

# On the taxonomy of *Puccinia recondita* Rob. ex Desm. s. l.

Poznámky k taxonomii *Puccinia recondita* Rob. ex Desm. s. l.

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Urediospore surface structures of *Puccinia bromina* Erikss., *P. holcina* Erikss., *P. recondita* Rob. ex Desm. and *P. triseti* Erikss. were studied from electron micrographs. According to the morphology of both urediospores and teliospores, and taking into account their physiology and ecology, the rusts mentioned are considered as distinct species. No substantial morphological differences were found between Eriksson's Swedish and Czechoslovak material of *P. bromina*.

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Pomocí elektronového mikroskopu byl studován povrch urediospor rzi *Puccinia bromina* Erikss., *P. holcina* Erikss., *P. recondita* Rob. ex Desm. and *P. triseti* Erikss. Na základě morfologie urediospor a teliospor s ohledem na fyziologii a ekologii jsou všechny zmíněné rzi považovány za samostatné druhy. Mezi československým a švédským materiálem *P. bromina* nebyly nalezeny podstatné morfologické rozdíly.