















Experiments in Plant Hybridization

Gregor Mendel

Seed		Flower	Pod		Stem	
Form	Cotyledons	Color	Form	Color	Place	Size
						
Grey & Round	Yellow	White	Full	Yellow	Axial pods, Flowers along	Long (6-7ft)
						
White & Wrinkled	Green	Violet	Constricted	Green	Terminal pods, Flowers top	Short (~1ft)
1	2	3	4	5	6	7

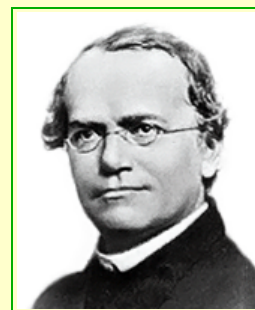
Gregor Mendel

Gregor Mendel (1822 - 1884) was an Augustinian monk in the St. Thomas monastery in Brno. His seminal paper **Experiments in Plant Hybridization** from 1865 presents his results of studying genetic traits in pea plants. It is the ground breaking work on inheritance, being the first to differentiate between dominant and recessive genetic traits and to present a systematic study on hybridisation. His work was long ignored and deemed controversial, however, at its rediscovery at the turn to the 20th century, it earned Gregor Mendel the title *father of modern genetics*.

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01: Introductory Remarks	3:41
02: Selection of the Experimental Plants	5:30
03: Division and Arrangement of the Experiments	8:57
04: The Forms of the Hybrids	4:54
05: The First Generation bred from the Hybrids	9:47
06: The Second Generation bred from the Hybrids	5:37
07: The Subsequent Generations bred from the Hybrids	4:50
08: The Offspring of Hybrids in which Several Differentiating Characters are Associated	21:28
09: The Reproductive Cells of the Hybrids	26:55
10: Experiments with Hybrids of other Species of Plants	17:42
11: Concluding Remarks	24:27



Read for librivox.org by Availle Total Running time: 2:13:51

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