogów, Poland. Botanical Garden – Center for Biological Diversity Conservation of the Polish Academy of Science, Warsaw. (ISSN 1230-3291)
766. Sedlářová, M., Luhová, L., Petřivalský, M., Lebeda, A.: Localisation and metabolism of reactive oxygen species during *Bremia lactucae* pathogenesis in *Lactuca sativa* and wild *Lactuca* spp. *Plant Physiology and Biochemistry*, 45, 2007, 607-616.
767. Gasmanová, N., Lebeda, A., Doležalová, I., Cohen, T., Pavlíček, T., Fahima, T., Nevo, E.: Genome size variation of *Lotus peregrinus* at Evolution Canyon I microsite, Lower Nahal Oren, Mt. Carmel, Israel. *Acta Biologica Cracoviensia Series Botanica*, 49, 2007, 39-46.
768. Skálová, D., Navrátilová, B., Lebeda, A.: Metody izolace pylových zrn *Cucumis* spp. (*C. sativus* a *C. melo*) využitelné při *in vitro* opylování (Methods of isolation of *Cucumis* spp. pollen grains (*C. sativus*, *C. melo*) and their utilization in *In Vitro* pollination). In: *Nové Poznatky z Genetiky a Šlachtenia Pol'nohospodárskych Rastlín. Zborník z 14. vedeckej konferencie*, Piešťany, Slovenská republika, 2007, pp. 34-37. (ISBN 978-80-88872-65-8)
769. Lebeda, A., Mieslerová, B., Sedlářová, M., Rybka, V., Petrželová, I., Doležalová, I.: Nově potvrzené výskyty padlí na okrasných rostlinách v České republice (New records of powdery mildew on ornamental plants in the Czech Republic). In: Nováková, A. (Ed.): *Proceedings of the Workshop MICROMYCO 2007*. Institute of Soil Biology, Biological Centre, Academy of Sciences of the Czech Republic, v.v.i., České Budějovice, 2007, pp. 74-80. (ISBN 978-80-86525-10-5)
770. Sedlářová, M., Lebeda, A.: Patogeny rostlin – peronosporální „houby“ (Plant pathogens – downy mildews). In: Nováková, A. (Ed.): *Proceedings of the Workshop MICROMYCO 2007*. Institute of Soil Biology, Biological Centre, Academy of Sciences of the Czech Republic, v.v.i., České Budějovice, 2007, pp. 140-142. (ISBN 978-80-86525-10-5)
771. Lebeda, A., Petrželová, I.: Comparison of resistance to *Bremia lactucae* in populations of *Lactuca serriola* occurring in Central Europe (Czech Republic) and the British Isles (England, U.K.). In: Bullitta, S. (Ed.): *Plant Genetic Resources of Geographical and „other“ Islands (conservation, evaluation and use for plant breeding)*. Proceedings of the XVII Eucarpia Genetic Resources Section Meeting; 30 March – 2 April 2005, Castelsardo (Italy). CNR-ISPAAAM sez. Sassari Publisher, Sassari, Italy, 2007, pp. 59-62. ISBN: 88-901771-3-6.
772. Lebeda, A., Doležalová, I., Křístková, E., Novotná, E.: Comparative study of variation of some morphological characteristics of *Lactuca serriola* germplasm collected in Central Europe (Czech Republic) and the British Isles (England, U.K.). In: Bullitta, S. (Ed.): *Plant Genetic Resources of Geographical and „other“ Islands (conservation, evaluation and use for plant breeding)*. Proceedings of the XVII Eucarpia Genetic Resources

Section Meeting; 30 March – 2 April 2005, Castelsardo (Italy). CNR-  
ISPAAM sez. Sassari Publisher, Sassari, Italy, 2007, pp. 95-96 (Abstract).  
ISBN: 88-901771-3-6.

773. Křístková, E., Lebeda, A., Všetická, V., Pošefka, P.: Germplasm collection of „Klatovské karafiáty“ – the view of historical and breeding aspects. In: Rybczyński, J.J., Puchalski, J.T. (Eds.): Monographs of Botanical Gardens (European botanic gardens together towards the implementation of plant conservation strategies), Vol. 1. Publisher: Botanic Garden – Center for Biological Diversity Conservation of the Polish Academy of Science, Warsaw, Poland, 2007, pp. 81-84. ISBN 978-83-89959-26-3
774. Sedlářová, M., Stojaspal, K., Lebeda, A.: Biology of *Erysiphe azaleae* on *Rhododendron luteum* in the Czech Republic. Mykologické listy, 101, 2007, 34 (Abstract)
775. Petřivalský, M., Kočířová, J., Sedlářová, M., Piterková, J., Luhová, L., Lebeda, A.: Studium úlohy oxidu dusnatého v průběhu patogeneze u *Lactuca* spp. (Studies on the role of nitric oxide in the pathogenesis on *Lactuca* spp.). In: Bláha, L. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin 2007, 21.3.2007 /Sborník příspěvků/. VÚRV, Praha-Ruzyně, 2007, pp. 256-260.
776. Piterková, J., Luhová, L., Petřivalský, M., Mieslerová, B., Hofman, J., Adámková, Š., Lebeda, A.: Studium úlohy oxidu dusnatého v průběhu patogeneze u *Lycopersicon* spp. In: Bláha, L. (Ed.): Vliv abiotických a biotických stresorů na vlastnosti rostlin 2007, 21.3.2007 /Sborník příspěvků/. VÚRV, Praha-Ruzyně, 2007, pp. 261-269.
777. Lebeda, A., Doležalová, I., Valentová, K., Gasmanova, N., Dziechciarkova, M., Ulrichova, J.: Yacon (*Smallanthus sonchifolius*) - A traditional crop of Andean indians as a challenge for the future – The news about biological variation and chemical substances content. Acta Hort., 765, 2008, 127-136.
778. Lebeda, A., Křístková, E., Sedlářová, B., McCreight, J.D., Coffey, M.D.: New concept for determination and denomination of pathotypes and races of cucurbit powdery mildew. In: Pitrat, M. (Ed.): Cucurbitaceae 2008. Proceedings of the IXth EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae. INRA, Avignon (France), 2008, pp. 125-134.
779. Skálová, D., Navrátilová, B., Lebeda, A.: Methods of isolation of *Cucumis sativus* and *C. melo* pollen grains and their utilization in *in vitro* pollination. In: Pitrat, M. (Ed.): Cucurbitaceae 2008. Proceedings of the IXth EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae. INRA, Avignon (France), 2008, pp. 359-364.
780. Sretenović Rajičić, T., van Hintum, Th.J.L., Lebeda, A., Dehmer, K.J.: Analysis of wild *Lactuca* accessions: conservation and identification of redundancy. Plant Genet. Resour.: Charact. Utiliz., 6, 2008, 153-163.
781. Lebeda, A., Mieslerová, B., Sedlářová, M., Pejchal, M.: Occurrence of anamorphic and teleomorphic stage of *Erysiphe palczewskii* (syn. *Microsphaera palczewskii*) on *Caragana arborescens* in the Czech

- Republic and Austria and its morphological characterisation. *Plant Protect. Sci.*, 44, 2008, 41-48.
782. Lebeda, A., Mieslerová, B.: (Bailey, M.J., Lilley, A.K., Timms-Wilson, T.M., Spencer-Phillips, P.T.N. /Eds./: *Microbial Ecology of Aerial Plant Surfaces*. CABI, Wallingford, UK, 2006, 321 pp.). *Plant Protect. Sci.* 44, 2008, 75-76. (Book Review)
783. Lebeda, A.: (Bojňanský, V., Fargašová, A.: *Atlas of Seeds and Fruits of Central and East-European Flora. The Carpathian Mountains Region*. Springer, Dordrecht, the Netherlands, 2007, 1046 pp.). *Plant Protect. Sci.* 44, 2008, 77-78. (Book Review)
784. Lebeda, A.: (Master N., Ford-Lloyd, B.V., Kell, S.P., Iriondo, J.M., Dulloo, M.E., Turok, J. /Eds./: *Crop Wild Relative Conservation and Use*. CABI Publishing, Wallingford, UK, 2008, 682 pp.). *Plant Protect. Sci.* 44, 2008, 79-80. (Book Review)
785. Lebeda, A., Mieslerová, B., Sedlářová, M.: First report of *Erysiphe palczewskii* on *Caragana arborescens* in the Czech Republic. *Plant Pathology* 57, 2008, 779 ((Doi: 10.1111/j.1365-3059.2008.01855.x))
786. Sedlářová, B., Lebeda, A.: Fungicide resistance in Czech populations of cucurbit powdery mildews. *Phytoparasitica* 36, 2008, 272-289.
787. Lebeda, A., Spencer-Phillips, P.T.N., Cooke, B.M. (Eds.): *The Downy Mildews – Genetics, Molecular Biology and Control*. Springer, Dordrecht, 2008, 206 pp. (ISBN 978-1-4020-8972-5)
788. Lebeda, A., Spencer-Phillips, P.T.N., Cooke, B.M.: Foreword. In: Lebeda, A., Spencer-Phillips, P.T.N., Cooke, B.M. (Eds.): *The Downy Mildews – Genetics, Molecular Biology and Control*. Springer, Dordrecht, 2008. p. 1.
789. Lebeda, A., Sedlářová, M., Petřivalský, M., Prokopová, J.: Diversity of defence mechanisms in plant-oomycete interactions: a case study of *Lactuca* spp. and *Bremia lactucae*. *Europ. J. Plant Pathol.* 122, 2008, 71-89. Reprinted in: Lebeda, A., Spencer-Phillips, P.T.N., Cooke, B.M. (Eds.): *The Downy Mildews – Genetics, Molecular Biology and Control*. Springer, Dordrecht, 2008.
790. Lebeda, A., Petrželová, I., Maryška, Z.: Structure and variation in the wild-plant pathosystem: *Lactuca serriola* - *Bremia lactucae*. *Europ. J. Plant Pathol.* 122, 2008, 127-146. Reprinted in: Lebeda, A., Spencer-Phillips, P.T.N., Cooke, B.M. (Eds.): *The Downy Mildews – Genetics, Molecular Biology and Control*. Springer, Dordrecht, 2008.
791. Sedlářová, M., Kitner, M., Lebeda, A., Piterková, J., Luhová, L., Petřivalský, M., Kyseláková, H., Navrátil, M., Švábová, L.: Reactive nitrogen and oxygen species in pea responses to biotic stress stimuli. In: 2<sup>nd</sup> International Plant NO Club Workshop, July 21. - 22, 2008, (Book of Abstracts). UMR INRA, Université de Bourgogne, Dijon, France, p. 25.
792. Petřivalský, M., Kočířová, J., Sedlářová, M., Luhová, L., Lebeda, A.: The role of NO in the development of *Bremia lactucae* and lettuce resistance. In: 2<sup>nd</sup> International Plant NO Club Workshop, July 21. - 22, 2008, (Book of Abstracts). UMR INRA, Université de Bourgogne, Dijon, France, p. 36.

793. Lebeda, A., Petrželová, I., Maryška, Z.: Srovnávací analýza virulence *Bremia lactucae* v populacích *Lactuca sativa* a *L. serriola* (Comparative analysis of virulence of *Bremia lactucae* in populations of *Lactuca sativa* and *L. serriola*). Mykologické Listy (Mycological Papers), 104, 2008, 41. (Abstract)
794. Mieslerová, B., Lebeda, A., Česneková, E.: Variabilita interakcí *Lactuca* spp. – *Golovinomyces cichoracearum* (Variability of interactions of *Lactuca* spp. - *Golovinomyces cichoracearum*). Mykologické Listy (Mycological Papers), 104, 2008, 52. (Abstract)
795. Sedláková, B., Lebeda, A.: Druhové spektrum a hostitelský okruh padlí tykvovitých v České republice (Species spectrum and host range of cucurbit powdery mildews in the Czech Republic). Mykologické Listy (Mycological Papers), 104, 2008, 53. (Abstract)
796. Maggioni, L., Lebeda, A., Boukema, I., Lipman, E. (Eds.): Report of a Working Group on Leafy Vegetables. First Meeting, 13-14 October 2005, Olomouc, Czech Republic. Bioversity International, Rome, Italy, 2008, 66 pp.
797. Doležalová, I., Lebeda, A., Vondráková, E.: Current status of the *Lactuca* working collection of Palacký University in Olomouc, Czech Republic. In: Maggioni, L., Lebeda, A., Boukema, I., Lipman, E. (Eds.): Report of a Working Group on Leafy Vegetables. First Meeting, 13-14 October 2005, Olomouc, Czech Republic. Bioversity International, Rome, Italy, 2008, pp. 27-33.
798. Treuren van, R., Lebeda, A., Křístková, E., Dehmer, K., Wiel van de, C.C.M., Pink, D., Doležalová, I., Sretenovič Rajjic, T., Astley, D., Spence, N., van Hintum, Th.J.L.: Overview of studies on wild crop relatives of lettuce carried out within the framework of the EU project GENE-MINE. In: Maggioni, L., Lebeda, A., Boukema, I., Lipman, E. (Eds.): Report of a Working Group on Leafy Vegetables. First Meeting, 13-14 October 2005, Olomouc, Czech Republic. Bioversity International, Rome, Italy, 2008, pp. 41-43.
799. Lebeda, A., Sedláková, B.: Fungicide resistance in populations of cucurbit powdery mildew. J. Plant Pathol., 90 (2, Supplement), 2008, S2.142 (Abstract)
800. Cagaš, B., Lebeda, A., Ondřej, M., Odstrčilová, L.: Resistance of a collection of rye and triticale varieties to ergot (*Claviceps purpurea*). J. Plant Pathol., 90 (2, Supplement), 2008, S2.213 (Abstract)
801. Lebeda, A., Petrželová, I., Maryška, Z.: Variation of host-pathogen interactions in a wild plant pathosystem: A case study *Lactuca serriola* - *Bremia lactucae*. J. Plant Pathol., 90 (2, Supplement), 2008, S2.228 (Abstract)
802. Sedlářová, B., Petřivalský, M., Luhová, M., Hašová, M., Hofman, J., Kočířová, J., Lebeda, A.: The role of nitric oxide in development of biotrophic pathogens and their interaction with host cells. J. Plant Pathol., 90 (2, Supplement), 2008, S2.240 (Abstract)



803. Křístková, E., Doležalová, I., Lebeda, A., Vinter, V., Novotná, A.: Description of morphological characters of lettuce (*Lactuca sativa* L.) genetic resources. Horticultural Science (Prague), 38, 2008, 113-129.
804. Skálová, D., Dziechciarková, M., Lebeda, A., Křístková, E., Navrátilová, B.: Interspecific hybridization of *Cucumis anguria* and *Cucumis zeyheri* via embryo-rescue. Biologia Plantarum 52, 2008, 775-778.
805. Lebeda, A., Doležalová, I., Křístková, E., Kitner, M., Petrželová, I., Mieslerová, B., Novotná, A.: Wild *Lactuca* germplasm for lettuce breeding – recent status, gaps and challenges. In: Prohens, J., Badenes, M.L. (Eds.): Modern Variety Breeding for Present and Future Needs. Editorial Universidad Politécnica de Valencia, Valencia, Spain, 2008, pp. 49-60.
806. Beharav, A., Lebeda, A., Doležalová, I., Ben-David, R.: Collecting of genetic diversity in natural populations of wild plant species: Case study on *Lactuca saligna* and *L. aculeata* in Israel. In: Prohens, J., Badenes, M.L. (Eds.): Modern Variety Breeding for Present and Future Needs. Editorial Universidad Politécnica de Valencia, Valencia, Spain, 2008, pp. 75-76. (Abstract)
807. Křístková, E., Lebeda, A., Superatová, L.: Morphological variation within and between lettuce accessions of cv. 'Atrakce' in the Czech national germplasm collection. In: Prohens, J., Badenes, M.L. (Eds.): Modern Variety Breeding for Present and Future Needs. Editorial Universidad Politécnica de Valencia, Valencia, Spain, 2008, pp. 156-157. (Abstract)
808. Lebeda, A., Švábová, L., Kitner, M., Digaňová, E., Sedlářová, M., Vinklářková, P., Griga, M.: Characterization and selection *in vitro* of peas for resistance to necrotrophic fungal (*Fusarium solani*, *Ascochyta pisi*, *Phoma pisi*) pathogens – biochemical and morphological approach. In: Prohens, J., Badenes, M.L. (Eds.): Modern Variety Breeding for Present and Future Needs. Editorial Universidad Politécnica de Valencia, Valencia, Spain, 2008, pp. 413-414. (Abstract)
809. Skálová, D., Navrátilová, B., Lebeda, A.: Embryo-rescue of cucumber (*Cucumis sativus*) and some wild *Cucumis* spp. (*C. anguria*, *C. zeyheri*, *C. melo*, *C. metuliferus*). J. Appl. Bot. Food Qual. 82, 2008, 83-89.
810. Švábová, L., Klenotičová, H., Griga, M., Lebeda, A., Kitner, M., Sedlářová, M.: Alternativní biotechnologické postupy ve šlechtění luskovin (Alternative biotechnological approaches in breeding of legumes). Úroda, LVI/12, 2008, 59-61.
811. Lebeda, A.: (Kůdela, V., Braunová, M. /Eds./: Česko-anglická Rostlinolékařská terminologie. Czech-English Plant Health Terminology. Academia, Praha 2007. 876 pp.). Živa LVI (XCIV), 6, LXXXVIII, 2008 (Book Review)
812. Lebeda, A.: (Kůdela, V., Braunová, M. /Eds./: Česko-anglická Rostlinolékařská terminologie. Czech-English Plant Health Terminology. Academia, Praha 2007. 876 pp.). Plant Protect. Sci. 44, 2008, 159-160. (Book Review)
813. Sedlářová, M., Stojaspal, K., Lebeda, A.: Biologie, rozšíření a patogenita *Plasmopara halstedii* v České republice (Biology, distribution and

- pathogenicity of *Plasmopara halstedii*). In: Nováková, A. (Ed.): Proceedings of the Workshop MICROMYCO 2008. Institute of Soil Biology, Biological Centre, Academy of Science of the Czech Republic, v.v.i., České Budějovice, 2008, pp. 82-86.
814. Kitner, M., Lebeda, A., Doležalová, I., Maras, M., Křístková, E., Nevo, E., Pavlíček, T., Meglic, V., Beharav, A.: AFLP analysis of *Lactuca saligna* germplasm collections from four European and three Middle Eastern countries. *Israel Journal of Plant Sciences* 56, 2008, 185-193.
815. Beharav, A., Ben-David, R., Doležalová, I., Lebeda, A.: Eco-geographical distribution of *Lactuca saligna* natural populations in Israel. *Israel Journal of Plant Sciences* 56, 2008, 195-206.
816. Lebeda, A., Křístková, E.: Průvodce. Průvodce Botanickou zahradou Přírodovědecké fakulty Univerzity Palackého v Olomouci (Guide. Guide on Botanic garden Faculty of Science, Palacký University in Olomouc) (Czech-English version). Univerzita Palackého v Olomouci, 2008, 32 pp. (ISBN – 978-80-244-2184-1)
817. Ondřej, V., Navrátilová, B., Lebeda, A.: The heterochromatin as a marker for protoplast differentiation of *Cucumis sativus*. *Plant Cell Tissue and Organ Culture*, 96, 2009, 229-234.
818. Lebeda, A.: (Kůdela, V., Braunová, M. /Eds./: Česko-anglická Rostlinolékařská terminologie. Czech-English Plant Health Terminology. Academia, Praha 2007. 876 pp.). *Rostlinolékař* 20/1, 2009, 35 (Book Review)
819. Ondřej, V., Kitner, M., Doležalová, I., Nádvorník, P., Navrátilová, B., Lebeda, A.: Chromatin structural rearrangement during dedifferentiation of protoplasts of *Cucumis sativus* L. *Molecules and Cells*, 27, 2009, 443-447.
820. Lebeda, A., Doležalová, I., Křístková, E., Kitner, M., Petrželová, I., Mieslerová, B., Novotná, A.: Comprehensive strategy for searching of valuable traits in wild *Lactuca* germplasm. In: Meglič, V., Bastar, M.T. (Eds.): Book of Abstracts, 19<sup>th</sup> EUCARPIA Conference, Genetic Resources Section, May 26-29, 2009, Ljubljana, Slovenia. Kmetijski Inštitut Slovenije (Agricultural Institute of Slovenia), Ljubljana, Slovenia, p. 13. (ISBN 978-961-6505-40-6)
821. Novotná, A., Doležalová, I., Křístková, E., Berka, T., Lebeda, A.: Comparative study of achenes characters within genetic resources of *Lactuca serriola* from Slovenia and Sweden. In: Meglič, V., Bastar, M.T. (Eds.): Book of Abstracts, 19<sup>th</sup> EUCARPIA Conference, Genetic Resources Section, May 26-29, 2009, Ljubljana, Slovenia. Kmetijski Inštitut Slovenije (Agricultural Institute of Slovenia), Ljubljana, Slovenia, p. 45. (ISBN 978-961-6505-40-6)
822. Křístková, E., Doležalová, I., Lebeda, A.: Morphological grouping of *Lactuca saligna* germplasm originating from Italy and France. In: Meglič, V., Bastar, M.T. (Eds.): Book of Abstracts, 19<sup>th</sup> EUCARPIA Conference, Genetic Resources Section, May 26-29, 2009, Ljubljana, Slovenia. Kmetijski Inštitut Slovenije (Agricultural Institute of Slovenia), Ljubljana, Slovenia, p. 46. (ISBN 978-961-6505-40-6)

823. Doležalová, I., Lebeda, A., Špoková, M., Křístková, E.: Comparison of phenotypic variability of *Lactuca serriola* genetic resources from Slovenia and Sweden. In: Meglič, V., Bastar, M.T. (Eds.): Book of Abstracts, 19<sup>th</sup> EUCARPIA Conference, Genetic Resources Section, May 26-29, 2009, Ljubljana, Slovenia. Kmetijski Inštitut Slovenije (Agricultural Institute of Slovenia), Ljubljana, Slovenia, p. 51. (ISBN 978-961-6505-40-6)
824. Sarris, P.F., Abdelhalim, M., Kitner, M., Skandalis, N., Panopoulos, N.J., Doulis, A.G., Lebeda, A.: Molecular polymorphisms between populations of *Pseudoperonospora cubensis* from Greece and the Czech Republic and the phytopathological and phylogenetic implications. *Plant Pathology* 58, 2009, 933-943. (Doi: 10.1111/j.1365-3059.2009.02093.x)
825. Michalska, K., Stojakowska, A., Malarz, J., Doležalová, I., Lebeda, A., Kisiel, W.: Systematic implications of sesquiterpene lactones in *Lactuca* species. *Biochemical Systematics and Ecology*, 37, 2009, 174-179 (Doi: 10.1016/j.bse.2009.02.001)
826. Piterková, J., Petřivalský, M., Luhová, L., Mieslerová, B., Sedlářová, M., Lebeda, A.: Local and systemic production of nitric oxide in tomato responses to powdery mildew infection. *Molecular Plant Pathology*, 10, 2009, 501-513 (Doi: 10.1111/J.1364-3703.2009.00551.X)
827. Sedlářová, M., Lebeda, A., Mikšíková, P., Duchoslav, M., Sedláková, B., McCreight, J.D.: Histological aspects of *Cucumis melo* PI 313970 resistance to *Podosphaera xanthii* and *Golovinomyces cichoracearum*. *Journal of Plant Diseases and Protection*, 116, 2009, 169-176.
828. Lebeda, A., Doležalová, I., Křístková, E., Kitner, M., Petrželová, I., Mieslerová, B., Novotná, A.: Wild *Lactuca* germplasm for lettuce breeding: current status, gaps and challenges. *Euphytica* 170, 2009, 15-34. (DOI: 10.1007/s10681-009-9914-7)
829. Sedlářová, M., Petřivalský, M., Luhová, L., Piterková, J., Mieslerová, B., Lebeda, A.: RNOS in pathogenesis of biotrophic fungal plant pathogens. In: Plant ROS 2009 – Plant Oxygen Group meeting on reactive oxygen and nitrogen species, 8.-10.7.2009, Helsinki, Finland, 2009, p. 116 (abstract).
830. Sedlářová, M., Petřivalský, M., Sedlár, J., Navrátilová, B., Luhová, L., Lebeda, A.: Distribution of reactive nitrogen and oxygen species within stressed plant cells. In: Interdisciplinary Symposium on 3 Dimensional Microscopy SSOM, 12.-16.7.2009, Interlaken, Switzerland, p. 144-145 (abstract).
831. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Coffey, M.D.: Pathogenic variability of individuals and populations of cucurbit powdery mildew—great confusion and great mystery, or why we still need the classical phytopathology. In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 8.
832. Hübschová, J., Lebeda, A.: Výskyt rezistence vůči fungicidům v české populaci plísňě okurkové (*Pseudoperonospora cubensis*) (Occurrence of fungicide resistance in Czech cucurbit downy mildew populations)

- (*Pseudoperonospora cubensis*). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 82.
833. Lebeda, A., Hübschová, J.: Výskyt, rozšíření a škodlivost plísně okurkové (*Pseudoperonospora cubensis*) v České republice (Occurrence, distribution and harmfulness of cucurbit downy mildew (*Pseudoperonospora cubensis*) in the Czech Republic). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 92.
834. Mieslerová, B., Sedlářová, M., Lebeda, A.: Výskyt zástupců čeledi Erysiphaceae (padlí) na okrasných rostlinách na střední Moravě (Occurrence of representatives of family Erysiphaceae (powdery mildews) on ornamental plants in the middle Moravia). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 97.
835. Mieslerová, B., Lebeda, A., Česneková, E.: Studium interakcí r. *Lactuca* (locika) a padlí čekankového (*Golovinomyces cichoracearum*) (Study of interactions of *Lactuca* spp. (lettuce) and lettuce powdery mildew (*Golovinomyces cichoracearum*)). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 98.
836. Petrželová, I., Lebeda, A.: Posun ve struktuře virulence současných českých populací *Bremia lactucae* na salátu (*Lactuca sativa*) (Temporal shift in virulence in recent Czech populations of *Bremia lactucae* occurring on lettuce (*Lactuca sativa*)). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 106.
837. Sedlářová, B., Lebeda, A., Pejchar, M., Jeřábková, H.: Výskyt kmenů s rezistencí vůči fungicidům v české populaci padlí tykvovitých (Occurrence of the strains with resistance to fungicides in Czech cucurbit powdery mildew populations). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 119.
838. Sedlářová, M., Petřivalský, M., Luhová, L., Piterková, J., Mieslerová, B., Lebeda, A.: Reaktivní formy dusíku a kyslíku v patogenezi biotrofních houbových fytopatogenů (Reactive nitrogen and oxygen species in pathogenesis of biotrophic fungal phytopathogens). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 120.

839. Sedlářová, M., Stojaspal, K., Trojanová, Z., Prokopová, J., Lebeda, A.: Patogenní variabilita *Plasmopara halstedii* v ČR a vliv choroby na fotosyntézu náchylných rostlin slunečnice (Pathogenic variability of *Plasmopara halstedii* in the Czech Republic and influence of the disease on photosynthesis of susceptible sunflower plants). In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 121.
840. Švábová, L., Lebeda, A., Kitner, M.: Effect of *Fusarium solani* filtrate on pea grown *in planta* and *in vitro*. In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 127.
841. Lebeda, A., Sedláková, B., Křístková, E., Vysoudil, M.: Long-lasting changes in the species spectrum of cucurbit powdery mildew in the Czech Republic – influence of climate changes or random effect? In: Šafránková, I., Šefrová, H. (Eds.): XVIII. Česká a slovenská konference o ochraně rostlin. Sborník abstraktů. Mendelova zemědělská a lesnická univerzita v Brně, 2.-4. září 2009, p. 208.
842. Křístková, E., Lebeda, A., Sedláková, B.: Species spectra, distribution and host range of cucurbit powdery mildews in the Czech Republic, and in some other European and Middle Eastern countries. *Phytoparasitica* 37, 2009, 337-350. (DOI: 10.1007/s12600-009-0045-4)
843. Kitner, M., Maras, M., Lebeda, A., Meglič, V., Šmachová, P., Novotná, A., Doležalová, I.: Genetic diversity analysis of wild *Lactuca serriola* germplasm collection from North America assessed by AFLP. In: Goličnik, M., Bavec, A. (Eds.): Joint Congress of The Slovenian Biochemical Society and The Genetic Society of Slovenia with International Participation; Otočec, September 20-23, 2009; Book of Abstracts, p. 175. Published by Slovenian Biochemical Society and Genetic Society of Slovenia, Printed by Ulčakar & JK, Ljubljana 2009. (ISBN 978-961-91651-5-7)
844. Lebeda, A., Hübschová, J.: Distribution and harmfulness of *Pseudoperonospora cubensis* populations in the Czech Republic. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, pp. 17-18. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.
845. Lebeda, A., Křístková, E., Paris, H.S., Zadrobilkova, I.: Variation in phenotypic traits within and among *Cucurbita pepo* genotypes. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, p. 85. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.

846. Hübschová, J., Lebeda, A.: Fungicide effectiveness on Czech populations of *Pseudoperonospora cubensis*. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, p. 116. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.
847. Sedlakova, B., Lebeda, A.: Occurrence of *Ampelomyces quisqualis* on the cucurbit powdery mildew species in the Czech Republic. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, pp. 116-117. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.
848. Lebeda, A., Sedlakova, B., Pejchar, M., Jeřábková, H.: Variation for fungicide resistance among cucurbit powdery mildew populations in the Czech Republic. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, p. 117. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.
849. Navrátilová, B., Skálová, D., Ondřej, V., Kitner, M., Lebeda, A.: The novel approaches in the biotechnological research of *Cucumis* sp. In: The 4<sup>th</sup> International Cucurbitaceae Symposium, September 20-24, 2009, Changsha, Hunan, China; Abstracts, p. 118. Published by Hunan Agricultural University and International Society for Horticultural Science (ISHS), Changsha, Hunan, China 2009.
850. Ondřej, V., Protivánková, I., Doležalová, I., Lebeda, A.: Structural changes of the chromatin during protoplastization of the plant cells and their regeneration. In: Šperková, R. (Ed.): Analytical Cytometry V. International Conference. Book of Abstracts, September 5-8, 2009, Olomouc, Czech Republic, pp. 53-54. Czech Society for Analytical Cytometry, o.s., Brno. (ISBN 978-80-254-2561-5)
851. Doležalová, I., Pavlíček, T., Gasmanová, N., Nevo, E., Hammerová, I., Lebeda, A.: Microgeographic genome size differentiation of the wild barley, *Hordeum spontaneum*, at „Evolution Canyon“, Israel and multispecies comparison. In: Šperková, R. (Ed.): Analytical Cytometry V. International Conference. Book of Abstracts, September 5-8, 2009, Olomouc, Czech Republic, pp. 158-159. Czech Society for Analytical Cytometry, o.s., Brno. (ISBN 978-80-254-2561-5)
852. Křístková, E., Lebeda, A.: Botanická zahrada Přírodovědecké fakulty Univerzity Palackého v Olomouci pro vzdělávání předškolní a školní mládeže, studentů a dospělých. In: Katalog anotací (www.aeduca.cz), AEDUCA 2009 - Festival vzdělávání dospělých, Umělecké centrum UP v Olomouci, 15.-17. září 2009, p. 26. Univerzita Palackého v Olomouci, Filozofická fakulta, Institut celoživotního vzdělávání, Olomouc, 2009.
853. Skálová, D., Navrátilová, B., Doležalová, I., Lebeda, A.: Mixoploid and haploid (pollen) protoplasts of *Cucumis* spp. 8th International Symposium in the Series Recent Advances in Plant Biotechnology, „New

Developments in Green Gene Technology“, 1-4 September 2009, Szeged, Hungary. Program and Abstracts, pp. 75-76. Published by Biological Research Center, Hungarian Academy of Sciences, Szeged, Hungary (<http://prof-congress.hu/2009/biotech-8>).

854. Lebeda, A., Hübschová, J., Urban, J.: Cucurbit downy mildew: Variation in pathogenicity and resistance to recently introduced fungicides in Czech Republic. In: Agarwal, D.K., Mondal, K.K. (Eds.): Souvenir & Abstracts. 5th International Conference Plant Pathology in the Globalized Era, November 10-13, 2009, New Delhi, India. Indian Phytopathological Society, Indian Agricultural Research Institute, New Delhi, India, pp. 66-67 (Abstract).
855. Lebeda, A., Kitner, M., Dziechciarková, M., Doležalová, I., Křístková, E., Lindhout, P.: An insight into the genetic polymorphism among European populations of *Lactuca serriola* assessed by AFLP. *Biochemical Systematics and Ecology* 37, 2009, 597-608. (doi:10.1016/j.bse.2009.10.010)
856. Pokorný, R., Lebeda, A. (Eds.): Climate Change and Plant Pathogens, Pests and Weeds. *Plant Protection Science*, Special Issue 45, 2009, pp. 66. (ISSN 1212-2580)
857. Pokorný, R., Lebeda, A.: Foreword. In: Pokorný, R., Lebeda, A. (Eds.): Climate Change and Plant Pathogens, Pests and Weeds. *Plant Protection Science*, Special Issue 45, 2009, S1-S2.
858. Lebeda, A., Sedláková, B., Křístková, E., Vysoudil, M.: Long-lasting changes in the species spectrum of cucurbit powdery mildew in the Czech Republic – influence of air temperature changes or random effect? In: Pokorný, R., Lebeda, A. (Eds.): Climate Change and Plant Pathogens, Pests and Weeds. *Plant Protection Science*, Special Issue 45, 2009, S41-S47.
859. Sedlářová, M., Stojaspal, K., Trojanová, Z., Prokopová, J., Lebeda, A.: Plíseň slunečnice (*Plasmopara halstedii*) v České republice – výskyt, variabilita, vliv na metabolismus hostitelských rostlin (Sunflower downy mildew (*Plasmopara halstedii*) in the Czech Republic – occurrence, variability and influence on host plant metabolism). Česko-slovenská vědecká mykologická konference, Brno 27.-29.8.2009, Abstrakty. *Mykologické listy, Supplementum*, 2009, p. 55. Česká vědecká společnost pro mykologii, Praha 2009. (ISBN 978-80-254-6038-2; ISSN 1213-5887)
860. Mieslerová, B., Sedlářová, M., Lebeda, A.: Výskyt zástupců Erysiphaceae (padlí) na okrasných rostlinách na střední Moravě (Occurrence of Erysiphaceae (powdery mildews) on ornamental plants in the middle Moravia). Česko-slovenská vědecká mykologická konference, Brno 27.-29.8.2009, Abstrakty. *Mykologické listy, Supplementum*, 2009, pp. 84-85. Česká vědecká společnost pro mykologii, Praha 2009. (ISBN 978-80-254-6038-2; ISSN 1213-5887)
861. Sedláková, B., Lebeda, A.: Výskyt hyperparazitické houby *Ampelomyces quisqualis* na původcích padlí tykvovitých (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) v České republice v letech 2002-

- 2006) (Occurrence of hyperparasitic fungus *Ampelomyces quisqualis* on the cucurbit powdery mildew species (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) in the Czech Republic from 2002 to 2006). Československá vědecká mykologická konference, Brno 27.-29.8.2009, Abstrakty. Mykologické listy, Supplementum, 2009, pp. 96-97. Česká vědecká společnost pro mykologii, Praha 2009. (ISBN 978-80-254-6038-2; ISSN 1213-5887)
862. Beharav, A., Maras, M., Kitner, M., Šuštar-Vozlič, J., Sun, G.L., Doležalová, I., Lebeda, A., Meglič, V.: Comparison of three genetic similarity coefficients based on dominant markers from predominantly self-pollinating species. *Biologia Plantarum* 54, 2010, 54-60.
863. Sedlářová, M., Stojaspal, K., Lebeda, A.: Rozšíření a patogenita *Plasmopara halstedii*, původce plísně slunečnice, v České republice (Extension and pathogenicity of *Plasmopara halstedii*, sunflower downy mildew agent, in the Czech Republic). *Rostlinolékař* 21, 2010, 17-20.
864. Lebeda, A.: (Urban, Z., Marková, J.: Catalogue of Rust Fungi of the Czech and Slovak Republics. Univerzita Karlova v Praze, Nakladatelství Karolinum, Praha 2009. 365 pp.). *Plant Protection Science*, 46, 2010, 40. (Book Review)
865. Křístková, E., Lebeda, A.: Botanická zahrada Přírodovědecké fakulty Univerzity Palackého v Olomouci pro vzdělávání předškolní a školní mládeže, studentů a dospělých. *E-Pedagogium*, 2010, 1 mimoř. číslo: 255-264. (ISSN 1213-7758 tištěná verze; ISSN 1213-7499 elektronická verze).
866. Dančák, M., Hradílek, Z., Křístková, E., Lebeda, A., Vašut, R.J., Vinter, V.: Botanická zahrada Přírodovědecké fakulty Univerzity Palackého v Olomouci. In: Chytrá, M., Hanzelka, P., Kacerovský, R. (Eds.): *Botanické zahrady a arboreta České republiky*. Unie botanických zahrad České republiky, Academia, Praha, 2010, pp. 74-85. ISBN 978-80-200-1771-0 (Academia vázaná), ISBN 978-80-200-1837-3 (Academia brožovaná),
867. Beharav, A., Ben-David, R., Doležalová, I., Lebeda, A.: Eco-geographical distribution of *Lactuca aculeata* natural populations in northeastern Israel. *Genetic Resources and Crop Evolution* 57, 2010, 679-686. (DOI 10.1007/s10722-009-9503-6)
868. Prokopová, J., Mieslerová, B., Hlaváčková, V., Hlavinka, J., Lebeda, A., Nauš, J., Špundová, M.: Changes in photosynthesis of *Lycopersicon* spp. plants induced by tomato powdery mildew infection in combination with heat shock pre-treatment. *Physiological and Molecular Plant Pathology*, 74, 2010, 205-213. (doi:10.1016/j.pmpp.2010.01.001)
869. Spencer, M.M., Lebeda, A. (Eds.): *Mass Screening Techniques for Selecting Crops Resistant to Disease*. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010, 327 pp. (ISBN 978-92-0-105110-3)
870. Spencer, M.M., Lebeda, A.: Improvement of crop production and disease resistance through mutation induction: the IAEA mandate; Chapter 1, pp. 1-3. In: Spencer, M.M., Lebeda, A. (Eds.): *Mass Screening Techniques for*



- Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
871. Lebeda, A., Šváblová, L.: *In vitro* screening methods for assessing plant disease resistance; Chapter 2, pp. 5-45. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
872. Lebeda, A., Šváblová, L., Dostálová, R.: Screening of peas for resistance to fusarium wilt and root rot (*Fusarium oxysporum*, *Fusarium solani*); Chapter 12, pp. 189-200. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
873. Lebeda, A., Petrželová, I.: Screening for resistance to lettuce downy mildew (*Bremia lactucae*); Chapter 15, pp. 245-256. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
874. Lebeda, A., Mieslerová, B.: Screening for resistance to tomato powdery mildew (*Oidium neolycopersici*); Chapter 16, pp. 257-265. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
875. Lebeda, A., Urban, J.: Screening for resistance to cucurbit downy mildew (*Pseudoperonospora cubensis*); Chapter 18, pp. 285-294. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
876. Lebeda, A., Sedláková, B.: Screening for resistance to cucurbit powdery mildews (*Golovinomyces cichoracearum*, *Podosphaera xanthii*); Chapter 19, pp. 295-307. In: Spencer, M.M., Lebeda, A. (Eds.): Mass Screening Techniques for Selecting Crops Resistant to Disease. International Atomic Energy Agency (IAEA), Vienna, Austria, 2010. (ISBN 978-92-0-105110-3)
877. Prokopová, J., Špundová, M., Sedlářová, M., Husičková, A., Novotný, R., Doležal, K., Nauš, J., Lebeda, A.: Photosynthetic responses of lettuce to downy mildew infection and cytokinin treatment. *Plant Physiology and Biochemistry*, 48, 2010, 716-723. (doi: 10.1016/j.plaphy.2010.04.003)
878. Ondřej, V., Navrátilová, B., Protivánková, I., Piterková, J., Sedlářová, M., Luhová, L., Lebeda, A.: Recondensation level of repetitive sequences in the plant proplast nucleus is limited by oxidative stress. *Journal of Experimental Botany*, 61, 2010, 2395-2401. (DOI: 10.1093/jxb/erq067)
879. Beharav, A., Ben-David, R., Malarz, J., Stojakowska, A., Michalska, K., Doležalová, I., Lebeda, A., Kisiel, W.: Variation of sesquiterpene lactones in *Lactuca aculeata* natural populations from Israel, Jordan and Turkey.

- Biochemical Systematics and Ecology, 38, 2010, 602-611 (doi: 10.1016/j.bse.2010.07.007)
880. Mieslerová, B., Lebeda, A.: Influence of temperature and light conditions on germination, growth and conidiation of *Oidium neolycopersici*. Journal of Phytopathology, 158, 2010, 616-627. (doi: 10.1111/j.1439-0434.2009.01663.x)
881. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Coffey, M.D.: Gaps and perspectives of pathogenicity evaluation and denomination in cucurbit powdery mildews (*Golovinomyces cichoracearum* and *Podosphaera xanthii*). In: Takamatsu, S., Brown, U., Kiss, L. (Eds.): Biology, biodiversity, evolution and systematics of the Erysiphales. A Special Interest Group (SIG) Meeting of the 9th International Mycological Congress (IMC9), Abstracts, pp. 21-22. IMC9, The Biology of Fungi, Edinburgh, UK, 1-6 August 2010.
882. Lebeda, A., Švábová, L., Ondřej, V., Horáček, J., Kitner, M., Klenotičová, H.: *Fusarium solani* and *Phoma pisi* culture filtrates and their utilization in the selection of resistant pea somaclones; poster P1.262. In: Programme Book, IMC9, The Biology of Fungi, Edinburgh, UK, 1-6 August 2010; IMC9 Poster Programme (Delegate CD-Rom; www.imc9.info). Published by British Mycological Society, Edinburgh, UK, 2010.
883. Lebeda, A.: (Urban, Z., Marková, J.: Catalogue of Rust Fungi of the Czech and Slovak Republics. Univerzita Karlova v Praze, Nakladatelství Karolinum, Praha 2009. 365 pp.). Czech Mycology, 61, 2010, 148. (Book Review)
884. Lebeda, A., Švábová, L., Horáček, J., Kitner, M., Dostálová, R.: Biochemical changes and somaclonal variability in pea lines selected with *Fusarium solani* culture filtrates. In: Rallo, L. et al. (Eds.): Book of Abstracts. Volume I. 28th International Horticultural Congress, Lisbon Congress Centre, August 22-27, 2010, Portugal. ISHS, Lisboa, pp. 210.
885. Lebeda, A., Doležalová, I., Kitner, M., Novotná, A.: North American continent – a new source of wild *Lactuca* spp. germplasm variability for future lettuce breeding. In: Rallo, L. et al. (Eds.): Book of Abstracts. Volume II (Symposia). 28th International Horticultural Congress, Lisbon Congress Centre, August 22-27, 2010, Portugal. ISHS, Lisboa, pp. 537.
886. Lebeda, A., Křístková, E., Doležalová, I., Petrželová, I., Melichaříková, Z.: Germplasm collections of old lettuce cultivars and landraces for modern breeding. In: Rallo, L. et al. (Eds.): Book of Abstracts. Volume II (Symposia). 28th International Horticultural Congress, Lisbon Congress Centre, August 22-27, 2010, Portugal. ISHS, Lisboa, pp. 560.
887. Skálová, D., Navrátilová, B., Ondřej, V., Lebeda, A.: Optimizing culture for *in vitro* pollination and fertilization in *Cucumis sativus* and *C. melo*. Acta Biologica Cracoviensia, Series Botanica, 52, 2010, 111-115.
888. Lebeda, A., Doležalová, I., Křístková, E., Kitner, M., Petrželová, I., Mieslerová, B., Novotná, A., Korbelová, P.: Biodiversity of wild *Lactuca* spp., their evaluation and exploitation. In: Dolenc Koče, J., Vodnik, D., Pongrac, P. (Eds.): Book of Abstracts, 5th Slovenian Symposium on Plant

Biology with international participation; 6.-9. September 2010, Ljubljana. Published by Slovenian Society of Plant Biology, Printed by Tiskarna Januš, Ljubljana 2010, pp. 35. ISBN 978-961-91014-3-8.

889. Křístková, E., Lebeda, A., Doležalová, Kitner, M., Petrželová, I., Mieslerová, B., Korbelová, P., Beharav, A., Nevo, E., Ben-David, R., Meglic, V., Maras, V.: Willow-leaf lettuce – distribution and variation. In: Dolenc Koce, J., Vodnik, D., Pongrac, P. (Eds.): Book of Abstracts, 5th Slovenian Symposium on Plant Biology with international participation; 6.-9. September 2010, Ljubljana. Published by Slovenian Society of Plant Biology, Printed by Tiskarna Januš, Ljubljana 2010, pp. 47. ISBN 978-961-91014-3-8.
890. Lebeda, A., Křístková, E., Paris, H.S.: Variation in phenotypic traits within and among *Cucurbita pepo* genotypes. In: Sun, X. (Ed.): Proceedings of the Fourth International Symposium on Cucurbits. Acta Horticulturae, 871, 2010, 211-217.
891. Lebeda, A., Hübschová, J.: Distribution and harmfulness of *Pseudoperonospora cubensis* populations in the Czech Republic. In: Sun, X. (Ed.): Proceedings of the Fourth International Symposium on Cucurbits. Acta Horticulturae, 871, 2010, 251-258.
892. Hübschová, J., Lebeda, A.: Fungicide effectiveness on Czech populations of *Pseudoperonospora cubensis*. In: Sun, X. (Ed.): Proceedings of the Fourth International Symposium on Cucurbits. Acta Horticulturae, 871, 2010, 457-463.
893. Lebeda, A., Sedlakova, B., Pejchar, M., Jeřábková, H.: Variation for fungicide resistance among cucurbit powdery mildew populations in the Czech Republic. In: Sun, X. (Ed.): Proceedings of the Fourth International Symposium on Cucurbits. Acta Horticulturae, 871, 2010, 465-475.
894. Sedlakova, B., Lebeda, A.: Occurrence of *Ampelomyces quisqualis* on the cucurbit powdery mildew species in the Czech Republic. In: Sun, X. (Ed.): Proceedings of the Fourth International Symposium on Cucurbits. Acta Horticulturae, 871, 2010, 477-481.
895. Lebeda, A., Hübschová, J., Urban, J.: Temporal population dynamics of *Pseudoperonospora cubensis*. In: Thies, J.A., Kousik, S., Levi, A. (Eds.): Cucurbitaceae 2010 Proceedings, pp. 240-243. American Society for Horticultural Science, Alexandria, VA, USA. (ISBN 978-0-9830932-0-6)
896. Sedláková, B., Lebeda, A.: Temporal population dynamics of cucurbit powdery mildews (*Golovinomyces cichoracearum* and *Podosphaera xanthii*) in the Czech Republic. In: Thies, J.A., Kousik, S., Levi, A. (Eds.): Cucurbitaceae 2010 Proceedings, pp. 244-247. American Society for Horticultural Science, Alexandria, VA, USA (ISBN 978-0-9830932-0-6)
897. Choi, Y.J., Lebeda, A., Sedlářova, M., Shin, H.D.: First report of downy mildew caused by *Peronospora verbena* on verbena in the Czech Republic. Plant Pathology, 59, 2010, 1166. (Doi: 10.1111/j.1365-3059.2010.02292.x)

898. Hlavinka, J., Hlaváčková, V., Prokopová, J., Mieslerová, B., Špundová, M., Piterková, J., Luhová, L., Novák, O., Lebeda, A., Nauš, J.: Effect of heat shock pretreatment of tomato plants (*Lycopersicon chmielewskii*) on their interaction with biotrophic pathogen (*Oidium neolycopersici*). In: „The 15th International Congress of Photosynthesis“, Conference Abstracts, August 22-27, 2010. IBCAS, ISPR, Beijing, China, p. 266.
899. Skálová, D., Ondřej, V., Doležalová, I., Navrátilová, B., Lebeda, A.: Polyploidization facilitates biotechnological *in vitro* techniques in the genus *Cucumis*. Journal of Biomedicine and Biotechnology 2010, Article ID 475432 (doi: 10.1155/2010/475432)
900. Lebeda, A., McGrath, M.T., Sedláková, B.: Fungicide resistance in cucurbit powdery mildew fungi; Chapter 11, pp. 221-246. In: Carisse, O. (Ed.): Fungicides. InTech Publishers, Rijeka, Croatia, 2010, 538 pp. (ISBN 978-953-307-266-1)
901. Lebeda, A., Mieslerová, B.: Taxonomy, distribution and biology of lettuce powdery mildew (*Golovinomyces cichoracearum sensu stricto*). Plant Pathology 60, 2011, 400-415. (Doi: 10.1111/j.1365-3059.2010.02399.x)
902. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Coffey, M.D.: Gaps and perspectives of pathotype and race determination in *Golovinomyces cichoracearum* and *Podosphaera xanthii*. Mycoscience 52, 2011, 159-164. (DOI: 10.1007/s10267-010-0098-8)
903. Lebeda, A., Holmes, G., Mauch-Mani, B., Jeger, M.J. (Eds.): The Downy Mildews – Biology, Mechanisms of Resistance, Population Ecology. Special Volume (Vol. 129) of European Journal of Plant Pathology. Springer, Dordrecht, 2011. (ISSN 0929-1873)
904. Lebeda, A., Holmes, G., Mauch-Mani, B., Jeger, M.J.: Foreword. „The Downy Mildews – Biology, Mechanisms of Resistance, Population Ecology“. In: Lebeda, A., Holmes, G., Mauch-Mani, B., Jeger, M.J. (Eds.): The Downy Mildews – Biology, Mechanisms of Resistance, Population Ecology. European Journal of Plant Pathology, 129, 2011, 133. (DOI: 10.1007/s10658-010-9709-7)
905. Lebeda, A., Cohen, Y.: Cucurbit downy mildew (*Pseudoperonospora cubensis*) – biology, ecology, epidemiology, host-pathogen interaction and control. European Journal of Plant Pathology, 129, 2011, 157-192. (DOI: 10.1007/s10658-010-9658-1)
906. Petrželová, I., Lebeda, A.: Distribution of race-specific resistance against *Bremia lactucae* in natural populations of *Lactuca serriola*. European Journal of Plant Pathology, 129, 2011, 233-253. (DOI: 10.1007/s10658-010-9627-8)
907. Sedlářová, M., Petřivalský, M., Piterková, J., Luhová, L., Kočířová, J., Lebeda, A.: Influence of nitric oxide and reactive oxygen species on development of lettuce downy mildew in *Lactuca* spp. European Journal of Plant Pathology, 129, 2011, 267-280 (DOI: 10.1007/s10658-010-9626-9)

908. Kik, Ch., van Treuren, R., Pink, D., Astley, D., Coquin, P., Cadot, V., Borner, A., Lohwasser, U., Thumm, S., Lebeda, A., Kristkova, E., Solberg, S., Antonius, K., Maisonneuve, B., Lerch, F., Sumption, P., D'Antuono, F., Meglic, V., Bartha, B.: Leafy vegetables GENRES project successfully completed. *Biodiversity International Newsletter for Europe* 42, 2011, 12.
909. Křístková, E., Lebeda, A., Doležalová, I., Petrželová, I., Melichaříková, Z.: Breeding value of old lettuce cultivars and landraces in germplasm collections. van Hintum, T.J.L. (Ed.): *To serve and conserve. Abstracts of oral presentations and posters of the European Plant Genetic Resources Conference 2011*. CGN, Wageningen, The Netherlands, pp. 80.
910. Lebeda, A., Křístková, E., Doležalová, I., Kitner, M., Petrželová, I., Mieslerová, B., Korbelová, P., Beharav, A., Nevo, E., Ben-David, R., Meglic, V., Maras, V.: Complex view on biodiversity of *Lactuca saligna* germplasm. van Hintum, T.J.L. (Ed.): *To serve and conserve. Abstracts of oral presentations and posters of the European Plant Genetic Resources Conference 2011*. CGN, Wageningen, The Netherlands, pp. 83.
911. Lebeda, A.: Aleš Lebeda - Šedesát let života a třicet pět let vědy / Aleš Lebeda – Sixty years of life and thirty-five years of science. Smržice/Olomouc, 2011. JOLA, v.o.s., Kostelec na Hané, Czech Republic, 248 pp. (ISBN 80-86636-30-3)
912. Švábová, L., Lebeda, A., Kitner, M., Sedlářová, M., Petřivalský, M., Dostálová, R., Ondřej, M., Horáček, J., Smýkalová, L., Griga, M.: Comparison of the effects of *Fusarium solani* filtrates *in vitro* and *in vivo* on the morphological characteristics and peroxidase activity in pea cultivars with different susceptibility. *Journal of Plant Pathology* 93, 2011, 19-30.
913. Novotná, A., Doležalová, I., Lebeda, A., Kršková, M., Berka, T.: Morphological variability of achenes of some European populations of *Lactuca serriola* L. *Flora* 206, 2011, 473-483. (DOI: 10.1016/j.flora.2010.09.012)
914. Lebeda, A., Holmes, G.J., Mauch-Mani, B., Jeger, M.J. (Eds.): *The Downy Mildews – Biology, Mechanisms of Resistance and Population Ecology*. Springer, Dordrecht, 2011, 227 pp. (ISBN 978-94-007-1280-5)
915. Lebeda, A., Cohen, Y.: Cucurbit downy mildew (*Pseudoperonospora cubensis*) – biology, ecology, epidemiology, host-pathogen interaction and control. In: Lebeda, A., Holmes, G.J., Mauch-Mani, B., Jeger, M.J. (Eds.): *The Downy Mildews – Biology, Mechanisms of Resistance and Population Ecology*. Springer, Dordrecht, 2011, pp. 25-60.
916. Petrželová, I., Lebeda, A.: Distribution of race-specific resistance against *Bremia lactucae* in natural populations of *Lactuca serriola*. In: Lebeda, A., Holmes, G.J., Mauch-Mani, B., Jeger, M.J. (Eds.): *The Downy Mildews – Biology, Mechanisms of Resistance and Population Ecology*. Springer, Dordrecht, 2011, pp. 101-121.
917. Sedlářová, M., Petřivalský, M., Piterková, J., Luhová, L., Kočířová, J., Lebeda, A.: Influence of nitric oxide and reactive oxygen species on

- development of lettuce downy mildew in *Lactuca* spp. In: Lebeda, A., Holmes, G.J., Mauch-Mani, B., Jeger, M.J. (Eds.): The Downy Mildews – Biology, Mechanisms of Resistance and Population Ecology. Springer, Dordrecht, 2011, pp. 135-148.
918. Lebeda, A., Balcařík, Z., Schneiderová, T.: Smržice – Geografie, příroda, historie, lidé, současný vývoj a život. Smržice – Geography, nature, history, people, current developments and life. Published by village Smržice; Printed by Tiskárna TWIN s.r.o., Olomouc, 2011, 52 pp. (ISBN 978-80-260-0057-0)
919. Pavelková, J., Lebeda, A., Sedláková, B.: First report of *Pseudoperonospora cubensis* on *Cucurbita moschata* in the Czech Republic. *Plant Disease* 95, 2011, 878-879. (doi: 10.1094/PDIS-01-11-0055)
920. Lebeda, A., Pavelková, J., Urban, J., Sedláková, B.: Distribution, host range and disease severity of *Pseudoperonospora cubensis* on cucurbits in the Czech Republic. *J. Phytopathology* 159, 2011, 589-596. (doi: 10.1111/j.1439.0434.2011.01811.x)
921. Lebeda, A., Petrželová, I.: Temporal variation in wild plant pathosystem *Lactuca serriola* – *Bremia lactucae*. IBC2011, XVIII International Botanical Congress, 23-30 July 2011, Melbourne, Australia; IBC2011 Abstract Book, Theme 07, Plants in Society, P1088-ePoster, pp 681-682.
922. Lebeda, A., Sedláková, B.: Fungicide resistance in Czech cucurbit powdery mildew populations. *Phytopathology* 101, Supplement S, 2011, S99.
923. Quesada-Ocampo, L., Granke, L., Olsen, J., Gutting, H., Runge, F., Thines, M., Lebeda, A., Hausbeck, M.: The genetic structure of *Pseudoperonospora cubensis* global populations. *Phytopathology* 101, Supplement S, 2011, S149.
924. Lebeda, A., Mieslerová, B., Korbelová, P.: Race-specificity in interactions between *Lactuca* spp. and *Golovinomyces cichoracearum*. EUCARPIA Leafy Vegetables 2011, Abstracts, August 24-26, 2011, Université Lille Nord de France, Villeneuve d'Ascq, France, pp. 28-29.
925. Lebeda, A., Doležalová, I., Kitner, M., Novotná, A.: Distribution and variation of wild *Lactuca* species in North America – a challenge for future lettuce breeding. EUCARPIA Leafy Vegetables 2011, Abstracts, August 24-26, 2011, Université Lille Nord de France, Villeneuve d'Ascq, France, pp. 48-49.
926. Petrželová, I., Lebeda, A., Beharav, A.: Resistance to *Bremia lactucae* in natural populations of *Lactuca saligna* from some Middle Eastern countries. EUCARPIA Leafy Vegetables 2011, Abstracts, August 24-26, 2011, Université Lille Nord de France, Villeneuve d'Ascq, France, p. 65.
927. Křístková, E., Tvardková, M., Lebeda, A.: Characterization and developmental stages in *Lactuca saligna* germplasm from Europe and USA. EUCARPIA Leafy Vegetables 2011, Abstracts, August 24-26, 2011, Université Lille Nord de France, Villeneuve d'Ascq, France, p. 78.
928. Singh, R., Lebeda, A., Tucker, A.O.: Medicinal plants-nature's pharmacy, Chapter 2, pp. 13-49. In: Singh, R. (Ed.): Genetic Resources, Chromosome

Engineering, and Crop Improvement Series, Volume 6 – Medicinal Crops. CRC Press, Boca Raton, FL, USA. 2011.

929. Lebeda, A., Doležalová, I., Fernández, C.M., Viehmannová, I.: Yacon (*Asteraceae*, *Smallanthus sonchifolius*), Chapter 20, pp. 642-702. In: Singh, R. (Ed.): Genetic Resources, Chromosome Engineering, and Crop Improvement Series, Volume 6 – Medicinal Crops. CRC Press, Boca Raton, FL, USA. 2011.
930. Piterková, J., Hoffman, J., Mieslerová, B., Sedlářová, M., Luhová, L., Lebeda, A., Petřivalský, M.: Dual role of nitric oxide in *Solanum* spp. – *Oidium neolycopersici* interactions. *Environmental and Experimental Botany* 74, 2011, 37-44.
931. Petrželová, I., Lebeda, A., Beharav, A.: Resistance to *Bremia lactucae* in natural populations of *Lactuca saligna* from some Middle Eastern countries and France. *Annals of Applied Biology* 159, 2011, 442-455. (doi: 10.1111/j.1744-7348.2011.00507.x)
932. Korbelová, P., Mieslerová, B., Lebeda, A.: Patogenní variabilita *Golovinomyces cichoracearum* na rodu *Lactuca* (Variability of pathogenicity of *Golovinomyces cichoracearum* on *Lactuca* spp.). Česko-Slovenská vedecká mykologická konferencia, Smolenice (Slovenská republika) 25.-27.10.2011. Spravodajca Slovenskej Mykologickej Spoločnosti (ISSN 1335-7689) 38, 2011, 35-36. (Abstrakt)
933. Sedláková, B., Lebeda, A., Křístková, E.: Populační dynamika padlí tykvoovitých (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) a jejich hyperparazitické houby (*Ampelomyces quisqualis*) v České republice (Population dynamics of cucurbit powdery mildews (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) and their hyperparasite fungi (*Ampelomyces quisqualis*) in the Czech Republic). Česko-Slovenská vedecká mykologická konferencia, Smolenice (Slovenská republika) 25.-27.10.2011. Spravodajca Slovenskej Mykologickej Spoločnosti (ISSN 1335-7689) 38, 2011, 63-64. (Abstrakt)
934. Trojanová, Z., Sedlářová, M., Lebeda, A.: Rozšíření a patogenní variabilita *Plasmopara halstedii* v České republice a patologické změny v metabolismu slunečnice (Distribution and pathogenic variability of *Plasmopara halstedii* in the Czech Republic, and pathological changes in sunflower metabolism). Česko-Slovenská vedecká mykologická konferencia, Smolenice (Slovenská republika) 25.-27.10.2011. Spravodajca Slovenskej Mykologickej Spoločnosti (ISSN 1335-7689) 38, 2011, 76-77. (Abstrakt)
935. Navrátilová, B., Skálová, D., Ondřej, V., Kitner, M., Lebeda, A.: Biotechnological methods utilized in *Cucumis* sp. research – A review. *Horticulture Science (Prague)* 38, 2011, 150-158.
936. Lebeda, A., Doležalová, I., Kitner, M., Novotná, A., Šmachová, P., Widrechner, M.P.: North American Continent – a new source of wild *Lactuca* spp. germplasm variability for future lettuce breeding. *Acta Horticulturae* 918, 2011, 475-482.

937. Lebeda, A., Sedláková, B., Pavelková, J., Jeřábková, H.: Usage of novel action fungicides and their limitations – examples from biotrophic parasites of cucurbits. In: Gour, H.N. et al. (Eds.): Abstracts, p. 25. 3rd Global Conference „Plant Pathology and Food Security“, January 10-13, 2012, Udaipur, Rajasthan, India. Indian Society of Mycology and Plant Pathology, and Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, India.
938. Li, Ch., Faino, L., Dong, L., Fan, J., Kiss, L., De Giovanni, C., Lebeda, A., Scott, J., Matsuda, Y., Toyoda, H., Lindhout, P., Visser, R.G.F., Bonnema, G., Bai, Y.: Characterization of polygenic resistance to powdery mildew in tomato at cytological, biochemical and gene expression level. *Molecular Plant Pathology* 13, 2012, 148-159. (DOI: 10.1111/J.1364-3703.2011.00737.X)
939. Lebeda, A., Cohen, Y.: Fungicide resistance in *Pseudoperonospora cubensis*, the causal pathogen of cucumber downy mildew, Chapter 4. In: Thind, T.S. (Ed.): Fungicide Resistance in Crop Protection. Risk and Management. CABI, Wallingford, UK, 2012, pp. 44-63. (ISBN 978-1-84593-905-2)
940. Paris, H.S., Lebeda, A., Křístková, E., Andres, T.C., Nee, M.H.: Parallel evolution under domestication and phenotypic differentiation of the cultivated subspecies of *Cucurbita pepo* (Cucurbitaceae). *Economic Botany* 66, 2012, 71-90. (DOI: 10.1007/s12231-012-9186-3)
941. Lebeda, A., Kitner, M., Křístková, E., Doležalová, I., Beharav, A.: Genetic polymorphism in *Lactuca aculeata* populations and occurrence of natural putative hybrids between *L. aculeata* and *L. serriola*. *Biochemical Systematics and Ecology* 42, 2012, 113-123. (doi: 10.1016/j.bse.2012.02.008)
942. Křístková, E., Lebeda, A., Doležalová, I., Petrželová, I., Grygarová, K., Melichaříková, Z.: Old lettuce cultivars in germplasm collections and their actual values. In: Bedö, Z., Láng, L. (Eds.): Plant Breeding for Future Generations. Proceedings of the 19th EUCARPIA General Congress, 21-24 May 2012, Budapest, Hungary. Agricultural Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, Martonvásár, Hungary, 2012, p. 254. (ISBN: 978-963-8351-39-5)
943. Lebeda, A., Křístková, E., Doležalová, I., Kitner, M., Petrželová, I., Mieslerová, B., Korbelová, P., Matoušková, Z., Vafková, B., Beharav, A., Nevo, E., David, R.B., Meglic, V., Maras, M.: Biodiversity of *Lactuca saligna* and its exploitation in lettuce breeding. In: Bedö, Z., Láng, L. (Eds.): Plant Breeding for Future Generations. Proceedings of the 19th EUCARPIA General Congress, 21-24 May 2012, Budapest, Hungary. Agricultural Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, Martonvásár, Hungary, 2012, p. 257. (ISBN: 978-963-8351-39-5)
944. Lebeda, A.: (Lubomír Kincl, Martin Kincl: Chráněná území Prostějovska. Český svaz ochránců přírody, Regionální sdružení Iris, Prostějov, 2012, 112 pp., cena 50,- Kč). *Živa* 60(98), č. 3, 2012, LII. (Book Review)



945. Lebeda, A., Pavelková, J., Sedláková, B., Urban, J.: Původce plísně okurky (*Pseudoperonospora cubensis*) – časoprostorové změny v rozšíření, škodlivosti a variabilitě (Causal agent of cucurbit downy mildew (*Pseudoperonospora cubensis*) – spatiotemporal changes in distribution, harmfulness and variability). In: Bokor, P., Tóthová, M. (Eds.): Zborník Abstraktov z XIX. Slovenskej a českej konferencie o ochrane rastlín (Proceedings of Abstracts of the XIX<sup>th</sup> Slovak and Czech Plant Protection Conference), Nitra, September 5 – 7, 2012. Katedra ochrany rastlín, Slovenska poľnohospodárska univerzita v Nitre (Department of Plant Protection, Slovak University of Agriculture), Slovak Republic, 2012, pp. 20-21. (ISBN 978-80-552-0838-1)
946. Sedláková, B., Lebeda, A., Jeřábková, H., Paulík, R., Vajdová, M.: Rezistencia k fenarimolu, dinocapu, benomylu, thiophanate-methylu a azoxystrobinu v populáciách padlí tykvovitých v České republice (Resistance to fenarimol, dinocap, benomyl, thiophanate-methyl and azoxystrobin in cucurbit powdery mildew populations in the Czech Republic). In: Bokor, P., Tóthová, M. (Eds.): Zborník Abstraktov z XIX. Slovenskej a českej konferencie o ochrane rastlín (Proceedings of Abstracts of the XIX<sup>th</sup> Slovak and Czech Plant Protection Conference), Nitra, September 5 – 7, 2012. Katedra ochrany rastlín, Slovenska poľnohospodárska univerzita v Nitre (Department of Plant Protection, Slovak University of Agriculture), Slovak Republic, 2012, pp. 44-45. (ISBN 978-80-552-0838-1)
947. Trojanová, Z., Sedlářová, M., Piterková, J., Luhová, L., Lebeda, A.: Role reaktivních forem kyslíku a dusíku v obranných mechanismech slunečnice vůči *Plasmopara halstedii* (Role of reactive oxygen and nitrogen species in sunflower defence to *Plasmopara halstedii*). In: Bokor, P., Tóthová, M. (Eds.): Zborník Abstraktov z XIX. Slovenskej a českej konferencie o ochrane rastlín (Proceedings of Abstracts of the XIX<sup>th</sup> Slovak and Czech Plant Protection Conference), Nitra, September 5 – 7, 2012. Katedra ochrany rastlín, Slovenska poľnohospodárska univerzita v Nitre (Department of Plant Protection, Slovak University of Agriculture), Slovak Republic, 2012, pp. 121-122. (ISBN 978-80-552-0838-1)
948. Vajdová, M., Sedláková, B., Lebeda, A.: Výskyt druhového spektra padlí tykvovitých a jeho hyperparazitické houby *Ampelomyces quisqualis* v České republice v letech 2008-2009 (Occurrence of species spectrum of cucurbit powdery mildew and their hyperparasitic fungus, *Ampelomyces quisqualis*, in the Czech Republic during the years 2008 – 2009). In: Bokor, P., Tóthová, M. (Eds.): Zborník Abstraktov z XIX. Slovenskej a českej konferencie o ochrane rastlín (Proceedings of Abstracts of the XIX<sup>th</sup> Slovak and Czech Plant Protection Conference), Nitra, September 5 – 7, 2012. Katedra ochrany rastlín, Slovenska poľnohospodárska univerzita v Nitre (Department of Plant Protection, Slovak University of Agriculture), Slovak Republic, 2012, pp. 124-125. (ISBN 978-80-552-0838-1)

949. Sedláková, B., Lebeda, A., Jeřábková, H., Paulík, R., Vajdová, M.: Resistance to fenarimol, dinocap, benomyl, thiophanate-methyl and azoxystrobin in cucurbit powdery mildew populations in the Czech Republic. *Acta fytotechnica and zootechnica* 15 (Special Number), 2012, 46-49.
950. Vajdová, M., Sedláková, B., Lebeda, A.: Occurrence of species spectrum of cucurbit powdery mildew and their hyperparasitic fungus, *Ampelomyces quisqualis*, in the Czech Republic during the years 2008 – 2009. *Acta fytotechnica and zootechnica* 15 (Special Number), 2012, 58-60.
951. Křístková E., Lebeda A., Kitner M., Vafková B., Matoušková Z., Doležalová I., Beharav A., 2012. Phenotypes of the natural interspecific hybrids in the genus *Lactuca*. *Úroda* 60/9 (vědecká příloha), 2012, 28-31. ISSN: 0139-6013
952. Lebeda, A., Křístková, E., Kitner, M., Petrželová, I., Mieslerová, B., Doležalová I.: Biodiversity of wild *Lactuca* species – challenge to our (re)search. *Úroda* 60/9 (vědecká příloha), 2012, 44-52. ISSN: 0139-6013
953. Quesada-Ocampo, L.M., Granke, L.L., Olsen, J., Gutting, H.C., Runge, F., Thines, M., Lebeda, A., Hausbeck, M.K.: The genetic structure of *Pseudoperonospora cubensis* populations. *Plant Disease* 96, 2012, 1459-1470. (DOI: 10.1094/PDIS-11-11-0943-RE)
954. Lebeda, A., Mieslerová, B., Petrželová, I., Korbelová, P., Česneková, E.: Patterns of virulence variation in the interaction between *Lactuca* spp. and lettuce powdery mildew (*Golovinomyces cichoracearum*). *Fungal Ecology* 5, 2012, 670-682. (doi: 10.1016/j.funeco.2012.03.005)
955. Lebeda, A., Sedláková, B., Křístková, E., Vajdová, M., McCreight, J.D.: Application of a new approach for characterization and denomination of races of cucurbit powdery mildews – a case study of Czech pathogen populations. In: Sari, N., Solmaz, I., Aras, V. (Eds.): *Cucurbitaceae 2012, Proceedings of the X<sup>th</sup> EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae*. October 15-18<sup>th</sup>, 2012, Antalya, Turkey. Cukurova University, Adana, Turkey, 2012, pp. 172-180. (ISBN: 978-605-63297-0-8)
956. McCreight, J.D., Coffey, M.D., Sedlakova, B., Lebeda, A.: Cucurbit powdery mildew of melon incited by *Podosphaera xanthii*: Global and western U.S. perspectives. In: Sari, N., Solmaz, I., Aras, V. (Eds.): *Cucurbitaceae 2012, Proceedings of the X<sup>th</sup> EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae*. October 15-18<sup>th</sup>, 2012, Antalya, Turkey. Cukurova University, Adana, Turkey, 2012, pp. 181-189. (ISBN: 978-605-63297-0-8)
957. Křístková, E., Lebeda, A., Paris, H.S.: Genetic variation of the leaf laminae of *Cucurbita pepo*. In: Sari, N., Solmaz, I., Aras, V. (Eds.): *Cucurbitaceae 2012, Proceedings of the X<sup>th</sup> EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae*. October 15-18<sup>th</sup>, 2012, Antalya, Turkey. Cukurova University, Adana, Turkey, 2012, pp. 661-668. (ISBN: 978-605-63297-0-8)

958. Polat, I., Kurum, R., Baysal, Ö., Cohen, Y., Lebeda, A.: Genetic characterization of isolates of *Pseudoperonospora cubensis* causing downy mildew in different countries using molecular markers. In: Sari, N., Solmaz, I., Aras, V. (Eds.): Cucurbitaceae 2012, Proceedings of the X<sup>th</sup> EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae. October 15-18<sup>th</sup>, 2012, Antalya, Turkey. Cukurova University, Adana, Turkey, 2012, pp. 767 (Abstract). (ISBN: 978-605-63297-0-8)
959. Lebeda, A., Sedláková, B., Pavelková, J.: New hosts of *Pseudoperonospora cubensis* in the Czech Republic and pathogen virulence variation. In: Sari, N., Solmaz, I., Aras, V. (Eds.): Cucurbitaceae 2012, Proceedings of the X<sup>th</sup> EUCARPIA Meeting on Genetics and Breeding of Cucurbitaceae. October 15-18<sup>th</sup>, 2012, Antalya, Turkey. Cukurova University, Adana, Turkey, 2012, pp. 768-776. (ISBN: 978-605-63297-0-8)
960. Sedláková, B., Vajdová, M., Lebeda, A.: Výsledky dlouhodobého studia hyperparazitické houby *Ampelomyces quisqualis* na padlí tykvovitých (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) v České republice (Results of long-lasting study of fungl hyperparasite *Ampelomyces quisqualis* occurrence on cucurbit powdery mildew (*Golovinomyces cichoracearum*, *Podosphaera xanthii*) in the Czech Republic). In: Věchet, L. (Ed.): Biologická kontrola chorob rostlin (Biological control of plant diseases). Výzkumný ústav rostlinné výroby, v.v.i., Praha-Ruzyně, 2012, pp. 13-20. (ISBN: 978-80-7427-114-4)
961. Lebeda, A., Doležalová, I., Novotná, A.: Wild and weedy *Lactuca* species, their distribution, ecogeography and ecobiology in USA and Canada. Genetic Resources and Crop Evolution 59, 2012, 1805-1822. (DOI: 10.1007/s10722-012-9805-y)
962. Skálová, D., Navrátilová, B., Doležalová, I., Vašut, R.J., Lebeda, A.: Haploid and mixoploid cucumber (*Cucumis sativus* L.) protoplasts – isolation and fusion. Journal of Applied Botany and Food Quality 85, 2012, 64-72.
963. Lebeda, A., Pokorný, R. (Eds.): Biotech-crops and their utilization in plant protection against diseases and pests. Plant Protection Science, Special Issue, 48, 2012. 48 pp.
964. Lebeda, A., Pokorný, R.: Introduction. In: Lebeda, A., Pokorný, R. (Eds.): Biotech-crops and their utilization in plant protection against diseases and pests. Plant Protection Science, Special Issue, 48, 2012, S1-S2.
965. Horáček, J., Švábová, L., Šarhanová, P., Lebeda, A.: Variability for resistance to *Fusarium solani* culture filtrate and fusaric acid among somaclones in pea. Biologia Plantarum 57, 2013, 133-138. (DOI: 10.1007/s10535-012-0131-1)
966. Sedlářová, M., Trojanová, Z., Lebeda, A.: Distribution and harmfulness of *Plasmopara halstedii* on sunflower in the Czech Republic. Plant Protection Science 49, 2013, 1-10.
967. Lebeda, A.: (Václav Kůdela, František Kocourek, Martin Bárnet (Eds.): České a anglické názvy chorob a škůdců rostlin. Czech and English names of plant diseases and pests. Česká akademie zemědělských věd, Odbor

- roślinolékařství. Vydavatelství Profi Press s.r.o., Praha, 2012, 272 pp., cena 650,- Kč). Plant Protection Science 49, 2013, 55-56. (Book Review)
968. Lebeda, A.: (Václav Kůdela, František Kocourek, Martin Bárnet (Eds.): České a anglické názvy chorob a škůdců rostlin. Czech and English names of plant diseases and pests. Česká akademie zemědělských věd, Odbor rostlinolékařství. Vydavatelství Profi Press s.r.o., Praha, 2012, 272 pp., cena 650,- Kč). Živa 61(99), č. 1, 2013, VII. (Book Review)
969. Lebeda, A., Pavelková, J., Sedláková, B., Urban, J.: Structure and temporal shift in virulence of *Pseudoperonospora cubensis* populations in Czech Republic. Plant Pathology 62, 2013, 336-345. (DOI: 10.1111/j.1365-3059.2012.02642.x)
970. Piterková, J., Luhová, L., Mieslerová, B., Lebeda, A., Petřivalský, M.: Nitric oxide and reactive oxygen species regulate the accumulation of heat shock proteins in tomato leaves in response to heat shock and pathogen infection. Plant Science 207, 2013, 57-65.
971. Bartoš, P., Lebeda, A.: Obituary Notice. Dr Jens Jürgen Nielsen (1927-2013). Plant Protection Science 49, 2013, 104.
972. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Korbelová, P., Jemelková, M.: Prickly lettuce – enormous source of variation unexploited in lettuce breeding. In: Ortiz, R. (Ed.): Pre-breeding – fishing in the gene pool. Abstracts of oral presentations and posters of the European Plant Genetic Resources Conference, 2013. NordGen, SLU, Alnarp, Sweden, p. 87.
973. Křístková, E., Lebeda, A., Kitner, M., Jemelková, M., Doležalová, I., Beharav, A.: Natural interspecific hybrids in the genus *Lactuca* fished in nature and germplasm collections. In: Ortiz, R. (Ed.): Pre-breeding – fishing in the gene pool. Abstracts of oral presentations and posters of the European Plant Genetic Resources Conference, 2013. NordGen, SLU, Alnarp, Sweden, p. 133.
974. Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, 128 pp. (ISBN 978-80-903545-1-7)
975. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Wild *Lactuca* species, their genetic diversity, resistance to diseases and pests, and exploitation in lettuce breeding. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, pp. 39. (ISBN 978-80-903545-1-7)
976. Lebeda, A., Mieslerová, B., Petřivalský, M., Luhová, L., Špundová, M., Sedlářová, M., Nožková-Hlaváčková, V., Pink, D.A.C.: Resistance mechanisms of wild tomato germplasm to infection of *Oidium neolyopersici*. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International

- Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, pp. 40-41. (ISBN 978-80-903545-1-7)
977. Jemelková, M., Kitner, M., Lebeda, A., Sahajová, E., Křístková, E., Beharav, A.: Genetic variability of *Lactuca aculeata* germplasm expressed by AFLP and SSR markers, and by resistance variation against *Bremia lactucae*. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, pp. 91-92. (ISBN 978-80-903545-1-7)
978. Kubienová, L., Sedlářová, M., Wünschová, A., Piterková, J., Luhová, L., Mieslerová, B., Lebeda, A., Navrátil, M., Petřivalský, M.: Effect of extreme temperatures on powdery mildew development and Hsp70 induction in tomato and wild *Solanum* spp. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, p. 95. (ISBN 978-80-903545-1-7)
979. Lebeda, A., Petrželová, I., Křístková, E., Kitner, M., Jemelková, M., Sedláková, B.: Complex research of structure, variation and spatio-temporal dynamics in wild plant pathosystem *Lactuca* spp. – *Bremia lactucae*. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, pp. 96-99. (ISBN 978-80-903545-1-7)
980. Mieslerová, B., Lebeda, A., Petrželová, I., Korbelová, P.: Occurrence of lettuce downy mildews (*Bremia lactucae*) and powdery mildew (*Golovinomyces cichoracearum*) in natural populations of prickly lettuce (*Lactuca serriola*). In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, pp. 101. (ISBN 978-80-903545-1-7)
981. Sedláková, B., Lebeda, A., Křístková, E., Vajdová, M.: Natural occurrence of *Ampelomyces quisqualis* in mycelia of cucurbit powdery mildew species in the Czech Republic. In: Lebeda, A., Burdon, J.J. (Ed.): Wild Plant Pathosystems. Programme and Proceedings of Abstracts, 1st International Conference. Czech Society for Plant Pathology and Palacký University, Olomouc (Czech Republic), 2013, p. 107. (ISBN 978-80-903545-1-7)
982. Lebeda, A., Mieslerová, B., Petrželová, I., Korbelová, P.: Host specificity and virulence variation in populations of lettuce powdery mildew pathogen (*Golovinomyces cichoracearum* s. str.) from prickly lettuce (*Lactuca serriola*). Mycological Progress 12, 2013, 533-545. (DOI 10.1007/s11557-012-0860-8)
983. Petrželová, I., Lebeda, A., Kosman, E.: Distribution, disease level and virulence variation of *Bremia lactucae* on *Lactuca sativa* in the Czech

- Republic in the period 1999-2011. *Journal of Phytopathology* 161, 2013, 503-514. (doi: 10.1111/jph.12098)
984. Lebeda, A., Sedláková, B., Pavelková, J., Kitner, M.: Changes in the host range and virulence variation of *Pseudoperonospora cubensis* populations in the Czech Republic. *Acta Phytopathologica Sinica*, 43 (Suppl.), 2013, 18-19.
985. Lebeda, A., Sedláková, B., Pavelková, J.: Temporal changes in fungicide resistance in Czech populations of *Pseudoperonospora cubensis*. *Acta Phytopathologica Sinica*, 43 (Suppl.), 2013, 570.
986. Lebeda, A., Křístková, E., Dobešová, Z., Cigánek, D.: Průvodce Botanickou zahradou Přírodovědecké fakulty Univerzity Palackého v Olomouci (Guide to Botanical Garden of Faculty of Science of Palacký University in Olomouc.). Univerzita Palackého v Olomouci, 2013, 28 pp. (ISBN 978-80-244-3618-0)
987. Lebeda, A., Křístková, E., Kitner, M., Jemelková, M., Sedláková, B., Petrželová, I.: Comprehensive view on the ecology, structure, variation and microevolution in the wild plant pathosystem *Lactuca* spp. – *Bremia lactucae* (P83). In: Austin, A.T., Ballaré, C.L. (Eds.): Programme, abstracts and participants. 32<sup>nd</sup> New Phytologist Symposium „Plant interactions with other organisms: molecules, ecology and evolution“, 20-22 November 2013, Universidad Católica Argentina, Buenos Aires, Argentina, pp. 88.
988. Lebeda, A., Burdon, J.J. (Eds.): Wild Plant Pathosystems. *Plant Protection Science*, Special Issue 49, 2013, pp. S1-S54.
989. Lebeda, A., Burdon, J.J.: Wild Plant Pathosystems, 1st International Conference on Interactions between Wild and Weedy Growing Plants and Their Pathogens. In: Lebeda, A., Burdon, J.J. (Eds.): Wild Plant Pathosystems. *Plant Protection Science*, Special Issue 49, 2013, S1-S2.
990. Mieslerová, B., Lebeda, A., Petrželová, I., Korbelová, P.: Occurrence of lettuce downy mildew (*Bremia lactucae*) and powdery mildew (*Golovinomyces cichoracearum*) in natural populations of prickly lettuce (*Lactuca serriola*). In: Lebeda, A., Burdon, J.J. (Eds.): Wild Plant Pathosystems. *Plant Protection Science*, Special Issue 49, 2013, S24-S32.
991. Kubienová, L., Sedlářová, M., Wünschová, A., Piterková, J., Luhová, L., Mieslerová, B., Lebeda, A., Navrátil, M., Petřivalský, M.: Effect of extreme temperatures on powdery mildew development and Hsp70 induction in tomato and wild *Solanum* spp. In: Lebeda, A., Burdon, J.J. (Eds.): Wild Plant Pathosystems. *Plant Protection Science*, Special Issue 49, 2013, S41-S54.
992. Lebeda, A.: Smržice ve světové soutěži Communities in Bloom 2012. Cesta obce Smržice k účasti ve světové soutěži Communities in Bloom 2012 (Kvetoucí sídla 2012) (Smržice in the world competition Communities in Bloom 2012; The route of Smržice village to participation in the world competition Communities in Bloom 2012). Tiskárna Jola, v.o.s., Kostelec na Hané a Smržice 2013, 52 pp. (ISBN 978-80-86636-40-5)

993. Sedlářová, M., Petřivalský, M., Kubienová, L., Trojanová, Z., Luhová, L., Mieslerová, B., Lebeda, A.: Role NO v patogenezi biotrofních mikromycetů (Role of nitric oxide in the pathogenesis of biotrophic micromycetes). *Mykologické listy* 125, 2013, 29.
994. Sedláková, B., Lebeda, A., Křístková, E., Vajdová, M., Jeřábková, H., Grycová, K., Paulík, R.: Výsledky dlouhodobého studia populační dynamiky padlí tykvovitých v ČR (Results of a long-term study of population dynamics of cucurbit powdery mildew in the Czech Republic). *Mykologické listy* 125, 2013, 35.
995. Trojanová, Z., Sedlářová, M., Bartůšek, T., Stojaspal, K., Lebeda, A.: Studium populace *Plasmopara halstedii* na území ČR v letech 2007-2013, rozšíření a variabilita (Study of the *Plasmopara halstedii* population in the Czech Republic during 2007-2013, distribution and variability). *Mykologické listy* 125, 2013, 36.
996. Jemelková, M., Kitner,., Lebeda, A., Sahajová, E., Křístková, E., Beharav, A.: Studium genetické variability populací *Lactuca aculeata* s využitím AFLP a SSR markerů a testování rezistence vůči plísni salátové (*Bremia lactucae*) (Genetic variability of *Lactuca aculeata* germplasm expressed by AFLP and SSR markers, and by resistance variation against *Bremia lactucae*). *Mykologické listy* 125, 2013, 46.
997. Mieslerová, B., Sedlářová, M., Dvořáková, J., Lebeda, A.: Výskyt nových druhů padlí nebo prvně popsanych nálezů padlí na okrasných rostlinách v České republice (Occurrence of new powdery mildew species and powdery mildews first described on ornamental plants in the Czech Republic). *Mykologické listy* 125, 2013, 52.
998. Sedláková, B., Lebeda, A., Křístková, E., Vajdová, M.: Výsledky dlouhodobého studia výskytu hyperparasitické houby *Ampelomyces quisqualis* na padlí tykvovitých v České republice (Results of a long-term study of the occurrence of the hyperparasitic fungus *Ampelomyces quisqualis* on cucurbit powdery mildew species in the Czech Republic). *Mykologické listy* 125, 2013, 65.
999. Trojanová, Z., Doudová, T., Sedlářová, M., Lebeda, A.: Příprava a kultivace monozygotických izolátů *Plasmopara halstedii* (Preparation and cultivation of *Plasmopara halstedii* monozygote isolates). *Mykologické listy* 125, 2013, 67.
1000. Lebeda, A., Burdon, J.J., Thrall, P., Jeger, M.J. (Eds.): "Wild Plant Pathosystems". *European Journal of Plant Pathology*, Special Issue: Wild Plant Pathosystems 138, 2014, pp. 415-678. (ISSN 0929-1873)
1001. Lebeda, A., Burdon, J.J., Thrall, P., Jeger, M.J.: Foreword "Wild Plant Pathosystems". *European Journal of Plant Pathology*, Special Issue: Wild Plant Pathosystems 138, 2014, 415. (DOI: 10.1007/s10658-013-0308-2)
1002. Lebeda, A., Mieslerová, B., Petřivalský, M., Luhová, L., Špundová, M., Sedlářová, M., Nožková-Hlaváčková, V., Pink, D.A.C.: Resistance mechanisms of wild tomato germplasm to infection of *Oidium neolycopersici*. *European Journal of Plant Pathology*, Special Issue: Wild

- Plant Pathosystems 138, 2014, 569-596. (DOI: 10.1007/s10658-013-0307-3)
1003. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Wild *Lactuca* species, their genetic diversity, resistance to diseases and pests, and exploitation in lettuce breeding. European Journal of Plant Pathology, Special Issue: Wild Plant Pathosystems 138, 2014, 597-640. (DOI: 10.1007/s10658-013-0254-z)
1004. Pavelková, J., Lebeda, A., Sedláková, B.: Efficacy of fosetyl-AL, propamocarb, dimethomorph, cymoxanil, metalaxyl and metalaxyl-M in Czech *Pseudoperonospora cubensis* populations during the years 2005 through 2010. Crop Protection 60, 2014, 9-19.
1005. Lebeda, A.: (Václav Kůdela, Petr Ackermann, Ilja Tom Prášil, Jaroslav Rod, Karel Veverka: Abiotikózy rostlin: poruchy, poškození a poranění (Abioticoses: injuries, disorders and wounds of plant). Academia, Praha, 2013, 566 pp.). Živa 62(100), č. 2, 2014, p. XLI. (Recenze - Book Review)
1006. Křístková, E., Lebeda, A., Novotná, A., Doležalová, I., Berka, T.: Morphological variation of *Lactuca serriola* L. achenes as a function of their geographic origin. Acta Botanica Croatica 73, 2014, 1-19.
1007. Polat, I., Baysal, Ö., Mercati, F., Kitner, M., Cohen, Y., Lebeda, A., Carimi, F.: Characterization of *Pseudoperonospora cubensis* isolates from Europe and Asia using ISSR and SRAP molecular markers. European Journal of Plant Pathology 139, 2014, 641-653.
1008. Lebeda, A., Kroftová, V., Kůdela, A., Braunová, V.: Fifty-years anniversary of Plant Protection Science. Plant Protection Science 50, 2014, 53-63.
1009. Lebeda, A.: Přírodní poměry a historie smržického Vývozu. Pěší naučná a poutní stezka Smržice, obecná východiska a koncepce (Natural conditions and history of Vývoz in Smržice. General interest walking and pilgrimage route Smržice, general aspects and conception). Tiskárna Jola, v.o.s., Kostelec na Hané a Smržice 2014, 56 pp. (ISBN 978-80-86636-43-6)
1010. Křístková, E., Lebeda, A., Kitner, M., Doležalová, I., Mieslerová, B., Petrželová, I., Beharav, A.: Wild *Lactuca saligna* richness for lettuce breeding. In: Dias, S., Dulloo, E., Maxted, N., Kell, S., Thörn, E., Smith, L., Preston, J., Hutchinson, S. (Eds.): International Conference on ENHANCED GENEPOOL UTILIZATION – Capturing wild relative and landrace diversity for crop improvement, Cambridge, United Kingdom, 16-20 June 2014. Book of Abstracts. Bioversity International, Rome, Italy, p. 51. (ISBN 978-92-90439-95-0)
1011. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M.: Wild *Lactuca serriola* richness for lettuce breeding. In: Dias, S., Dulloo, E., Maxted, N., Kell, S., Thörn, E., Smith, L., Preston, J., Hutchinson, S. (Eds.): International Conference on ENHANCED GENEPOOL UTILIZATION – Capturing wild relative and landrace diversity for crop improvement, Cambridge, United Kingdom, 16-20 June 2014. Book of Abstracts. Bioversity International, Rome, Italy, p. 132. (ISBN 978-92-90439-95-0)



1012. Lebeda, A.: František Jakubec – rolník, spolkový činitel, národohospodář, starosta a politik, vlastenec (František Jakubec – farmer, associations functionary, manager and economist, mayor and politician, national patriot). Tiskárna Jola, v.o.s., Kostelec na Hané a Smržice 2014, 60 pp. (ISBN 978-80-86636-44-3)
1013. Lebeda, A.: Smržice a komunální volby 2014; politická podstata a principy, úskalí, zájem a odpovědnost občanů za rozvoj obce. Tiskárna Jola, v.o.s., Kostelec na Hané a Smržice 2014, 26 pp. (ISBN 978-80-86636-46-7)
1014. Lebeda, A., Kitner, M., Sedláková, B., Sharma, R., Runge, F., Thines, M.: Biological and molecular evidences about changes in the host range and virulence of *Pseudoperonospora cubensis* populations in the Czech Republic, pp. 24-27. In: Havey, M., Weng, Y., Day, B., Grumet, R. (Eds.): Cucurbitaceae 2014 Proceedings. Bay Harbor, Michigan, USA, October 12-16, 2014, Michigan State University and University of Wisconsin-Madison, USA. American Society for Horticultural Science, Alexandria, VA, USA (ISBN 978-0-9830932-2-0)
1015. Sedláková, B., Lebeda, A., Gryczová, K., Křístková, E.: Virulence structure (pathotypes, races) of cucurbit powdery mildew populations in the Czech Republic in the years 2010 – 2012, pp. 28-31. In: Havey, M., Weng, Y., Day, B., Grumet, R. (Eds.): Cucurbitaceae 2014 Proceedings. Bay Harbor, Michigan, USA, October 12-16, 2014, Michigan State University and University of Wisconsin-Madison, USA. American Society for Horticultural Science, Alexandria, VA, USA (ISBN 978-0-9830932-2-0)
1016. Sedláková, B., Lebeda, A., Křístková, E., Gryczová, K.: Virulence variation in cucurbit powdery mildew populations in the Czech Republic. In: Book of Abstracts of the 11th Conference of the European Foundation for Plant Pathology „Healthy Plants – Healthy People“, Krakow (Poland), September 8-13th, 2014. Publishing House of the University of Agriculture in Krakow, Kraków (Poland), 2014, p. 45.
1017. Sedláková, B., Lebeda, A., Paulík, R., Jeřábková, H.: Fungicide resistance screening in Czech cucurbit powdery mildew populations. In: Book of Abstracts of the 11th Conference of the European Foundation for Plant Pathology „Healthy Plants – Healthy People“, Krakow (Poland), September 8-13th, 2014. Publishing House of the University of Agriculture in Krakow, Kraków (Poland), 2014, p. 296.
1018. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Resistance of wild *Lactuca* genetic resources to diseases and pests, and their exploitation in lettuce breeding, p. 255 (IHC2014 ABSTRACT00626). In: Program Book ([www.ihc2014.org](http://www.ihc2014.org)), Sustaining Lives, Livelihoods and Landscapes; The 29th International Horticultural Congress, 17-22, 2014, Brisbane Convention & Exhibition Centre, Brisbane, Queensland, Australia.
1019. Petrželová, I., Kitner, M., Doležalová, I., Ondřej, V., Lebeda, A.: First report of basil downy mildew caused by *Peronospora belbahrii* in the Czech Republic. Plant Disease 99, 2015, 418.

1020. Lebeda, A.: Vzpomínky a úvahy o Sametové revoluci v roce 1989 v Prostějově a ve Smržicích – počátky demokratizace naší společnosti a jejich reminiscence (Memoirs and essays on the Velvet revolution of 1989 in Preostějov and Smržice – the beginnings of democratization in our society and reminiscences on these changes). Tiskárna Jola, v.o.s., Kostelec na Hané a Smržice 2015, 102 pp. (ISBN 978-80-86636-49-8)
1021. Lebeda, A.: (Miloš Michlovský: Bobule. Vinselekt Michlovský, Rakvice, 2014, 229 pp.). Vinařský obzor 108/3, 2015, p. 163. (Recenze - Book Review)
1022. Lebeda, A.: (Miloš Michlovský: Bobule. Vinselekt Michlovský, Rakvice, 2014, 229 pp.). Živa 63 (101), č. 2, 2015, pp. XLII-XLIII. (Recenze - Book Review)
1023. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Resistance of wild *Lactuca* germplasm to diseases and pests, and their exploitation in lettuce breeding. In: Širca, S., Stare, G.B., Razinger, J. (Eds.): Book of Abstracts. Conference „Plant Health for Sustainable Agriculture“, Ljubljana, Slovenia, 11.-12.5.2015. Published by Agricultural Institute of Slovenia, Ljubljana, Slovenia, p. 28, 2015. (Abstract) (ISBN 978-961-6505-72-7)
1024. Křístková, E., Lebeda, A., Kitner, M., Doležalová, I., Mieslerová, B., Petrželová, I., Beharav., A.: Wild *Lactuca saligna* richness for lettuce breeding. In: Širca, S., Stare, G.B., Razinger, J. (Eds.): Book of Abstracts. Conference „Plant Health for Sustainable Agriculture“, Ljubljana, Slovenia, 11.-12.5.2015. Published by Agricultural Institute of Slovenia, Ljubljana, Slovenia, p. 90, 2015. (Abstract) (ISBN 978-961-6505-72-7)
1025. Lebeda, A., Mieslerová, B., Jankovics, T., Kiss, L., van der Linde, E.J.: First detection of tomato powdery mildew caused by *Oidium neolycopersici* in South Africa. South African Journal of Botany 99, 2015, 153-157.
1026. Lebeda, A.: (Miloš Michlovský: Příprava červených vín. Vinselekt Michlovský, Rakvice, 2015, 329 pp.). Vinařský obzor 108/5, 2015, s. 272-273. (Recenze - Book Review)
1027. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Coffey, M.D.: Approach for determination and denomination of cucurbit powdery mildew races. In: Gómez Guillamón, M.L., Alfocea, F.P. (Eds.): Cucurbits 2015, V ISHS International Symposium, Programme and Book of Abstracts, 2015, Cartagena, Spain, p. 56. ISHS, 2015.
1028. Lebeda, A., Křístková, E., Sedláková, B., Štěpánková, J., Widrechner, M.P.: Race-specificity in interactions between *Cucumis melo* germplasm and *Pseudoperonospora cubensis*. In: Gómez Guillamón, M.L., Alfocea, F.P. (Eds.): Cucurbits 2015, V ISHS International Symposium, Programme and Book of Abstracts, 2015, Cartagena, Spain, p. 114. ISHS, 2015.
1029. Lobin, K.K., Svoboda, J., Lebeda, A., Dhooky, D.Y., Benimadhu, S.P.: *Cucumber mosaic virus* causal pathogen of oily spots on cucumber cv. „Locale“ fruits in Mauritius. Plant Protection Science 51, 2015, 123-126.

1030. Jemelková, M., Kitner, M., Křístková, E., Beharav, A., Lebeda, A.: Biodiversity of *Lactuca aculeata* germplasm assessed by SSR and AFLP markers, and resistance variation to *Bremia lactucae*. *Biochemical Systematics and Ecology* 61, 2015, 344-356.
1031. Cohen, Y., Van den Langenberg, K.M., Wehner, T.C., Ojiambo, P., Hausbeck, M., Quesada, L., Lebeda, A., Sierotzki, H., Gisi, U.: Resurgence of *Pseudoperonospora cubensis*: The causal agent of cucurbit downy mildew. *Phytopathology* 105, 2015, 998-1012. (doi: 10.1094/PHYTO-11-14-0334-FI)
1032. Kitner, M., Majeský, L., Křístková, E., Jemelková, M., Lebeda, A., Beharav, A.: Genetic structure and diversity in natural populations of three predominantly self-pollinating wild *Lactuca* species in Israel. *Genetic Resources and Crop Evolution* 62, 2015, 991-1008. (DOI: 10.1007/s10722-014-0203-5)
1033. Lebeda, A.: (Miloš Michlovský: Encyklopedie degustace vína. Vinselkt Michlovský, Rakvice, 2015, 235 pp.). *Vinařský obzor* 108/9, 2015, s. 468-469. (Recenze - Book Review)
1034. Kitner, M., Lebeda, A., Sharma, R., Runge, F., Dvořák, P., Tahir, A., Choi, Y.-J., Sedláková, B., Thines, M.: Coincidence of virulence shifts and population genetic changes of *Pseudoperonospora cubensis* in the Czech Republic. *Plant Pathology* 64, 2015, 1461-1470. (Doi: 10.1111/ppa.12370)
1035. Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, 160 pp. (ISBN 978-80-86636-50-4)
1036. Lebeda, A.: Úvod (Introduction). In: Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, pp. 9-12. (ISBN 978-80-86636-50-4)
1037. Lebeda, A.: Smržice – místo narození a dětství Jakuba Kresy (geografický, přírodní a historicko-společenský rámeček) (Smržice – place of birthing and childhood of Jakub Kresa (geographical, natural and historical-social viewpoint)). In: Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, pp. 21-40. (ISBN 978-80-86636-50-4)
1038. Lebeda, A.: Jakub Kresa a jeho životní pouť (Jakub Kresa and his lifespan). In: Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, pp. 41-66. (ISBN 978-80-86636-50-4)

1039. Lebeda, A.: Závěr (Conclusions). In: Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, pp. 149-151. (ISBN 978-80-86636-50-4)
1040. Lebeda, A.: Summary. Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century. In: Lebeda, A. (Ed.): Jakub Kresa. Život a dílo významného českého matematika 17. století (Jakub Kresa – Life and achievements of a famous Czech mathematician of 17th century). Vydala Tiskárna Jola, v.o.s., Kostelec na Hané pro Obec Smržice 2015, pp. 153-154. (ISBN 978-80-86636-50-4)
1041. Lebeda, A., Kroftová, V., Kúdela, V., Braunová, M.: Fifty-year anniversary of Plant Protection Science. Sborník abstraktů z Česko-Slovenské konference ochrany rostlin, Praha, 1.-3. září 2015, Abstrakt, p. 8.
1042. Lebeda, A., Sedláková, B., Doudová, T., Pavelková, J., Urban, J. (2015). Long-lasting study of fungicide efficacy against cucurbit downy mildews in the Czech Republic. Sborník abstraktů z XX. české a slovenské konference ochrany rostlin, Praha, 1.-3. září 2015, Abstrakt, p. 59.
1043. Lebeda, A., Sedláková, B., Jeřábková, H., Paulík, R., Šrajber, M.: Long-lasting study of fungicide efficacy against cucurbit powdery mildews in the Czech Republic. Sborník abstraktů z Česko-Slovenské konference ochrany rostlin, Praha, 1.-3. září 2015, Abstrakt, p. 60.
1044. Mieslerová, B., Lebeda, A., Filová, D.: Development of lettuce powdery mildew (*Golovinomyces cichoracearum*) on differential set of *Lactuca* spp. Sborník abstraktů z Česko-Slovenské konference ochrany rostlin, Praha, 1.-3. září 2015, Abstrakt, p. 62.
1045. Pospíchalová, R., Sedlářová, M., Trojanová, Z., Bartůšek, T., Lebeda, A.: Patogenní variabilita plísně slunečnice a výskyt *Plasmopara halstedii* viru na území České republiky (Pathogenic variability of sunflower downy mildew and occurrence of *Plasmopara halstedii* virus in Czech Republic). Sborník abstraktů z Česko-Slovenské konference ochrany rostlin, Praha, 1.-3. září 2015, Abstrakt, p. 74.
1046. Mieslerová, B., Sedlářová, M., Lebeda, A.: Praktické využití hub a houbám podobných organismů v potravinářství, zemědělství, lékařství a průmyslu (Practical utilization of fungi and fungi-like organisms in food industry, agriculture, medicine and industry). Univerzita Palackého v Olomouci, Olomouc, 2015, 175 pp. (ISBN 978-80-244-4703-2)
1047. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Resistance of wild *Lactuca* genetic resources to diseases and pests, and their exploitation in lettuce breeding. Acta Horticulturae 1101, 2015, 133-139.
1048. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M., Pink, D.A.C.: Wild Plant Germplasm and their Exploitation in Genetic Improvement for Organic Horticulture: A Case Study of Wild Lettuce (*Lactuca* spp.) as a Sources of Resistance to Diseases and Pests;

- Keynote/Invited Speaker 10, p. 43. In: Sangrudtanakul, Ch., Duangsi, R., Krongyut, W. (Eds.): Book of Abstracts. International Symposium on Quality Management of Organic Horticultural Produce (QMOH2015) in conjunction with International Conference of Sustainability of Organic Agriculture (SOA2015), December 7-9, 2015, Sunee Grand Hotel and Convention Center, Ubon Ratchathani, Thailand. Publisher by Faculty of Agriculture, Ubon Ratchathani Rajabhat University, Ubon Ratchathani, Thailand (Abstract).
1049. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Coffey, M.D.: Cucurbit powdery mildews: methodology for objective determination and denomination of races. *European Journal of Plant Pathology* 144, 2016, 399-410. (DOI 10.1007/s10658-015-0776-7)
1050. Lebeda, A., Křístková, E., Štěpánková, J., Sedláková, B., Widrechner, M.P.: Response of *Cucumis melo* accessions to isolates of *Pseudoperonospora cubensis* with different levels of virulence. *Scientia Horticulturae* 200, 2016, 45-54. (doi 10.1016/j.scienta.2015.09.028)
1051. Sedlářová, M., Kubienová, L., Drábková-Trojanová, Z., Luhová, L., Lebeda, A., Petřivalský, M.: The role of nitric oxide in development and pathogenesis of biotrophic phytopathogens – downy and powdery mildews. In: Wendehenne, D. (Ed.): *Nitric Oxide and Signaling in Plants*. Academic Press. *Advances in Botanical Research* 77, 2016, 263-283. (ISBN 9780 1280 10747)
1052. Lebeda, A., Mieslerová, B., Petřivalský, M., Luhová, L., Špundová, M., Sedlářová, M., Nožková-Hlaváčková, V., Pink, D.A.C.: Tomato powdery mildew – challenging problem for researchers, breeders and growers. In: *ISHS Abstract Book, 14th ISHS Symposium on the Processing Tomato, 6-9 March 2016, Santiago de Chile, Chile*, pp. 33-34. (Abstract)
1053. Sedláková, B., Lebeda, A., Paulík, R., Šrajbr, M., Jeřábková, H.: Long-lasting study of fungicide efficacy against Czech cucurbit powdery mildew populations. In: *Proceedings of Abstracts from 18th International Reinhardtsbrunn Symposium on Modern Fungicides and Antifungal Compounds, Friedrichroda – Germany, April 24 – 28, 2016*. p. 109.
1054. Lebeda, A.; Sedláková, B.; Pavelková, J.; Doudová, T.; Urban, J.: Long-lasting study of fungicide efficacy against Czech cucurbit downy mildew populations. In: *Proceedings of Abstracts from 18th International Reinhardtsbrunn Symposium on Modern Fungicides and Antifungal Compounds, Friedrichroda – Germany, April 24 – 28, 2016*. p. 110.
1055. Lebeda, A.: (Miloš Michlovský: *Technologie šampaňského*. Vinselekt Michlovský a.s., Rakvice, 2016, 304 pp.). *Vinařský obzor* 109/6, 2016, 327-328. (Recenze - Book Review)
1056. Sedlářová, M., Pospíchalová, R., Drábková Trojanová, Z., Bartůšek, T., Slobodianová, L., Lebeda, A.: First report of *Plasmopara halstedii* new races 705 and 715 on sunflower from the Czech Republic. *Plant Protection Science* 52, 2016, 182-187.

1057. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B. and Pink, D.A.: Wild *Lactuca saligna*: a rich source of variation for lettuce breeding. In: Maxted, N., Ehsan Dulloo, M. and Ford-Lloyd, B.V. (Eds.): Enhancing Crop Gene Pool Use: Capturing Wild Relative and Landrace Diversity for Crop Improvement. CAB International, Wallingford, UK, 2016, pp. 32-46. (ISBN-13: 978-1-78064-613-8)
1058. Parra, L., Maisonneuve, B., Lebeda, A., Schut, J., Christopoulou, M., Jeuken, M., McHale, L., Truco, M.-J., Crute, I., Michelmore, R.: Rationalization of genes for resistance to *Bremia lactucae* in lettuce. *Euphytica* 210, 2016, 309-326. (DOI 10.1007/s10681-016-1687-1)
1059. Pirondi, A., Kitner, M., Iotti, M., Sedláková, B., Lebeda, A., Collina, M.: Genetic structure and phylogeny of Italian and Czech populations of the cucurbit powdery mildew fungus *Golovinomyces orontii* inferred by multilocus sequence typing. *Plant Pathology* 65, 2016, 959-967. (Doi: 10.1111/ppa.12480)
1060. Lebeda, A., Křístková, E., Štěpánková, J., Sedláková, B., Roháčková, J., Paris, H.S., Widrlechner, M.P.: Interactions between *Cucumis melo* and *Cucurbita* spp. accessions and *Pseudoperonospora cubensis* are race (pathotype-) specific. In: Kozik, E.U., Paris, H.S. (Eds.): Proceedings of Cucurbitaceae 2016, *The XIth Eucarpia Meeting on Cucurbit Genetics & Breeding*, July 24-28, 2016, Warsaw, Poland, pp. 123-127. Wydawnictwo SIGMA Sp. J., Skierniewice, Poland (ISBN 978-83-7987-896-3).
1061. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D.: Initiative for international cooperation of researchers and breeders related to determination and denomination of cucurbit powdery mildew races. In: Kozik, E.U., Paris, H.S. (Eds.): Proceedings of Cucurbitaceae 2016, *The XIth Eucarpia Meeting on Cucurbit Genetics & Breeding*, July 24-28, 2016, Warsaw, Poland, pp. 148-152. Wydawnictwo SIGMA Sp. J., Skierniewice, Poland (ISBN 978-83-7987-896-3).
1062. Sedláková, B., Rušáková, E., Křístková, E., Lebeda, A.: Long-lasting (2001 to 2009) variation in virulence among Czech cucurbit powdery mildew populations screened on eleven *Cucumis melo* differential genotypes. In: Kozik, E.U., Paris, H.S. (Eds.): Proceedings of Cucurbitaceae 2016, *The XIth Eucarpia Meeting on Cucurbit Genetics & Breeding*, July 24-28, 2016, Warsaw, Poland, pp. 268-271. Wydawnictwo SIGMA Sp. J., Skierniewice, Poland (ISBN 978-83-7987-896-3).
1063. Lebeda, A., Mieslerová, B., Petrželová, I., Křístková, E.: Interactions between wild *Lactuca* species and *Golovinomyces cichoracearum* – complex view. 2nd Conference Wild Plant Pathosystems 2016, Helsinki, Finland 29-31 August 2016, Book of Abstracts, pp. 33. (abstract)
1064. Lebeda, A.: (Václav Kůdela: Profese rostlinolékaře. Uvedení do studia rostlinolékařství. (Plant Health Science and Management Profession. Introduction in Plant Health and Management). Česká společnost rostlinolékařská, Praha, 2016, 269 pp.). *Plant Protection Science* 52, 2016, 283-284. (Recenze - Book Review)

1065. Lebeda, A., Křístková, E., Sedláková, B., Kitner, M., Widrlechner, M.P.: Status of research, breeding and protection of cucurbits in relation to cucurbit downy mildew: their limits and perspectives. In: Kalaitzis, P., Manganaris, G. (Eds.): III. International Symposium on Horticulture in Europe (SHE2016). Programme and Book of Abstracts. Chania, Greece, 17-21 October, 2016. Conference Centre Bureau of Mediterranean Agronomic Institute of Chania-MAICh, Chania, Crete, Greece, pp. 72-73.
1066. Lebeda, A., Křístková, E., Roháčková, J., Sedláková, B., Widrlechner, M.P., Paris, H.S.: Race-specific resistance of *Cucurbita* germplasm to *Pseudoperonospora cubensis*. *Euphytica* 212, 2016, 145-156.
1067. Lebeda, A., Křístková, E., Kitner, M., Mieslerová, B., Jemelková, M.: Wild plant germplasms and their exploitation in breeding for human health: A case study of wild lettuces (*Lactuca* spp.). In: Plants, Cultures and Healthy Communities; 13th International People Plant Symposium, November 10-12, 2016, Kolping Institute, Montevideo, Uruguay. Facultad de Agronomía, Universidad de la República Uruguay, Montevideo, Uruguay and ISHS, 2016, p. 19 (Book of Abstracts).
1068. Doležalová, I., Lebeda, A. Czech collections of leafy vegetables focusing on wild *Lactuca* spp. 18<sup>th</sup> Annual Meeting of Research Centre for Plant Growth and Development, November 17-18, 2016, Pietermaritzburg, South Africa. Book of Abstracts, p. 16. Oral presentation.
1069. Mieslerová, B., Sedlářová, M., Lebeda, A.: Houby a houbám podobné organismy v biotechnologiích (Fungi and fungi-like organisms in biotechnology). Vydavatelství Univerzity Palackého v Olomouci, Olomouc, 2016, 200 pp. (ISBN 978-80-244-4983-8)
1070. Brücková, K., Sytar, O., Živčák, M., Brestič, M., Lebeda, A.: The effect of growth conditions on flavonols and anthocyanins accumulation in green and red lettuce. *Journal of Central European Agriculture* 17, 2016, 986-997.
1071. Trojanová, Z., Sedlářová, M., Gulya, T.J., Lebeda, A.: Methodology of virulence screening and race characterization of *Plasmopara halstedii*, and resistance evaluation in sunflower – a review. *Plant Pathology* 66, 2017, 171-185. (Doi: 10.1111/ppa.12593)
1072. Lebeda, A., Mieslerová, B., Huszár, J., Sedláková, B.: Padlí kulturních a planě rostoucích rostlin. Taxonomie, biologie, ekologie a epidemiologie, mechanismy rezistence, šlechtění na odolnost, metody experimentální práce, diagnostika a ochrana rostlin (Powdery mildews of crop and wild plants. Taxonomy, biology, ecology and epidemiology, mechanisms of resistance, breeding for resistance, methods of experimental work, diagnostics and plant protection). Vydavatelství Agriprint, Olomouc, 2017, 368 s. (ISBN 978-80-87091-69-2)
1073. Sedláková, B., Lebeda, A., Paulík, R., Šrajber, M., Jeřábková, H.: Long-lasting study of fungicide efficiency against Czech cucurbit powdery mildew populations. In: Deising HB; Fraaije B; Mehl A; Oerke EC; Sierotzki H; Stammler G (Eds), "Modern Fungicides and Antifungal

Compounds", Vol. VIII, pp. 10415-116. © 2017 Deutsche Phytomedizinische Gesellschaft, Braunschweig, ISBN: 978-3-941261-15-0.

1074. Lebeda, A., Sedláková, B., Pavelková, J., Doudová, T., Urban, J.: Long-lasting study of fungicide efficiency against Czech downy mildew populations. In: Deising HB; Fraaije B; Mehl A; Oerke EC; Sierotzki H; Stammler G (Eds), "Modern Fungicides and Antifungal Compounds", Vol. VIII, pp. 10417-118. © 2017 Deutsche Phytomedizinische Gesellschaft, Braunschweig, ISBN: 978-3-941261-15-0.
1075. Lebeda, A., Křístková, E., Sedláková, B., Štěpánková, J., Widrlechner, M.P.: Race-specificity in interactions between *Cucumis melo* germplasm and *Pseudoperonospora cubensis*. *Acta Horticulturae* 1151, 2017, 203-210.
1076. Thomas, A., Carbone, I., Lebeda, A., Ojiambo, P.S.: Virulence structure within the population of *Pseudoperonospora cubensis* in the United States. *Phytopathology* 107, 2017, 777-785.
1077. Lebeda, A., Křístková, E., Kitner, M., Doležalová, I., Widrlechner, M.P.: The diversity of wild *Lactuca* germplasm in North America and its exploitation, p. 31. In: Pham, J.L., Kell, S.P. (Eds.): Crop diversification in a changing world – Mobilizing the green gold of plant genetic resources. EUCARPIA Genetic Resources Conference, Montpellier, France, 8-11 May 2017. Book of Abstracts. INRA, France.
1078. Lebeda, A., Mieslerová, B., Petřivalský, M., Luhová, L., Špundová, M., Sedlářová, M., Nožková-Hlaváčková, V., Pink, D.A.C.: Review of tomato powdery mildew – a challenging problem for researchers, breeders and growers. *Acta Horticulturae* 1159, 2017, 107-115.
1079. Kitner, M., Mieslerová, B., Petřeková, V., Lebeda, A.: First record of powdery mildew caused by *Erysiphe macleayae* on *Macleaya microcarpa* in the Czech Republic. *Plant Disease* 101, 2017, 1544-1545.
1080. Lebeda, A.: (Miloš Michlovský: Vinohradnictví. Vinselekt Michlovský a.s., Rakvice, 2017, 932 pp., ISBN 978-80-905319-8-7). *Vinařský obzor* 110/7-8, 2017, 206-208. (Recenze - Book Review)
1081. Kitner M., Lebeda A., Runge F., Sedláková B., Thines M. (2017). Microsatellite markers designed for *Pseudoperonospora cubensis* and *P. humuli* from genomic data. In: Bruce M., Giraud T. (Eds.): Population Genomics of Fungal and Oomycete Diseases of Animals and Plants, Monte Verità Conference Center, Ascona, Switzerland, 7-11 May 2017, p. 54. Book of Abstracts, ETH Zurich, Switzerland.
1082. Lebeda, A., Křístková, E., Sedláková, B., Widrlechner, M.P.: Recent advances in cucurbit downy mildew research and their contribution to the development of integrated protection of cucurbits. In: Vogler, U. (Ed.): Abstract Book, IOBC-WPRS Meeting, WG Integrated Protection in Field Vegetables, 02.-06.10.2017, BBZ Arenenberg, Switzerland. Agroscope, Wädenswil, Switzerland, 2017, pp. 51-52. (Abstract)
1083. Sedlářová, M., Pospíchalová, R., Drábková Trojanová, Z., Lebeda, A. (2017): Výskyt a rasové spektrum plísně slunečnicové v ČR (Occurrence and race



- spectrum of sunflower downy mildew). In: Baranyk, P. (Ed.): Sborník ze 34. vyhodnocovacího semináře SPZO, 22.-23.11.2017, Hluk. Vydal Svaz pěstitelů a zpracovatelů olejnin, 2017, pp. 217-221. (ISBN 978-80-87065-76-1)
1084. Drábková Trojanová, Z., Sedlářová, M., Pospíchalová, R., Lebeda, A.: Pathogenic variability of *Plasmopara halstedii* infecting sunflower in the Czech Republic. *Plant Pathology* 67, 2018, 136-144. (Doi: 10.1111/ppa.12722)
1085. Dhillon, N.P.S., Sanguansil, S., Srimat, S., Schafleitner, R., Manjunath, B., Agarwal, P., Xiang, Q., Masud, M.A.T., Myint, T., Hanh, N.T., Cuong, T.K., Balatero, C.H., Salutan-Bautista, V., Pitrat, M., Lebeda, A., McCreight, J.D.: Cucurbit powdery mildew-resistant bitter melon breeding lines reveal four races of *Podosphaera xanthii* in Asia. *HortScience* 53, 2018, 337-341.
1086. Tichá, T., Sedlářová, M., Činčalová, L., Trojanová, Z.D., Mieslerová, B., Lebeda, A., Luhová, L., Petřivalský, M.: Involvement of S-nitrosothiols modulation by S-nitrosoglutathione reductase in defence responses of lettuce and wild *Lactuca* spp. to biotrophic mildews. *Planta* 247, 2018, 1203-1215.
1087. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Kosman, E.: Virulence variation of cucurbit powdery mildews in the Czech Republic – population approach. *European Journal of Plant Pathology* 152, 2018, 309-326.
1088. Beharav, A., Hellier, B., Richardson, K.L., Lebeda, A., Kisha, T.: Genetic relationships and structured diversity of *Lactuca georgica* germplasm from Armenia and the Russian Federation among other members of *Lactuca* L., subsection *Lactuca* L., assessed by TRAP markers. *Genetic Resources and Crop Evolution* 65, 2018, 1963-1978.
1089. Jemelková, M., Kitner, M., Křístková, E., Doležalová, I., Lebeda, A.: Genetic variability and distance between *Lactuca serriola* L. populations from Sweden and Slovenia assessed by SSR and AFLP markers. *Acta Botanica Croatica* 77, 2018, 172-180.
1090. Rsaliyev, A.S., Amirkhanova, N.T., Rametov, N.M., Pahratdinova, Zh.U., Ojiambo, P.S., Lebeda, A.: *Pseudoperonospora cubensis* virulence and pathotype structure in Kazakhstan. *Plant Pathology* 67, 2018, 1924-1935. (doi: 10.1111/ppa.12890)
1091. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D., Kosman, E.: Application of a new approach for study of virulence variation in cucurbit powdery mildew populations. *Phytopathology* 108 (Supplement), 2018, 100 (Abstract).
1092. Lebeda, A., Křístková, E., Sedláková, B.: Pathotypes and races of *Pseudoperonospora cubensis* – great challenge for science and cucurbit breeding. In: Abad, G. (Ed.): *Proceedings of Phytophthora/Pythium/Downy mildews and related genera 2018, Sixth International Workshop*

- „Oomycetes in the era of Plant Health and Global Economy“, ICPP 2018, Boston, MA, USA, p. 23 (Abstract) ([http://www.isppweb.org/smc\\_10.asp](http://www.isppweb.org/smc_10.asp))
1093. Sedlářová, M., Dobešová, K., Drábková Trojanová, Z., Lebeda, A.: Rozšíření plísně slunečnice a patogenní variabilita *Plasmopara halstedii* v České republice (Distribution of sunflower downy mildew and pathogenic variability of *Plasmopara halstedii* in the Czech Republic). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 67. (Abstract)
1094. Kitner, M., Mieslerová, B., Lebeda, A.: Využití molekulárních metod při studiu fylogeneze a genetické variability populací padlí (Use of molecular methods in phylogenetic and population genetic studies of powdery mildews). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 121. (Abstract)
1095. Lebeda, A., Mieslerová, B.: Padlí – dlouho známá, ale stále málo prozkoumaná skupina fytoparazitických hub (Powdery mildews – long-known but still little explored group of phytoparasitic fungi). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 122. (Abstract)
1096. Lebeda, A., Sedláková, B., Křístková, E. 2018. Patogenní variabilita padlí a možnosti jejího studia – case study "padlí dýňovitých" (Pathogenicity variation of powdery mildews and possibilities of its study – case study "cucurbit powdery mildew"). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 123. (Abstract)
1097. Mieslerová, B., Kitner, M., Petřeková, V., Lebeda, A., Petrželová, I.: Skutečný a potenciální výskyt druhů padlí na území České republiky (Actual and potencial occurrence of powdery mildew species in the Czech Republic). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 124. (Abstract)
1098. Mieslerová, B., Lebeda, A.: Nové poznatky o taxonomie a fylogenezi padlí (New achievements in taxonomy and phylogeny of powdery mildews). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 125. (Abstract)
1099. Sedláková, B., Lebeda, A. 2018. Historie a současnost používání fungicidů vůči padlí, problematika vzniku rezistence - case study "padlí dýňovitých" (History and the present of fungicide usage against cucurbit powdery mildews, problems with fungicide resistance development – case study "cucurbit powdery mildew"). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 126. (Abstract)

1100. Tichá, T., Činčalová, L., Mieslerová, B., Piterková, J., Sedlářová, M., Luhová, L., Lebeda, A., Petřivalský, M.: Fyziologické a biochemické aspekty interakce rostlina – padlí (Physiological and biochemical aspects of plant interactions with powdery mildews). In: Šefrová, H. & Šafránková, I. (eds.): XXI. Česká a slovenská conference o ochraně rostlin. Sborník abstraktů. MENDELU v Brně, 5.-6. září 2018, p. 127. (Abstract)
1101. Lebeda, A., Křístková, E., Doležalová, I., Kitner, M., Widrlechner, M.P.: Research and exploitation of diversity of wild *Lactuca* germplasm in North America. In: Baebler, Š., Dermastia, M., Grebenc, T., Tomaz, Š., Železnik, P. (Eds.): Proceedings of 7th SLOVENIAN SYMPOSIUM ON PLANT BIOLOGY with international participation, Biotechnical Faculty, University of Ljubljana, September 17 - 18, 2018, Ljubljana, Slovenia, p. 22. (Abstract)  
DOI 10.20315/SilvaSlovenica.0009, ISBN 978-961-6993-44-9 (pdf)
1102. Křístková, E., Lebeda, A. 2018. Elevational limits of *Lactuca serriola* L. and *L. virosa* L. in Central Chile. In: Baebler, Š., Dermastia, M., Grebenc, T., Tomaz, Š., Železnik, P. (Eds.): Proceedings of 7th SLOVENIAN SYMPOSIUM ON PLANT BIOLOGY with international participation, Biotechnical Faculty, University of Ljubljana, September 17 - 18, 2018, Ljubljana, Slovenia, p. 49. (Abstract)  
DOI 10.20315/SilvaSlovenica.0009, ISBN 978-961-6993-44-9 (pdf)
1103. Lebeda, A., Sedláková, B., Křístková, E., McCreight, J.D., Kosman, E. 2018. Cucurbit powdery mildew population virulence variation – A complex view from a global perspective. In: Proceedings of Abstracts from Cucurbitaceae 2018, November 12-15, 2018, Davis, California, USA, p. 6. (Abstract)
1104. Lebeda, A., Křístková, E., Sedláková, B. 2018. Pathotypes and races of *Pseudoperonospora cubensis* – Different concepts of virulence differentiation. In: Proceedings of Abstracts from Cucurbitaceae 2018, November 12-15, 2018, Davis, California, USA, p. 7. (Abstract)
1105. Sedláková, B., Šrajbr, M., Lebeda, A. 2018. Resistance to fungicides in cucurbit powdery mildew in Europe. In: Proceedings of Abstracts from Cucurbitaceae 2018, November 12-15, 2018, Davis, California, USA, p. 8. (Abstract)
1106. Kosman, E., Dinooor, A., Kang, Z., Chen, X., Dreiseitl, A., Lebeda, A., Rashal, I., Gulyaeva, E., Ben-Yehuda, P., Manisterski, J., McCallum, B., Kolmer, J.A.: Functional variability of plant-pathogen interactions: new concept and methods for virulence data analysis. Program on paper presentation at the 15th International Cereal Rusts and Powdery Mildews Conference, Skukuza, South Africa, 23-26 September 2018. Cereal Rust Research Group, University of the Free State, Bloemfontein, South Africa, p. 10. (Abstract)
1107. Spring, O., Gomez-Zeledon, J., Hadziabdic, D., Trigiano, R.N., Thines, M., Lebeda, A.: Biological characteristics and assessment of virulence diversity in pathosystems of economically important biotrophic oomycetes.

- Critical Reviews in Plant Sciences 37(6), 2018, 439-495. (doi: 10.1080/07352689.2018.1530848)
1108. Lebeda, A., Křístková, E., Sedláková, B., McCreight, J.D.: Initiative for uniform cucurbit powdery mildew race determination and denomination: status of race differentials. *Cucurbit Genetics Cooperative* 41, 2018, 17-19.
1109. Lebeda, A.: (Miloš Michlovský: Šlechtění révy vinné na odolnost k abiotickým a biotickým faktorům. Vinselekt Michlovský a.s., Rakvice, 2018, 448 pp., ISBN 978-80-905319-9-4). *Vinařský obzor* 112/1, 2019, 48-49. (Recenze - Book Review)
1110. Nožková, V., Mieslerová, B., Luhová, L., Piterková, J., Novák, O., Špundová, M., Lebeda, A.: Effect of heat-shock pre-treatment on tomato plants infected by powdery mildew fungus. *Plant Protection Science* 55, 2019, 31-42. (doi: 10.17221/24/2018-PPS/)
1111. Doležalová, I., Sochor, M., Lebeda, A., Manning, J.C.: *Lactuca dregeana* DC. – a disappearing South African endemic with high potential for lettuce breeding. 4<sup>th</sup> annual SAAB, AMA & SASSB joint congress. 8 – 11 January 2019. Programme, Abstract: Poster presentations p. 155.
1112. Braun, U., Shin, H.D., Takamatsu, S., Meeboon, J., Kiss, L., Lebeda, A., Kitner, M., Götz, M.: Phylogeny and taxonomy of *Golovinomyces orontii* revisited. *Mycological Progress*, 18, 2019, 335-357.
1113. Lebeda, A., Kúdela, V.: Biographical Notice. RNDr. Marcela Braunová, Executive Editor of *Plant Protection Science* – retired. *Plant Protection Science* 55, 2019, 148.
1114. Lebeda, A., Křístková, E., Doležalová, I., Kitner, M., Widrlechner, M.P.: Chapter 5. Wild *Lactuca* species in North America. In.: Greene, S.L., Williams, K.A., Houry, C.K., Kantar, M.B., Marek, L.F. (Eds.): *North American Crop Wild Relatives, Volume 2*. Springer, Cham, Switzerland, 2019, pp. 131-194. (doi: 10.1007/978-3-319-97121-6\_5) (ISBN 978-3-319-97120-9)
1115. Lebeda, A., Křístková, E., Sedláková, B., Widrlechner, M.P.: Recent advances in cucurbit downy mildew research and their contribution to the development of integrated protection of cucurbits. In: Meadow, R. (Ed.) *IOBC-WPRS Bulletin*, 142, 2019, 1-4 (Extended abstract), Working Group „Integrated Protection in Field Vegetables“, *Proceedings of the Meeting at Wädenswil/Arenenberg (Switzerland)* (ISBN 978-92-9067-327-9) (V + 87 pp.)
1116. Lebeda, A., Křístková, E., Sedláková, B., Kitner, M., Widrlechner, M.P.: Status of research, breeding and protection of cucurbits in relation to cucurbit downy mildew: their limits and perspectives. *Acta Horticulturae*, 1242, 2019, 421-426.
1117. Trecate, L., Sedláková, B., Mieslerová, B., Manstretta, V., Rossi, V., Lebeda, A.: Effect of temperature on infection and development of powdery mildew on cucumber. *Plant Pathology*, 68, 2019, 1165-1178.
1118. Lebeda, A., Křístková, E., Sedláková, B.: Virulence variation of *Pseudoperonospora cubensis* on the level of pathotypes and races. In:

- Bleyaert, P., De Vis, R., Van Labeke, M.-Ch. (Eds.): 6th International Symposium on Cucurbits, 30 June – 4 July 2019, Ghent, Belgium. Program & Abstract Book; Inagro, Ghent University, Proefstation voor de Groenteteelt, ISHS, Ghent, Belgium, p. 62. (Abstract)
1119. Sedláková, B., Lebeda, A., Kaděrová, B., Křístková, E.: Disease prevalence, severity and species spectrum of cucurbit powdery mildews in the Czech Republic in the period 2011 to 2016. In: Bleyaert, P., De Vis, R., Van Labeke, M.-Ch. (Eds.): 6th International Symposium on Cucurbits, 30 June – 4 July 2019, Ghent, Belgium. Program & Abstract Book; Inagro, Ghent University, Proefstation voor de Groenteteelt, ISHS, Ghent, Belgium, p. 92. (Abstract)
1120. Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, 120 pp. (ISBN 978-80-86636-57-3)
1121. Kitner, M., Majeský, L., Křístková, E., Lebeda, A.: Genetic variability of wild *Lactuca* species germplasm. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 31-32. (Abstract) (ISBN 978-80-86636-57-3)
1122. Křístková, E., Lebeda, A.: Eco-geography and distribution of wild *Lactuca* spp. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 33-34. (Abstract) (ISBN 978-80-86636-57-3)
1123. Lebeda, A., Křístková, E., Kitner, M., Doležalová, I., Widrlechner, M.P.: Genetic resources of wild *Lactuca* spp. in North America, complex view on underestimated topic. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 38-39. (Abstract) (ISBN 978-80-86636-57-3)
1124. Lebeda, A., Mieslerová, B., Kitner, M., Křístková, E.: Lettuce powdery mildew – exciting but unknown disease of lettuce. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 40-41. (Abstract) (ISBN 978-80-86636-57-3)
1125. Lebeda, A., Petrželová, I., Runge, F.: Variation in wild plant pathosystem *Lactuca* spp. – *Bremia lactucae* and its importance for lettuce resistance breeding. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s.,

- Kostelec na Hané, Czech Republic, 2019, pp. 42-43. (Abstract) (ISBN 978-80-86636-57-3)
1126. Majeský, L., Kitner, M., Křístková, E., Lebeda, A.: Current view on phylogeny and taxonomy of the subtribe Lactucinae. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 46-47. (Abstract) (ISBN 978-80-86636-57-3)
1127. Šustar-Vozlič, J., Ugrinovič, K., Maras, M., Meglič, V., Křístková, E., Lebeda, A.: Slovene autochthonous lettuce variety „Ljubljanska ledenka“: genetic diversity and reintroduction to the market. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 60-61. (Abstract) (ISBN 978-80-86636-57-3)
1128. Drozdová, N., Křístková, E., Lebeda, A.: Biodiversity and ecogeography of wild *Lactuca* species in Hungary. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 74-75. (Abstract) (ISBN 978-80-86636-57-3)
1129. Hubrová, H., Křístková, E., Lebeda, A.: Prickly lettuce in Czech herbals from the first half of 20<sup>th</sup> century. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 79-80. (Abstract) (ISBN 978-80-86636-57-3)
1130. Kovár, M., Brestič, M., Mlynáriková-Vysoká, D., Živčák, M., Botyanszá, L., Chovanček, E., Barboričová, M., Lebeda, A.: High-throughput phenotyping of drought stress responses of lettuce genotypes using the optical imaging technique. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 82-83. (Abstract) (ISBN 978-80-86636-57-3)
1131. Křístková, E., Kitner, M., Lebeda, A., El-Esawi, M.A.: Morphological and genetic variation of lettuce from Egypt. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 84-85. (Abstract) (ISBN 978-80-86636-57-3)
1132. Živčák, M., Brestič, M., Kovár, M., Mlynáriková-Vysoká, D., Botyanszá, L., Chovanček, E., Barboričová, M., Lebeda, A.: Chlorophyll fluorescence imaging in assessment of the drought stress tolerance in lettuce parental lines. In: Lebeda, A., Křístková, E. (Eds.): Eucarpia Leafy Vegetables

- 2019, 9th International Conference on Genetics and Breeding of Leafy Vegetables. Programme and Proceedings of Abstracts. Jola, v.o.s., Kostelec na Hané, Czech Republic, 2019, pp. 101. (Abstract) (ISBN 978-80-86636-57-3)
1133. Sedlářová, M., Lebeda, A.: K devadesátým narozeninám prof. Bronislava Hlůzy (90<sup>th</sup> birthday of Bronislav Hlůza, professor emeritus at the Faculty of Education, Palacký University in Olomouc). *Mykologické listy*, 142, 2019, 22-24.
1134. Kosman, E., Chen, X., Dreiseitl, A., McCallum, B., Lebeda, A., Ben-Yehuda, P., Gulyaeva, E., Manisterski, J.: Functional variation of plant-pathogen interactions: new concept and methods for virulence data analyses. *Phytopathology* 109, 2019, 1324-1330.
1135. Sedlářová, M., Dobešová, K., Drábková Trojanová, Z., Kitner, M., Lebeda A.: *Plasmopara halstedii* – výskyt na slunečnici a vnitrodruhová variabilita. *Spravodajca Slovenskej mykologickej spoločnosti* 50 (august 2019): p. 29-30. Slovenská mykologická spoločnosť pri SAV, Bratislava, Slovenská republika. (Abstrakt) (ISSN 1335-7689)
1136. Lebeda, A., Petzelova, I., Runge, F., Thines, M.: Variation and dynamics of wild plant pathosystem *Lactuca* spp. – *Bremia lactucae*. In: Prinz, R., Thines, M. (Eds.): *Proceedings of the 3rd Wild Plant Pathosystems Conference*. 16-19 September 2019, Frankfurt an Main and Schmitten, Germany. Senckenberg World of Biodiversity, Frankfurt an Main, Germany, 2019, p. 67. (ISBN 978-1-64669-450-1)
1137. Lebeda, A., Kitner, M., Mieslerová, B., Křístková, E., Pavlíček, T.: The occurrence of *Leveillula lactucae-serriolae* on *Lactuca serriola* in Jordan. *Phytopathologia Mediterranea* 58, 2019, 359-367.
1138. Lebeda, A., Křístková, E., Kitner, M., Majeský, L., Doležalová, I., Khoury, C.K., Widrlechner, M.P., Hu, J., Carver, D., Achicanoy, H.A., Sosa, Ch.C.: Research gaps and challenges in the conservation and use of North American wild lettuce germplasm. *Crop Science* 59, 2019, 2337-2356. (doi: 10.2135/cropsci2019.05.0350)
1139. Sedlářová, M., Dobešová, K., Lebeda, A.: Plíseň slunečnice v České republice (Sunflower downy mildew in the Czech Republic). *Agromanuál* 15/5, 2020, 32-34.
1140. Sochor, M., Manning, J.C., Šarhanová, P., van Herwijnen, Z., Lebeda, A., Doležalová, I.: *Lactuca dregeana* DC. (Asteraceae: Cichorieae) – a South African crop relative under threat from hybridization and climate change. *South African Journal of Botany* 132, 2020, 146-154.
1141. Mieslerová, B., Kitner, M., Křístková, E., Majeský, L., Lebeda, A.: Powdery mildews on *Lactuca* species – a complex view of host-pathogen interactions. *Critical Reviews in Plant Sciences* 39, 2020, 44-71.
1142. Mieslerová, B., Kitner, M., Petřeková, V., Dvořáková, J., Sedlářová, M., Cook, R.T.A., Lebeda, A.: *Golovinomyces* powdery mildews on Asteraceae in the Czech Republic. *Plant Protection Science* 56, 2020, 163-179.

1143. Lebeda, A.: (Miloš Michlovský: Mikrobiologie a biochemie vína. Vinselekt Michlovský a.s., Rakvice, 2020, 408 pp., ISBN 978-80-907545-1-5). Vinařský obzor 113/9, 2020, 206-207. (Recenze - Book Review)
1144. Mieslerová, B., Sedlářová, M., Michutová, M., Petřeková, V., Cook, R.T.C., Lebeda, A.: Powdery mildews on trees and shrubs in botanical gardens, parks and urban green areas in the Czech Republic. Forests, 11, 2020, Art. No. 967.
1145. Šuštar-Vozlič, J., Ugrinović, K., Maras, M., Kristkova, E., Lebeda, A., Meglič, V.: Morphological and genetic diversity of Slovene lettuce landrace 'Ljubljanska ledenka'. Genetic Resources and Crop Evolution 68, 2021, 185-203. (doi: 10.1007/s10722-020-00978-5)
1146. Kitner, M., Runge, F., Lebeda, A., Vaculná, L., Sedláková, B., Thines, M.: *Pseudoperonospora humuli* might be an introduced species in Central Europe with low genetic diversity but high distribution potential. European Journal of Plant Pathology 159, 2021, 903-915. (doi: 10.1007/s10658-021-02214-x)

#### **Papers in press (or submitted)**

1147. Runge, F., Gärber, U., Lebeda, A., Thines, M.: *Bremia lactucae* populations on cultivated lettuce originate from prickly lettuce and are interconnected with the wild pathosystem. European Journal of Plant Pathology 2020 (submitted)
1148. Lebeda, A., Sedláková, B., Křístková, E., Widrlechner, M.P., Kosman, E.: Understanding pathogen population structure and variation for efficient resistance breeding to control cucurbit powdery mildews. Plant Pathology 2021 (in press)
1149. Lebeda, A., Křístková, E., Houry, C.K., Carver, D., Sosa, Ch.C.: Distribution and ecology of wild lettuces *Lactuca serriola* L. and *Lactuca virosa* L. in central Chile. Hacquetia 2021 (submitted)
1150. Lebeda, A., Křístková, E., Kitner, M., Widrlechner, M.P., El-Esawi, M.A.: Morphological and genetic variation of Egyptian Cos and Oilseed lettuce. Scientia Horticulturae 2021 (submitted)
1151. Souza, L.N., Marin, M.V., Franco, C.A., Slova, E.H.C., Caprio, C.H., Panizzi, R.C., Braz, L.T., Lebeda, A.: Monitoring and sexual compatibility in *Bremia lactucae* Brazilian populations. Plant Disease 2021 (submitted)
1152. Lebeda, A.: (Tronsmo, A.M., Collinge, D.B., Djurle, A., Munk, L., Yuen, J., and Tronsmo, A.: Plant Pathology and Plant Pathogens. CABI, Wallingford, UK, 2020, 438 pp., ISBN 978-17-892431-78). Plant Protection Science 57/3, 2021, ???-???. (Book Review) (in press)
1153. Lebeda, A.: (Niks, R.E., Parlevliet, J.E., Lindhout, P., Bai, Y.: Breeding Crops with Resistance to Diseases and Pests. Wageningen Academic Publishers, Wageningen, The Netherlands, 2019, 204 pp., ISBN 978-90-8686-328-0). Plant Protection Science 57/3, 2021, ???-???. (Book Review) (in press)



## Thematical structure of Aleš Lebeda publications

---

Type of publication (script)	Number
Domestic/International journal	
<hr/>	
Research paper or review (in scientific journals)	
Domestic	25
International	305
Editor/author of books or proceedings	
Domestic	19
International	21
Chapters in books or proceedings	
Domestic	89
International	107
Teaching materials	
International	2
Abstracts in proceedings and journals	
Domestic	93
International	251
Research reports, thesis	
Domestic	10
International	6
Professional and popular-scientific articles, scientific information, introductions	
Domestic	144
International	11
Book review	
Domestic	39
International	24
<hr/>	
Total	1146
<hr/>	

**Summary of Aleš Lebeda papers published in the international scientific journals**

Journal	Impact Factor WOS (5-year, 2019)	Number of papers
Acta Biologica Cracoviensia, Series Botanica	0.926	2
Acta Botanica Croatica	1.169	2
Acta Facultatis Rerum Naturalium Universitatis Comenianae Botanica	.	1
Acta fytotechnica et zootechnica	.	9
Acta Horticulturae (ISHS)	.	31
Acta Horticulturae et Regiotecturae	.	3
Acta Phytopathologica et Entomolo- gica Hungarica (Acta Phytopatholo- gica Academiae Scientarum Hungaricae)	.	14
Acta Virologica	0.815	1
Advances in Botanical Research	2.449	1
Annals of Applied Biology	2.332	3
Archiv für Phytopathologie und Pflanzenschutz (Archives of Phytopatho- logy and Plant Protection)	.	1
Archiv für Züchtungsforschung	.	5
Biochemical Systematics and Ecology	1.176	5
Biologia	0.875	1
Biologia Plantarum	1.898	6
Cereal Research Communications	0.766	1
Critical Reviews in Plant Sciences	7.891	2
Crop Protection	2.537	1
Crop Science	2.096	1
Cucurbit Genetics Cooperative Report	.	6
Czech Journal of Genetics and Plant Breeding	0.859	2
Economic Botany	1.775	1
Environmental and Experimental Botany	4.744	1
Euphytica	1.833	6
European Journal of Plant Pathology	1.732	13
Flora	1.616	1
Forests	2.484	1
Fungal Ecology	3.953	1
Genetic Resources and Crop Evolution	1.319	14
Horticultural Science (Prague)	1.068	4

HortScience	1.190	1
Israel Journal of Plant Sciences	1.026	2
Journal of Agricultural and Food Chemistry	4.290	1
Journal of Applied Botany and Food Quality (Angewandte Botanik)	1.304	3
Journal of Biomedicine and Biotechnology	3.132	1
Journal of Central European Agriculture	.	1
Journal of Experimental Botany	7.011	1
Journal of Phytopathology (Phytopathologische Zeitschrift)	1.109	21
Journal of Plant Diseases and Protection (Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz)	1.211	17
Journal of Plant Pathology	1.273	2
Mitteilungen der Deutschen Phyto- medizinische Gessellschaft	.	3
Molecules and Cells	3.882	1
Molecular Plant Pathology	4.550	2
Mycological Progress	2.061	3
Mycoscience	1.385	1
Mycotaxon	0.691	2
Netherlands Journal of Plant Pathology (European Journal of Plant Pathology)	1.732	1
Physiological and Molecular Plant Pathology	1.616	3
Phyton - Annales rei Botanicae	0.347	3
Phytoparasitica	1.239	3
Phytopathologia Mediterranea	1.862	1
Phytopathology	3.492	3
Planta	3.687	1
Plant Breeding	1.626	7
Plant Cell, Tissue and Organ Cultures	2.329	1
Plant Disease	3.950	4
Plant Genetic Resources - Characterization and Utilization	0.813	1
Plant Genetic Resources Newsletter	.	3
Plant Pathology	2.432	17
Plant Physiology and Biochemistry	3.966	3
Plant Protection Science	1.361	16
Plant Science	4.253	1
Plant, Soil and Environment	1.724	2
Plant Varieties and Seeds (IF = 2003)	0.091	2
Scientia Horticulturae	2.844	7

Scientific Works of the Lithuanian Institute of Horticulture and Lithuanian University of Agriculture Horticulture and Vegetable Growing	.	2
Scripta Horticulturae	.	1
South African Journal of Botany	2.061	2
Tagungsbericht, Akademie der Landwirt- schaftswissenschaften der DDR, Berlin	.	1
Temperate Downy Mildews Newsletter	.	9
Tests of Agrochemicals and Cultivars (Supplement of Annals of Applied Biology)	2.332	5
The Botanical Review	2.697	1
Theoretical and Applied Genetics	4.603	2
Transactions of British Mycological Society (from 1989 Mycological Research; from 2010 Fungal Biology)	2.850	1
<hr/>		
Total number of papers		305
<hr/>		

Total number of journals: 74

**Summary of Aleš Lebeda papers published in the domestic  
(Czechoslovak, Czech) scientific journals**

Journal	Number of papers
<hr/>	
Acta Universitatis Agriculturae (Brno), Facult. Agriculturae	3
Biologické listy (Biological papers)	4
Česká mykologie (Czech Mycology)	3
Genetika a Šlechtění (Genetics and Plant Breeding)	2
Chemické Listy	1
Ochrana rostlin (Sborník ÚVTIZ) (Plant Protection Science, till end of 2000)	5
Rostlinná výroba (Crop Production)	1
Zahradnictví (Sborník ÚVTIZ) (Horticultural Science)	6
<hr/>	
Total number of papers	25
<hr/>	