

In memoriam of Dr. Věra Holubová-Jechová (1936–1993)

OLGA FASSATIOVÁ<sup>1</sup> and FRANTIŠEK KOTLABA<sup>2</sup>

<sup>1</sup>Department of Botany Charles University, Benátská 2, Praha 2;  
<sup>2</sup>Na Petřínách 10, Praha 6, Czech Republic

Czech mycology lost on March 5, 1993, a prominent micromycetologist, Dr. V. Holubová-Jechová, principal research officer of the Botanical Institute, Academy of Sciences of the Czech Republic at Průhonice near Prague, who was born in Prague on March 17, 1936.



Dr. V. Holubová-Jechová. Čes. Budějovice, 14. 9. 1982. Photo by F. Kotlaba

She studied mycology and phytopathology at the Biological Faculty of the Charles University, Prague, where she defended in 1960 her thesis "Rots and moulds of imported southern fruits and control of banana moulds", which was carried out under the guidance of Prof. Dr. Karel Cejp. Her delight and talent in taxonomy and ecology of micromycetes already appeared during her university studies, which she achieved excellently figured by photographs or line-drawings.

Dr. V. Holubová-Jechová initially worked in the Cryptogamological Department, Biological Faculty of the Charles University (1960–61) and then in the Institute of Natural Drugs, Prague (1962–63). On November 1, 1963, she commenced her work in the Botanical Institute of the former Czechoslovak Academy of Sciences, Průhonice near Prague, where was active until her untimely death.

For the whole 30 years, she devoted herself to the study of saprotrophic *Hyphomycetes*, especially those occurring in natural forests, preferably in natural reserves. In collaboration with Z. Pouzar, a specialist on *Basidiomycetes* from the same institute, she studied the connection of the anamorphs and teleomorphs in the *Corticaceae*. This led to the discovery of new taxa of *Hyphomycetes* and, in some cases, to the knowledge of their teleomorphs. In 1969, she defended her postgraduate thesis "Study in wood-inhabiting *Hyphomycetes*", and remained faithful to this subject for her immensely productive life.

She intensively collected fungi in field and, from her microscopic study and cultures, proposed a number of new genera and species, as well as discoveries of new or rare species for Czechoslovakia, some other countries, territories etc., but also the connections of some anamorphs with their teleomorphs.

Dr. V. Holubová-Jechová had a taxonomic sense and understood also the ecology of these fungi; she was also able to solve nomenclatural problems. Her main interest was the family *Dematiaceae*, where she became a respectable specialist. She intensively collected, not only in territory of former Czechoslovakia but travelled often to a number of foreign countries, collecting fungi in Canada, Estonia, Germany, Great Britain, Hungary, the Netherlands, Poland and Romania. Her numerous collections of *Hyphomycetes* are deposited mostly in the herbarium of the National Museum in Prague (PRM), including types; her culture collection was divided among the Culture Collection of Fungi of the Faculty of Sciences in the Charles University, Prague, the Centraalbureau voor Schimmelcultures, Baarn, and the International Mycological Institute, Egham. She was twice in Cuba (4 months in 1981 and 3 months in 1985), where she collected fungi and took part on the postgraduate education of several Cuban mycologists in imperfect fungi.

She studied *Hyphomycetes* in various large institutes such as the Centraalbureau voor Schimmelcultures in Baarn (1969), the Biosystematics Research Institute in Ottawa (1979) and the Commonwealth Mycological Institute in Kew (1982, 1992). She also took part in several mycological congresses, e.g. in Budapest (1978), Tallin (1989), Regensburg (1990) and London (1992).

The papers of Dr. V. Holubová-Jechová were published not only in Czech journals (*Česká mykologie*, *Folia geobot. et phytotax.*) but also in foreign ones (*Canad. J. Bot.*, *Mycotaxon* and *Studies in Mycology*), as well as Cuban, Estonian etc. periodicals. One of her activities were her regular contributions to discussions on the journal *AnaNet*, published in Canada and designated for specialists dealing with fungal anamorphs.

In the taxonomy of *Hyphomycetes*, she fully accepted modern ideas and knowledge about the conidiogenesis, which she applied in her work. She studied some problems jointly with several leading specialists in the field of *Hyphomycetes* such as J. A. von Arx, A. Borowska, W. Gams, G. Hennebert, D. W. Minter, B. Sutton, S. J. Hughes, L. Weresub and others. She described 10 new genera, 2 subgenera, over

120 new species, and her name is commemorated in the following genera: *Holubovea* Mercado Sierra (1983), *Holubovaniella* Castañeda Ruiz (1985) and *Veramyces* Subramanian (1993). As a renowned specialist in the *Hyphomycetes*, she was elected a honorary member of the Mycological Society of America in 1992.

Dr. V. Holubová-Jechová was a very diligent, careful and strong-minded woman, who wrote her papers in a clear, precise and comprehensible style. She continued the tradition of the famous micromycetologist A. C. J. Corda, who founded in Bohemia in the last century the study of microscopic fungi to such an extent that it became of worldwide importance. The publications of Dr. V. Holubová-Jechová represent in a dignified manner this branch of mycology in her country as well as in the world mycological community.

#### REFERENCES

- FASSATIOVÁ O. (1993): In Memoriam: RNDr. Věra Holubová-Jechová, CSc.: 17 March 1936 – 5 March 1993. – AnaNet no. 21: 3.  
 LIŠKA J. (1993): In memoriam: RNDr. Věra Holubová-Jechová, Csc. – Mykol. Listy no 49: 22–24.  
 ŠEBEK S. (1986): RNDr. Věra Holubová, Csc. – Čes. Mykol. 40: 255–256.

#### BIBLIOGRAPHY OF V. HOLUBOVÁ-JECHOVÁ

- 1960 Hniloby a plísňě dováženého jižního ovoce a ochrana banánů proti hnilobám. I. II. – Ms., 215 p., 53 tab. (Dipl. pr.; depon. in: Knihovna kat. bot. přírod. fak. Univ. Karlovy Praha).
- 1962 Cejp K., Jechová V.: Subtropické druhy rodu *Phytophthora* de Bary dovezené k nám s jižním ovocem: *Phytophthora citrophthora* (Sm. et Sm.) Leonian a *P. citricola* Sawada. – Čes. Mykol. 16: 198–202.  
 Choroby dováženého jižního ovoce. Mykózy. In: Zemědělská fytopatologie 4: 690–736, Praha.
- 1963 Houbové choroby náprstníku vlnatého. – Ms., 53 p. (Závěr. zpr.; depon. in: Knihovna Výzkumného ústavu přírod. léčiv Praha).  
 Nové druhy rodu *Nigrospora* a jimi působené hniloby na dováženém jižním ovoci. – Čes. mykol. 17: 12–20.
- 1964 Houbové choroby léčivých rostlin. – Naše Léčivé Rost. 1964: 42–45.  
 Skalický V., Jechová V.: The importance of some microchemical colour reactions in mycology. – Biol. Plant. 6: 57–65.  
 Příspěvek k poznání *Septoria digitalis* Pass. – Čes. Mykol. 18: 226–231.
- 1967 Cejp K., Jechová V.: Beitrag zur Kenntnis einiger tschechoslowakischen Arten der Gattung *Septoria* Fries. – Sborn. Nár. Muz. Praha, ser. B, 23: 101–123.  
 Pouzar Z., Jechová V.: *Botryobasidium robustior* spec. nov., a perfect state of *Oidium rubiginosum* (Fr.) Linder. – Čes. Mykol. 21: 69–73.

- 1968 Studie o dřevních saprofytických hyfomycetech (Taxonomie a biologie) I., II. – Ms., 413 p., 77 tab. (Kand. dis. pr.; depon. in: Knihovna Bot. ústavu AV ČR Průhonice).
- 1969 Pouzar Z., Holubová-Jechová V.: *Botryobasidium simile* spec. nov., a perfect state of *Oidium simile* Berk. – Čes. Mykol. 23: 97–101.  
New species of the genus *Oidium* Link ex Fr. emend. Linder. – Čes. Mykol. 23: 209–221.
- 1970 The internal rots of Brazil nuts. – Čes. Mykol. 24: 207–214.
- 1971 Polyphenoloxidase enzymes from wood-inhabiting Hyphomycetes. – Čes. Mykol. 25: 23–32.
- 1972 *Craspedodidymum*, new genus of phialosporous Hyphomycetes. – Čes. Mykol. 26: 70–73.
- IV. Třída: Nedokonalé huby. – houby nedokonalé (Deuteromycetes; syn.: Fungi imperfecti). – In: Červenka M. et al., Kľuč na určovanie výtrusných rastlín 2: 333–374, Bratislava.
- A note on *Pleurophragmium simplex* (Hyphomycetes). – Čes. Mykol. 26: 223–225.
- Lignicolous Hyphomycetes from Czechoslovakia 1. *Brachysporium*. – Folia Geobot. Phytotax. 7: 217–224.
- Holubová-Jechová V., Hennebert G.: *Sporoschismopsis* Hol.-Jech. et Hennebert, a new genus of lignicolous Hyphomycetes. – Bull. Jard. Bot. Nat. Belg. 42: 385–391.
- Lignicolous Hyphomycetes from Czechoslovakia 2. *Bactrodesmium*. – Folia Geobot. Phytotax. 7: 407–418.
- 1973 Lignicolous Hyphomycetes from Czechoslovakia 3. *Sporoschisma*, *Sporoschismopsis* and *Catenularia*. – Folia Geobot. Phytotax. 8: 209–218
- Lignicolous Hyphomycetes from Czechoslovakia 4. *Menispora*. – Folia Geobot. Phytotax. 8: 317–336.
- Lignicolous Hyphomycetes from the Netherlands. – Proc. Koninkl. Nederl. Akad. Wetensch., ser. C, 76: 297–302.
- 1974 The correct generic and specific name for “*Acremoniella atra*”. – Folia Geobot. Phytotax. 9: 315–316.  
A revision of the genus *Olpitrichum* Atk. – Folia Geobot. Phytotax. 9: 425–432.
- 1975 Problems of usage of the generic name *Oidium*. – Folia Geobot. Phytotax. 10: 433–440.  
Dřevní hyfomycety přírodních rezervací “Diana” a “Přímida” u Tachova. – Zpr. Muz. Západočes. Kr., Přír., 17: 15–20.
- 1976 Gams W., Holubová-Jechová V.: *Chloridium* and some other dematiaceous Hyphomycetes growing on decaying wood. – Stud. in Mycol., no. 13: 1–99

- Haplotrichum Link instead of Oidium Link, a necessary nomenclatural change.  
- Čes. Mykol. 30: 3-4.
- 1978 Lignicolous Hyphomycetes from Czechoslovakia 5. Septonema, Hormiactella and Lylea. - Folia Geobot. Phytotax. 13: 421-442.
- 1979 Lignicolous and some other saprotrophic Hyphomycetes from Hungary. - Čes. Mykol. 33: 138-149.
- 1980 Lignicolous and some other saprotrophic Hyphomycetes from the U.S.S.R. I.  
- Eesti NSV Tead. Akad. Toim. Biol. 29: 131-147.  
Botryobasidium chilense sp. nov., a teleomorph of Haplotrichum chilense. - Mycotaxon 12: 117-121.  
Revision and subdivision of Haplotrichum - anamorphs of Botryobasidium. - Mycotaxon 12: 122-130.  
Lignicolous and some other saprotrophic Hyphomycetes from the U.S.S.R. II. Helicosporous species. - Eesti NSV Tead. Akad. Toim. Biol. 29: 349-353.  
Holubová-Jechová V., Jančařík V.: Mykoflóra rašeliny a rašelinných substrátů. - Lesnictví 26: 1095-1114.
- 1981 Holubová-Jechová V., Borowska A.: Hyphodiscosia europaea, a new species of dematiaceous Hyphomycetes. - Čes. Mykol. 35: 29-31.  
Minter D. W., Holubová-Jechová V.: New or interesting Hyphomycetes on decaying pines from Czechoslovakia. - Folia Geobot. Phytotax. 16: 195-217.  
Gams W., Holubová-Jechová V.: Chloridium and some other dematiaceous hyphomycetes growing on decaying wood. Corrections and additions. - Mycotaxon 13: 257-258.
- 1982 Some notes on Basifimbria aurea. - Mycotaxon 14: 140-144.  
New or interesting phialidic hyphomycetes from Cuba. - Mycotaxon 15: 277-292.  
Holubová-Jechová V., Mercado Sierra, A.: Some new and interesting microfungi from Cuba. - Mycotaxon 14: 309-315.  
Lignicolous Hyphomycetes from Czechoslovakia 6. Spadicoides and Diplococcium. - Folia Geobot. Phytotax. 17: 295-327, tab. 19, 20.  
Mikroskopická mykoflóra kompostované smrkové kůry. - Lesnictví 28: 893-914.  
Drobnohledné houby kompostované smrkové kůry. - In: VII. celostátní mykologická konference v Českých Budějovicích 13.-18. 9. 1982 (Souhrny referátů), p. 17, Praha.
- 1983 Studies on Hyphomycetes from Cuba. - Čes. Mykol. 37: 12-18.  
New species of Edmundmasonia (Hyphomycetes). - Folia Geobot. Phytotax. 18: 199-202.
- 1984 Holubová-Jechová V., Mercado Sierra, A.: Studies on Hyphomycetes from

- Cuba II. Hyphomycetes from the Isla de la Juventud. – *Čes. Mykol.* 38: 96–120.
- Bactrodesmiastrum*, a new genus of lignicolous Hyphomycetes. – *Folia Geobot. Phytotax.* 19: 103–106.
- Lignicolous Hyphomycetes from Czechoslovakia 7. *Chalara*, *Exochalara*, *Fuschalara* and *Dictyochaeta*. – *Folia Geobot. Phytotax.* 19: 387–438.
- 1985 *Porosubramaniana*, a new genus of lignicolous Hyphomycetes. – *Proc. Indian Acad. Sci. (Plant Sci.)* 94: 253–257.
- Observations on the geographic distribution of Cuban Hyphomycetes. – In: Primer simposio de botanica, La Habana, Julio 2–5 de 1985. Resúmenes, p. 129. La Habana.
- Holubová-Jechová V., Mercado Sierra, A.: Lignicolous dematiaceous Hyphomycetes from Guanahacabibes. – In: Primer simposio de botanica, La Habana, Cuba, Julio 2–5 de 1985. Resúmenes, p. 132. La Habana.
- Minulost, současnost a význam dematiaceí u nás. – In: Šebek S. (red.), *Dosavadní vývoj, současný stav a perspektivy studia mikromycetů v ČSSR*, p. 6–11, Praha.
- 1986 Lignicolous Hyphomycetes from Czechoslovakia 8. *Endophragmiella* and *Phragmocephala*. – *Folia Geobot. Phytotax.* 21: 173–197.
- Holubová-Jechová V., Castañeda Ruiz R. R.: Studies on Hyphomycetes from Cuba III. New and interesting dematiaceous taxa from leaf litter. – *Čes. Mykol.* 40: 74–85.
- Holubová-Jechová V., Mercado Sierra, A.: Studies on Hyphomycetes from Cuba IV. Dematiaceous Hyphomycetes from the Province Pinar del Río. – *Čes. Mykol.* 40: 142–164.
- 1987 Studies on Hyphomycetes from Cuba V. Six new species of dematiaceous Hyphomycetes from Havana Province. – *Čes. Mykol.* 41: 29–36.
- Studies on Hyphomycetes from Cuba VI. New and rare species with tretic and phialidic conidiogenous cells. – *Čes. Mykol.* 41: 107–114.
- Holubová-Jechová V., Révay Á.: *Chloridium carpaticum*, a new species with brown pigmented conidia. – *Acta Bot. Hung.* 33: 63–66.
- Mercado Sierra, A., Holubová-Jechová V., Portales M. J., González Fragnals G.: Hongos imperfectos de Pinar del Río, Cuba: El ambiente y la taxonomía de hifomicetes dematiáceos hallados. – *Rep. Invest. Inst. Ecol. Sistem.*, no. 22: 1–10.
- 1988 Studies on Hyphomycetes from Cuba VII. Seven new taxa of dematiaceous Hyphomycetes. – *Čes. Mykol.* 42: 23–30.
- Studies on Hyphomycetes from Cuba VIII. A new genus *Piricaudilium* and some species new for the territory of Cuba. – *Čes. Mykol.* 42: 200–204.
- Mercado Sierra, A., Holubová-Jechová V., Portales J. M., González Fragnals

- G.: Hifomicetes demaciáceos de Cuba. – In: Memorias, Primer simposio de botanica, Habana, Cuba, 2-5 Julio 1985, 1: 183-195, Habana.
- Observations on the geographic distribution on Cuban Hyphomycetes. – In: Memorias, Primer simposio de botanica, Habana, Cuba, 2-5 Julio 1985, 1: 196-208, Habana.
- Významný rod *Tolypocladium* W. Gams (Hyphomycetes). – Mykol. Listy, no. 31: 8-11.
- A mysterious fungus similar to *Piricauda* Bubák. – Hyphonet, 1: 5-6.
- 1989 Mercado Sierra, A., Holubová-Jechová V., Portales J. M.: Estudios sobre la microflora Hifomicetes con tetroconidios. Rep. Invest. Inst. Ecol. Sistem., ser. Bot., no. 4: 1-8.
- Holubová-Jechová V., Mercado Sierra, A.: Hyphomycetes from Loma de la Coca and some localities of La Habana and Matanzas provinces, Cuba. – Acta Bot. Cubana, no. 76: 1-15.
- Nag Raj T. R., Holubová-Jechová V., Castañeda R. F.: Genera coelomycetum. XXVII. *Pycnovalomyces* redescribed; – Canad. J. Bot. 67: 3386-3390.
- 1990 Morfologická stavba hyfomycetů, konidiogenese a užívaná terminologie. – In: Prášil K. (red.), Problematika a metodika determinace některých skupin mikroskopických hub, p. 1-27, Praha.
- A new species of *Scytalidium* isolated from cysts of *Globodera rostochiensis* in Czechoslovakia. – Čes. Mykol. 44: 101-105.
- Zygosporium mycophilum* (Vuill.) Sacc. v Československu. – Čes. Mykol. 44: 106-108.
- Problems in the taxonomy of dematiaceous Hyphomycetes. – In: Reisinger A., Bresinsky A. (red.), Fourth International Mycological Congress IMC 4, Abstracts, p. 24, Regensburg.
- Problems in the taxonomy of Dematiaceous Hyphomycetes. – Stud. in Mycol. no. 32: 41-48.
- Hyphomycetes on acorns and cupules of *Quercus* species. (Information.) – AnaNet 11: 5.
- 1991 *Helicogoesia*, a new genus of lignicolous Hyphomycetes. – Mycotaxon 41: 445-450.
- 1992 Úvod. – In: Holubová-Jechová V., Prášil K. (red.), Ophiostomatales – výsledky současného taxonomického a fytopatologického výzkumu, p. 1, Praha.
- Ophiostomatales – taxonomické vymezení jednotlivých rodů a jejich anamorfy. – In: Holubová-Jechová V., Prášil K. (red.), Ophiostomatales – výsledky současného taxonomického a fytopatologického výzkumu, p. 2-18, Praha.
- Některé poznatky z výzkumu Ophiostomatales ve světě. – In: Holubová-Jechová V., Prášil K. (red.), Ophiostomatales – výsledky současného taxonomického a fytopatologického výzkumu, p. 50-54, Praha.

- Some Dematiaceous Hyphomycetes overgrowing Corticiaceae. – In: XI. Congress of European mycologists, Abstracts, Kew, p. 19.
- 1993 Zpráva o činnosti Sekce pro studium mikroskopických hub při ČSVSM. – Čes. Mykol. 46(1992): 331.
- Revisiones generum obscurorum Hyphomycetum: *Leptotrichum* Corda. – *Sydowia* 45: 95–96.
- Revisiones generum obscurorum Hyphomycetum: *Leucosporium* Corda and *Phymatostroma* Corda. – *Sydowia* 45: 97–99.

MANUSCRIPTS

- Mercado Sierra, A., Holubová-Jechová V., Mena Portales J.: *Hifomycetes demaciáceos de Cuba, vol. I. Enteroblasticos.* – Ms., 511 p.
- Kůdela V., Holubová-Jechová V., Pultar O.: *Choroby a škůdci pěstovaného a skladovaného ovoce.* – Ms., 314 p.