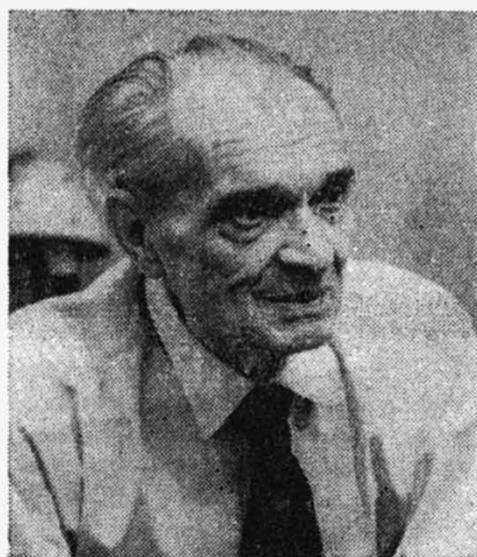


Docent Dr. Techn. Ing. Jan Rozsypal is 85

In the past thirty years the Czechoslovak parasitology has flourished into a spreading system of scientific subdisciplines. Dr. Tech. Ing. Jan Rozsypal, Associate Professor at the School of Agriculture in Brno, bearer of the decoration for "Distinction in Labour" has devoted his entire successful professional career to the disciplines concerned with plant parasitology. He was born in Vyškov on 11 May 1896 in the family of a progressive-minded teacher.



He graduated from the Brno School of Agriculture in 1921 and immediately began to work in agricultural research, becoming a co-worker of the outstanding specialist in plant protection, Prof. Dr. Tech. Ing. Eduard Baudyš. Dr. Rozsypal followed in the footsteps of his teacher and soon became a leading parasitologist in his field. Between the parasite and its host plant he always saw a dialectic whole, a duel of contradictory elements, in which defeated is always the component of the two lacking good conditions for life. Therefore Dr. Rozsypal put

a great emphasis on correct agrotechnical procedures and on the hygiene of the fields. His treatise "Sugar Beet pest *Bothynoderes punctiventris* Germ. and its natural enemies" (Sborník Vysoké školy zemědělské Brno, ser. agronom. 16: 1 to 101), already a classic, may serve as an example of this attitude. This work reflects his keen interest in entomophagous parasitic fungi, the subject of his many other mycologic-parasitological studies, such as "*Macrosiphum pisi* Kalt. and *Entomophthora aphidis* Hoffm" (Práce MPS 4: 1–20); "A few notes on *Lecanium coryli* L. infesting ash-trees and fungi parasitic on it" (Ochrana rostlin 13: 153–176); "Fungi parasitic on *Heterodera schachtii* Schmidt in Moravian soils" (Věst. ČAZ 10: 403–422); "Mycotic infection of *Calliphora vomitoria* L." (Zool. Listy 6: 12–20); "A contribution to entomophagous fungi" (Čs. parazitologie 5: 169–177) etc.

Dr. Rozsypal enriched the international collection of the cultures of entomophagous fungi in Holland with several hitherto unknown taxons and himself described two new species: *Entomophthora zabri* sp.n. from a serious grain pest *Zabrus tenebrioides* Goeze and *Metarrhizium flavoviride* sp.n. from the much-feared poppy pest *Ceutorhynchus maculaalba*.

In his research Dr. Rozsypal also focused attention on bacterial and viral infections. The results of his studies are treated in his papers "On viroses of *Papaver somniferum* L." (Čs. biologie 5: 218–226, 6: 438–440); "Organisms destroying insects" (Sborník Klubu Přír. Brno 26: 91–98); "On infectious diseases of green-house and hotbed plants" (In: Kurs praktické hygieny skleníků a pařenišť — A course of practical hygiene of green-houses and hot-beds) etc.

A significant section in Dr. Rozsypal's scientific research in the field of parasitology are his studies in phytohelminthology. His complex view of the unity of the pest and its host plant yielded progressive and in many respects advan-

ced working results, e.g. "Reactions of grain plants accompanying the development of *Anguina tritici* Stein" (Helmintologia 1957); "Influence of pH, humidity and environmental resistance on *Ditylenchus dipsaci* Kühn emend. Filip'yev in garlic (*Allium sativum* L.)" (Sbor. ÚVTIZ — Ochrana rostlin 15: 189—195); "Influence of radiation, chemism and environmental temperature on *Ditylenchus dipsaci* Kühn emend. Filip'yev) in garlic (*Allium sativum* L.)" (Sbor. ÚVTIZ — Ochrana rostlin 15: 197—206); "Ein Beitrag zum zweifelhaften Parasitismus der Nematodengattung *Cephalobus*" (Fortschr. Landwirtschaft.: 1—15); "Die Älchenblattkrankheit der Chrysanthemen in Mähren" (Zentralbl. Bakt., Parasit. u. Infektionskrank. 68: 179 to 195) etc. Phytohelminthology was also the theme of his doctoral dissertation "Results of the studies on phytонematodes in Czechoslovakia (ČSSR)", written in 1960.

The personality of Docent Dr. Ing. J. Rozsypal is distinguished by humaneness, progres-

sive creative thinking, a sense of responsibility, readiness for assistance and cooperation, and deep love for his country. This is the reason why a school of creative workers surrounded him, following and developing his ideas. It is only natural that on his important anniversary we pay tribute to Dr. Rozsypal for his work which has been appreciated by our socialist public with many honours.

Docent Ing. Dr. Techn. Jan Rozsypal has terminated his active professional career as a leading scientist of the Czechoslovak Academy of Sciences, the top scientific institution in Czechoslovakia. This is also a great acknowledgement to his life-time work, and in the Institute of Parasitology, where he was employed he will always be remembered and esteemed. On the occasion of his 85th birthday we wish him good health and much happiness in the coming years.

Academician J. Kratochvíl