

## INDEX OF VOLUME 41 (2005)

BALAKRISHNAN V., VENKATESAN K., RAVINDRAN K.C., KULANDAIVELU G. Protective mechanism in UV-B treated <i>Crotalaria juncea</i> L. seedlings .....	115
ÇIRAK C., AKSOY H.M., AYAN A.K., SAĞLAM B., KEVSEROĞLU K. Enhanced hypericin production in <i>Hypericum perforatum</i> and <i>Hypericum pruinatum</i> in response to inoculation with two fungal pathogens .....	109
DOUDA O. Host range and growth of Stem and Bulb Nematode ( <i>Ditylenchus dipsaci</i> ) populations isolated from garlic and chicory .....	104
EGWURUBE E.A., OGUNLANA M.O., DIKE M.C., ONU I. Pest status of the leafhopper <i>Empoasca dolichi</i> Paoli on groundnut ( <i>Arachis hypogaea</i> L.) in the Zaria area of northern Nigeria .....	158
HÝSEK J., VÁŇOVÁ M., HAJŠLOVÁ J., BROŽOVÁ J., SYCHROVÁ E., RADOVÁ-SYPECKÁ Z., ŠÍP V., SÝKOROVÁ S., CHRPOVÁ J., TVARŮŽEK L. Variation in the production of trichothecene mycotoxin deoxynivalenol (DON) in spring barley varieties after treatment with the fungicides azoxystrobin and tebuconazole .....	58
KARUT K., CHU C.C., HENNEBERRY T.J., KAZAK C. Determination of seasonal activity of the sweetpotato whitefly (Homoptera: Aleyrodidae) and leafhoppers (Homoptera: Cicadellidae) by plastic cup traps on the Çukurova Plain, Turkey .....	8
NEČAS T., KRŠKA B. Detection of phytoplasma ESFY in apricot trees using phloem and petioles .....	132
ONDŘEJ M., DOSTÁLOVÁ R., ODSTRČILOVÁ L. Response of <i>Pisum sativum</i> germplasm resistant to <i>Erysiphe pisi</i> to inoculation with <i>Erysiphe</i> <i>baeumleri</i> , a new pathogen of pea .....	95
OPARAEKE A.M., DIKE M.C., AMATOBI C.I. Field evaluation of extracts of five Nigerian spices for control of post-flowering insect pests of cowpea, <i>Vigna unguiculata</i> (L.) Walp. ....	14
PATZAK J. PCR detection of <i>Pseudoperonospora humuli</i> and <i>Podosphaera macularis</i> in <i>Humulus lupulus</i> .....	141
POLÁK J., PÍVALOVÁ J., SVOBODA J. Prune cv. Jojo resistance to different strains of <i>Plum pox virus</i> .....	47
RENČO M. Current occurrence and distribution of <i>Heterodera avenae</i> in the Slovak Republic .....	80
ROSNER A., MASLENIN L. Interference in PCR: Transcription amplifications of mixed PVY isolates .....	125
SHAWKI M.A-A., TÁBORSKÝ V., KAMLER F., KAZDA J. Effect of two NeemAzal <sup>TM</sup> formulations on honeybees under semi-field conditions .....	63
ŠEDIVÝ J., CIHLAŘ P. Infestation of poppy cultures with the poppy stem gall wasp ( <i>Timaspis papaveris</i> ) Cynipidae: Hymenoptera .....	73

ŠEDIVÝ J., BORN P., VOSTŘEL J. Harmful occurrence of Rosy rustic moth ( <i>Hydraecia micacea</i> ) (Noctuidae, Lepidoptera) on hop in the Czech Republic .....	150
ŠINDELÁŘOVÁ M., ŠINDELÁŘ L. Isolation of pathogenesis-related proteins from TMV-infected tobacco and their influence on infectivity of TMV .....	52
ŠIRLOVÁ L., VACKE J., CHALOUPKOVÁ M. Reaction of selected winter wheat varieties to autumnal infection with <i>Wheat dwarf virus</i> .....	1
ŠTOLCOVÁ J. Insect injury and mortality of seedlings of field penny-cress ( <i>Thlaspi arvense</i> L.) .....	21
SHORT COMMUNICATION	
KUČEROVÁ Z., AULICKÝ R., STEJSKAL V. Outdoor occurrence of stored-product pests ( <i>Coleoptera</i> ) in the vicinity of a grain store .....	86
NEW AND UNUSUAL REPORT	
BACIGÁLOVÁ K., TÓTH D., BRINDZA J. Powdery mildew <i>Phyllactinia corni</i> causing disease on <i>Cornus mas</i> ( <i>Cornaceae</i> ) – a new record for Slovakia .....	90
KŮDELA V., ŠAFRÁNKOVÁ I., KREJZAR V., KORBA J. First report of <i>Pseudomonas savastanoi</i> pv. <i>nerii</i> on oleander in the Czech Republic .....	27
KŮDELA V., KREJZAR V. Occurrence of fruit doubles in the 2004 season associated with heat and drought stress in previous year .....	33
KŮDELA V., VOŽENÍLKOVÁ B., KREJZAROVÁ R., KREJZAR V., JANOUC M. Destruction of chlorophyll in emerging seedlings of spring barley associated with environmental stresses .....	165
ŠPRYŇAR P. First records of the rhododendron leafhopper ( <i>Graphocephala fennahi</i> ) (Hemiptera: Auchenorrhyncha: Cicadellidae) from the Czech Republic .....	38
STEJSKAL V., KUČEROVÁ Z., HÁVA J. <i>Trogoderma longisetosum</i> and <i>Trogoderma variabile</i> ( <i>Coleoptera</i> , <i>Dermestidae</i> ) as two new stored product pests for the Czech Republic .....	42
BIOGRAPHICAL NOTICE	
TÁBORSKÝ V. Entomologist RNDr. Josef Šedivý celebrates his jubilee .....	121
AN OBITUARY NOTICE	
VEVERKA K. Prof. Ing. Zdeněk Čača, DrSc. (1927–2005) .....	94
BOOK REVIEW	
LEBEDA A. R.J. Henry (Ed.) – Plant Diversity and Evolution: Genotypic and Phenotypic Variation in Higher Plants .....	123

SUPPLEMENT

HARAŠTA P.

Plant health care terminology – 27. Plant protection machinery .....XV/4

KŮDELA V.

Plant health care terminology – 23. Plant health institutions, organizations and profession..... I/1

KŮDELA V.

Plant health care terminology – 24. The artificial establishment of diseases ..... I/2

KNEIFOVÁ M., MIKULKA J.

Plant health care terminology – 25. Herbology ..... I/3

PIKULA J. JR., ZEJDA J., PIKULA J., OBDRŽÁLKOVÁ D., ZAPLETAL M., BEKLOVÁ M.

Plant health care terminology – 26. Birds ..... I/4

## AUTHORS INDEX

- AKSOY H.M. ... 109  
AMATOBI C.I. ... 14  
AULICKÝ R. ... 86  
AYAN A. K. ... 109
- BACIGÁLOVÁ K. ... 90  
BALAKRISHNAN V. ... 115  
BEKLOVÁ M. ... I/4  
BORN P. ... 150  
BRINDZA J. ... 90  
BROŽOVÁ J. ... 58
- CHALOUPKOVÁ M. ... 1  
CHRPOVÁ J. ... 58  
CHU C.C. ... 8  
CIHLAŘ P. ... 73  
ÇIRAK C. ... 109
- DIKE M.C. ... 14, 158  
DOSTÁLOVÁ R. ... 95  
DOUDA O. ... 104  
EGWURUBE E.A. ... 158
- HAJŠLOVÁ J. ... 58  
HARAŠTA P. ... XV/4  
HÁVA J. ... 42  
HENNEBERRY T.J. ... 8  
HÝSEK J. ... 58
- JANOUGH M. ... 165
- KAMLER F. ... 63  
KARUT K. ... 8
- KAZAK C. ... 8  
KAZDA J. ... 63  
KEVSEROĞLU K. ... 109  
KNEIFOVÁ M. ... I/3  
KORBA J. ... 27  
KREJZAR V. ... 27, 33, 165  
KREJZAROVÁ R. ... 165  
KRŠKA B. ... 132  
KUČEROVÁ Z. ... 42, 86  
KŮDELA V. ... 27, 33, 165, I/1, I/2  
KULANDAIVELU G. ... 115
- LEBEDA A. ... 123  
MASLENIN L. ... 125  
MIKULKA J. ... I/3
- NEČAS T. ... 132
- OBDRŽÁLKOVÁ D. ... I/4  
ODSTRČILOVÁ L. ... 95  
OGUNLANA M.O. ... 158  
ONDŘEJ M. ... 95  
ONU I. ... 158  
OPARAEKE A.M. ... 14
- PATZAK J. ... 141  
PIKULA J. ... I/4  
PIKULA J. jr. ... I/4  
PÍVALOVÁ J. ... 47  
POLÁK J. ... 47
- RADOVÁ-SYPECKÁ Z. ... 58  
RAVINDRAN K.C. ... 115
- RENČO M. ... 80  
ROSNER A. ... 125
- ŠAFRÁNKOVÁ I. ... 27  
SAĞLAM B. ... 109  
ŠEDIVÝ J. ... 73, 150  
SHAWKI M.A-A. ... 63  
ŠINDELÁŘ L. ... 52  
ŠINDELÁŘOVÁ M. ... 52  
ŠÍP V. ... 58  
ŠIRLOVÁ L. ... 1  
ŠPRYŇAR P. ... 38  
STEJSKAL V. ... 42, 86  
ŠTOLCOVÁ J. ... 21  
SVOBODA J. ... 47  
SYCHROVÁ E. ... 58  
SÝKOROVÁ S. ... 58
- TÁBORSKÝ V. ... 63, 121  
TÓTH D. ... 90  
TVARŮŽEK L. ... 58
- VACKE J. ... 1  
VÁŇOVÁ M. ... 58  
VENKATESAN K. ... 115  
VEVERKA K. ... 94  
VOSTŘEL J. ... 150  
VOŽENÍLKOVÁ B. ... 165
- ZAPLETAL M. ... I/4  
ZEJDA J. ... I/4

## SUBJET INDEX

## A

- Aframom melegueta*, plant extract tested  
for control of insect pest ..... 14
- Apis mellifera*, influenced by NeemAzal™ ..... 63
- apricot trees, detection of ESFY in ..... 132
- Arachis hypogaea*, pest status of *Empoasca*  
*dolichi* in Nigeria ..... 158
- azoxystrobin ..... 58
- Asymmetresca decedens*, determination  
of seasonal activity of ..... 8

## B

- bacterial knot of oleander, first report  
on oleander in the CR ..... 33
- Bemisia tabaci*, determination of seasonal  
activity of ..... 8

## C

- Capsicum annuum*, plant extract for control  
of insect pest ..... 14
- Clavigralla tomentosicollis*, its control  
by plant extracts ..... 21
- Cornus mas*, occurrence of *Phyllactinia corni*  
on it in Slovakia ..... 90
- Crotalaria juncea*, effect of UV-B radiation  
on antioxidative enzymes ..... 115

## D

- deoxynivalenol, its production in spring barley .. 58
- Ditylenchus dipsaci*, its host range ..... 104

## E

- Empoasca decipiens*, determination of seasonal  
activity of ..... 8
- –, on groundnut in Nigeria ..... 158
- environmental stresses, destruction  
of chlorophyll in spring barley ..... 165
- Erysiphe baeumleri*, a new pathogen on pea ..... 95
- ESFY, detection of ..... 132

## F

- fruit doubles, their occurrence in 2004 season  
in the CR ..... 27

## G

- Graphocephala fennahi*, first record from the CR 38

## H

- heat and drought stress, responsible for fruit  
doubling ..... 27
- Heterodera avenae*, its occurrence in the Slovak  
Republic ..... 80
- Hordeum vulgare*, variation in production  
of deoxynivalenol ..... 58
- –, destruction of chlorophyll in emerging  
seedlings of ..... 165
- Humulus lupulus*, detection of fungal pathogen  
by PCR ..... 141
- –, harmful occurrence of *Hydraecia micacea*  
on hops in the CR ..... 150
- Hydraecia micacea*, its occurrence on hop  
in the CR ..... 150
- hypericin, its production in *Hypericum* spp. ... 109
- Hypericum* spp., increased levels of hypericin . 109

## M

- Maruca vitrata*, its control by plant extracts ..... 14
- Malus domestica*, occurrence of fruit doubles ... 27

## N

- NeemAzal™ formulations, their effect  
on honeybees ..... 63
- Nerium oleander*, first report of bacterial knot  
in the CR ..... 33

## P

- Pisum sativum*, its attack by *Erysiphe baeumleri* .. 95
- Phyllactinia corni*, a new record for Slovakia ..... 90

<i>Phyllotreta</i> spp., injury of <i>Thlaspi arvense</i> .....	21	<i>Tobacco mosaic virus</i> , its infectivity influenced by PR-proteins .....	52
plant extracts, used in control of insect pest .....	14	<i>Trogoderma longisetosum</i> , new stored product pests for the CR .....	42
poppy cultures, their infestation by <i>Tinaspis papaveris</i> .....	73	<i>Trogoderma variabile</i> , new stored product pests for the CR .....	42
<i>Plum pox virus</i> , virus strains .....	47	<b>U</b>	
<i>Potato virus Y</i> , interference in PCR .....	125	UV-B radiation, its effect on antioxidative enzymes in <i>Crotalaria juncea</i> .....	115
PR-proteins, their influence on infectivity of TMV .....	52	UV radiation, its association with the destruction of chlorophyl in spring barley ....	165
<i>Prunus domestica</i> , occurrence of fruit doubles in the 2004 season .....	27	<b>V</b>	
<i>Prunus insititia</i> convar. <i>syriaca</i> , occurrence of fruit doubles in the 2004 season .....	27	<i>Vigna uguiculata</i> , control of insect pests of .....	14
<i>Prunus domestica</i> , resistance of cv. Jojo to different strains of PPV .....	47	<b>W</b>	
<i>Pseudomonas savastanoi</i> pv. <i>nerii</i> , first report on oleander in the CR .....	33	<i>Wheat dwarf virus</i> (WDV) .....	1
<i>Pseudoperonospora humuli</i> , detection by PCR .....	141	winter wheat, reaction of varieties to WDV .....	1
<i>Podosphaera macularis</i> , detection by PCR .....	141	<b>X</b>	
<b>S</b>		<i>Xylopi aethiopica</i> , plant extract tested for control of insect pest of cowpea .....	14
stored-product pests, their occurrence in the vicinity of grain store .....	87	<b>Z</b>	
<b>T</b>		<i>Zingiber officinale</i> , plant extract tested for control of insect pest of cowpea .....	14
tebuconazole .....	58		
<i>Thlaspi arvense</i> , injury by insect herbivors .....	21		
<i>Timaspis papaveris</i> , infestation of poppy cultures with it .....	73		