

CONTENTS

DUMALASOVÁ V.: Biennial Workshop on the Smut Fungi	1
GAUDET D.A., SUN J.-Y., LU Z.-X., FRICK M., PUCHALSKI B., LAROCHE A.: Toxicity of wheat non-specific lipid transfer proteins to <i>Tilletia tritici</i> , the common bunt pathogen (abstract only)	3
GAUDET D.A., LU Z.-X., FRICK M., PUCHALSKI B., LAROCHE A.: Defence responses and associated signalling pathways associated with the <i>Bt10</i> gene in wheat for resistance to <i>Tilletia tritici</i> , the common bunt pathogen (abstract only)	4
SCHLAICH T., URBANIAK B., MALGRAS N., EHLE E., BIRRER C., MEIER L., SAUTTER C.: Increased field resistance to <i>Tilletia caries</i> provided by a specific anti-fungal virus gene in genetically engineered wheat (abstract only)	5
MAKSIMOV I.V., TROSHINA N.B., SURINA O.B.: Growth and development of bunt and smut agents on wheat calluses and availability that received co-culture as a suitable test-system for the search of plant resistance inducers	6
CHEN W.-Q., LIU T.-G., LIU J.-H., XU S.-CH.: DNA marker of <i>Tilletia controversa</i> Kühn, a causal agent of wheat dwarf bunt (abstract only)	13
GAUDET D.A., LEGGETT F., LU Z.-X., FRICK M., PUCHALSKI B., DESPINS T., LAROCHE A.: Compatible and incompatible interactions involving the <i>Bt10</i> gene in wheat for resistance to <i>Tilletia tritici</i> , the common bunt pathogen (abstract only)	14
ITTU M., SAULESCU N.N., ITTU G.: Latest in breeding for resistance to common bunt in Romania (abstract only)	15
RAJKOVIĆ S., DOLOVAC N.: Common bunt (<i>Tilletia tritici</i>) in different wheat genotypes	16
LORENZ N., KLAUSE S., MÜLLER K.-J., SPIESS H.: Screening of winter barley varieties (<i>Hordeum vulgare</i>) for resistance against loose smut (<i>Ustilago nuda</i>) and covered smut (<i>Ustilago hordei</i>) in Germany	20
SHARMA I., BAINS N.S., RAJ B., SIRARI A., SHARMA R.C.: Genetics of Karnal bunt resistance: use of <i>Tilletia indica</i> populations at different levels of heterogeneity	26
KOCH E., WÄCHTER R., SPIESS H.: Characterization of resistance of wheat varieties and breeding lines against common bunt (<i>Tilletia tritici</i>) and dwarf bunt (<i>T. controversa</i>) (abstract only)	32
BABAYANTS L.T., BABAYANTS O.V., BARANOVSKAYA V.L., DUBININA L.A.: <i>Tilletia caries</i> and resistance of wheat to this pathogen in Ukraine	33
DUMALASOVÁ V., BARTOŠ P.: Wheat reaction to common bunt in the field and in the greenhouse	37
GOATES B. J.: Durability of secondary sporidia of floret infecting <i>Tilletia</i> species under laboratory and field conditions: implications for epidemiology	42
AL- MAAROOF E.M., SHAMS ALLAH S.A., HASSAN M.S.: Current status of wheat bunt disease in Iraq	45
RAJKOVIĆ S., DOLOVAC N.: Efficacy of some fungicides in <i>Tilletia tritici</i> control	51
NAGY E., MOLDOVAN V.: The effect of fungicides treatments on the wheat common bunt (<i>Tilletia</i> spp.) in Transylvania (Romania)	56

GALAEV A.V., BABAYANTS L.T., SIVOLAP YU.M.: DNA-markers for resistance to common bunt transferred from <i>Aegilops cylindrica</i> Host. to hexaploid wheat	62
HUBER K., BUERSTMAYR H.: Development of methods for bunt resistance breeding for organic farming	66
KELLERER T., SEDLMEIER M., RABENSTEIN F., KILLERMANN B.: Development of immunochemical and PCR methods for qualitative detection of <i>Tilletia</i> species in organic seeds	72
KOCHANOVÁ M., PROKINOVÁ E., RYŠÁNEK P.: Laboratory diagnostics of common bunt and dwarf bunt	75
CIUCA M., ONCICA F., IUORAS M., ITTU M., SAULESCU N.N.: Use of DNA markers in breeding for bunt resistance at the National Agricultural Research and Development Institute Fundulea, Romania (abstract only)	78
SABBAGH S.K., MARTINEZ Y., ROUX C.: Root penetration of maize by <i>Ustilago maydis</i>	79
ZHOU Y., DUAN X., JIA W.: Risk assessment of <i>Tilletia controversa</i> establishment in China (abstract only)	84
AUTHOR INDEX	I

Authors are fully responsible for the content of their contributions. No language corrections were made.

Author Index

A

Al-Maarroof, E.M. ... 45

B

Babayants, L.T. ... 33, 62

Babayants, O.V. ... 33

Bains, N.S. ... 26

Baranovskaya, V.L. ... 33

Bartoš, P. ... 37

Birrer, C. ... 5

Buerstmayr, H. ... 66

C

Chen, W.-Q. ... 13

Ciucu, M. ... 78

D

Despins, T. ... 14

Dolovac, N. ... 16, 51

Duan, X. ... 84

Dubinina, L.A. ... 33

Dumalasová, V. ... 1, 37

E

Ehler, E. ... 5

F

Frick, M. ... 3, 4, 14

G

Galaev, A.V. ... 62

Gaudet, D.A. ... 3, 4, 14

Goates, B.J. ... 42

H

Hassan, M.S. ... 45

Huber, K. ... 66

I

Ittu, G. ... 15

Ittu, M. ... 15, 78

Iuoras, M. ... 78

J

Jia, W. ... 84

K

Kellerer, T. ... 72

Killermann B. ... 72

Klause, S. ... 20

Koch, E. ... 32

Kochanová, M. ... 75

L

Laroche, A. ... 3, 4, 14

Leggett, F. ... 14

Liu, J.-H. ... 13

Liu, T.-G. ... 13

Lorenz, N. ... 20

Lu, Z.-X. ... 3, 4, 14

M

Maksimov, I.V. ... 6

Malgras, N. ... 5

Martinez, Y. ... 79

Meier, L. ... 5

Moldovan, V. ... 56

Müller, K.-J. ... 20

N

Nagy, E. ... 56

O

Oncica, F. ... 78

P

Prokinová, E. ... 75

Puchalski, B. ... 3, 4, 14

R

Rabenstein, F. ... 72

Raj, B. ... 26

Rajković, S. ... 16, 51

Roux, C. ... 79

Ryšánek, P. ... 75

S

Sabbagh, S.K. ... 79

Saulescu, N.N. ... 15, 78

Sautter, C. ... 5

Schlaich, T. ... 5

Sedlmeier, M. ... 72

Shams Allah, S.A. ... 45

Sharma, I. ... 26

Sharma, R.C. ... 26

Sirari, A. ... 26

Sivolap, Yo.M. ... 62

Spiess, H. ... 20, 32

Sun, J.-Y. ... 3

Surina, O.B. ... 6

T

Troshina, N.B. ... 6

U

Urbaniak, B. ... 5

W

Wächter, R. ... 32

X

Xu, S.-Ch. ... 13

Z

Zhou, Y. ... 84