

CONTENTS

1	Introduction	9
2	The basic biological knowledge in the 18 th and at the beginning of the 19 th centuries from the contemporary point of view	11
3	Plant hybridisation before Mendel's discoveries	17
4	Inspirational conditions and the “assignment” of Mendel's research work	21
5	His research project and proofs of obtained results	29
6	Publication of his discoveries in years 1865 and 1866	45
7	Year 1900 – the rediscovery of his work and formulation of the so-called “Mendel's Laws”	51
8	Was Mendel a genius?	57
9	Validity of his hybridisation discoveries and their significance for the modern genetics	61
10	Evolution of species and Mendel's discoveries	64
11	Conclusions	68
12	References	71
13	Name and subject index	74

Supplement (CD): Presentation of Mendel's hybridisation experiments