

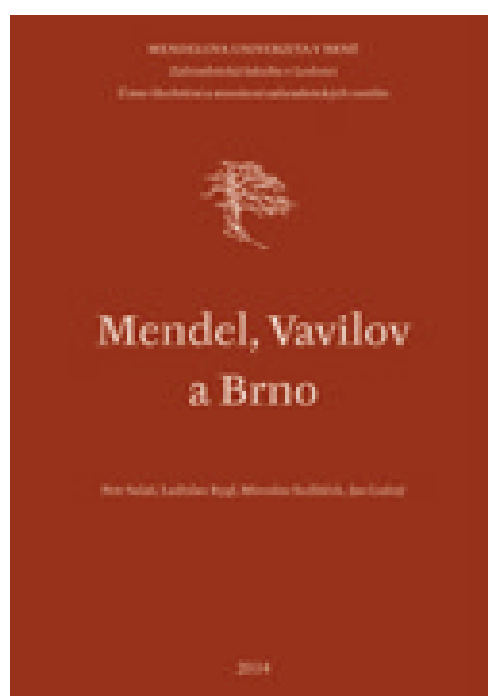
MENDEL, VAVILOV AND BRNO

NEW BOOK AND MOVIE



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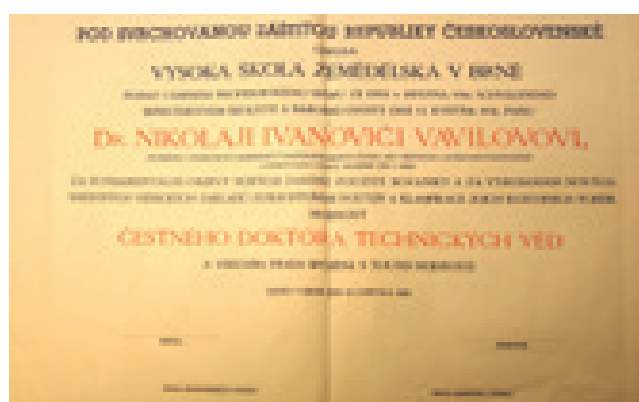
The publication (and a film made according to this publication) is largely devoted to the career and work of Nikolai Ivanovich Vavilov, the world-famous Russian researcher, scientist, geneticist, breeder and botanist, who went down immortally in history of plant breeding and crop genetics. The publication answers the question, how close was his relationship to J.G. Mendel, the former Czechoslovak Republic, and Brno. Principles of heredity, which were first described by G. J. Mendel, the definition of gene centres of the plant evolution on Earth created by N.I. Vavilov and his formulation of the law of homologous series of hereditary stability belong to fundamental pillars of

the contemporary modern plant breeding, which have been currently followed by many scientific institutions and professional breeding companies.

In his work, N.I. Vavilov was based on Mendel's ideas; at the former Agricultural University in Brno he received his first foreign honorary doctorate (1936).



Slavnostní promoce N. I. Vavilova, Brno, 19. 6. 1936 Foto: archiv Mendelu



Slavnostní promoce N.I. Vavilova, diplom Foto: archiv Mendelu

Contemporary geneticists and breeders continue in the work started by Mendel and Vavilov, which is documented in the film via passages from modern industries, from Mendel University, as well as from the Gene Bank in Slovakia. The document was created in the years 2010 to 2014 in close cooperation with the Audiovisual Centre Mendelu, the Institute of Breeding and Propagation of Horticultural Plants ZF Mendelu, the Faculty of Horticulture Mendelu based in Lednice, and the studio Soliton cz.

It is the work of Jan Lužný, Petr Salaš (story and screenplay), Ladislav Rygl (cinematography, animation and editing) from Mendel University and Miroslav Sedláček (script and direction) from the studio soliton.cz



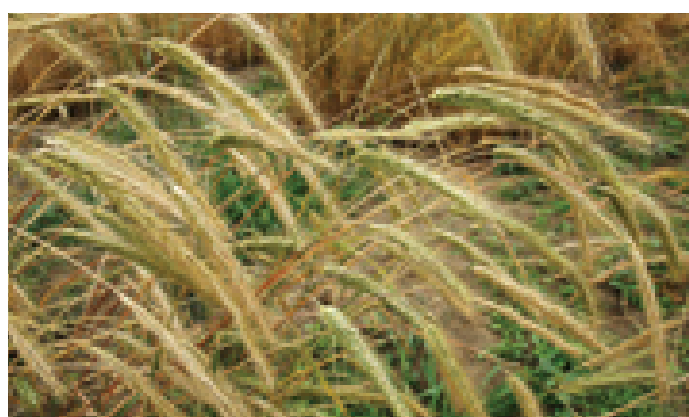
The authors devoted the work to the memory of Professor Jan Lužný (1926–2013), Professor Emeritus of Mendelu, who, unfortunately, did not live enough to see the premiere.

The documentary programme „Mendel, Vavilov and Brno“ won the prize of the Slovak public radio and television (Price RTVS) at the International Festival

Agrofilm 2014. It is the only award-winning work of 13 participants from the Czech Republic. The success is particularly significant especially in a view of the fact that it was the jubilee 30th festival, which had been entered by the extraordinary number of films — 120 titles from 25 countries around the world.



Emeritní profesor Mendelovy univerzity v Brně, Jan Lužný (1926–2013), nositel medaile J. G. Mendela



Secale cereale ssp. vavilovii var. *afghanicum*
Foto: L. Rygl, 2013



Lupinus vavilovii
Foto: L. Rygl, 2013