

Phyton (Horn, Austria)	Vol. 44	Fasc. 2	309–318	30. 12. 2004
------------------------	---------	---------	---------	--------------

In Memoriam Dr. Mykhaylo ZAHULSKYY

By

Bohdan PROTS*), Anton DRESCHER**) and Tatyana KHMIL'***)

With 1 Figure

Received Dezember 19, 2002

Keywords: Biography, M. ZAHULSKYY, M. ZAGULSKIJ – Orchidology, Herbarium Lviv (LW). – Flora of W. Ukraine.

Summary

PROTS B., DRESCHER A. & KHMIL' T. 2004. In memoriam Dr. Mykhaylo ZAHULSKYY). – *Phyton* (Horn, Austria) 44(2): 309–318, with 1 figure. – English with German summary.

Dr. Mykhaylo ZAHULSKYY (*10. VII. 1960, †27. I. 2002) was an eminent Ukrainian orchidologist, conservationist, florist and a very committed curator of the Lviv National University Herbarium where he worked as a Senior Research Scientist. He also organised several ecological student camps in the Carpathians and botanical excursions for foreign research institutions in Ukraine. Many checklists and red lists for plants of Ukraine could be prepared only due to his engagement in this field. His work on and for orchids of Ukraine has been widely acclaimed. He was also the editor of the "Lyubka-Platanthera" Journal. The list of his c. 90 publications gives an impression of his scientific career. A tragic car accident put an untimely end to his life.

Zusammenfassung

PROTS B., DRESCHER A. & KHMIL' T. 2004. In Memoriam Dr. Mykhaylo ZAHULSKYY. – *Phyton* (Horn, Austria) 44(2): 309–318, mit 1 Abbildung. – Englisch mit deutscher Zusammenfassung.

Dr. Mykhaylo ZAHULSKYY (*10. VII. 1960, †27. I. 2002) war ein Ukrainischer Orchideenforscher, Naturschützer, Florist und Kurator des Herbariums der Lemberger Universität (LW), wo er zuletzt als Senior Research Scientist arbeitete. Er organisierte mehrere „Ökologische Studentenlager“ in den Karpaten und Botanische Exkursionen für aus-

*) Dr. B. PROTS, State Museum of Natural History, National Academy of Sciences of Ukraine, 18 Teatralna Str., Lviv 79008 Ukraine; e-mail: bprots7@fastmail.fm

**) Dr. A. DRESCHER, Institute of Botany, Karl-Franzens University of Graz, Holteigasse 6, 8010 Graz, Austria; e-mail: anton.drescher@uni-graz.at

***) T. KHMIL' Botany Department, Biology Faculty, I. Franko Lviv National University, Hrushevs'kyi Str.4, Lviv, 79000 Ukraine.

ländische Forschungsinstitutionen in der Ukraine. Viele „Checklisten“ und „Rote Listen“ für das Gebiet der Ukraine gehen auf seine Initiative zurück und konnten mit Hilfe seiner Geländenotizen fertiggestellt werden. Seine Arbeit an und für Orchideen der Ukraine war weithin anerkannt. Er war Herausgeber der Zeitschrift „Lyubka-Platanthera“. Seine fast 90 Publikationen spiegeln seinen wissenschaftlichen Werdegang wider. Ein tragischer Autounfall beendete sein Leben.

Trying to write about a scientist with such diverse and varied interests is not easy. We present here only the highlights of his short but fruitful life, remaining strictly to his official and private documents. At the same time we know, each of his colleagues and friends has a treasure of fond memories, which will keep him alive in our hearts.

The tragic car accident in the evening of January 27, 2002 brought the life of Dr. Mykhaylo ZAHULSKYY, Ukrainian orchidologist and curator of the Lviv [Lemberg] National University Herbarium (LW) to an untimely end.

Mykhaylo Mykolayovich (in russian Mykhail Nikolayevich) ZAHULSKYY (other transcriptions of the name: ZAGULSKIJ, ZAGULSKY, ZAHULSKI) was born on 10 August 1960, in the village of Pidlyssya, Zolochivskyy Rayon (District), L'viv Oblast (Province) in a family of rural intelligentsia. The picturesque environment of the surrounding hills (Holohory Mts.) left a lasting impression on his soul. As a boy, he was often in the hills enjoying the beauty of the forests and rich dry meadows. His parents (Yaroslava ZAHULSKA and Mykola ZAHULSKYY) wistfully recount Mykhaylo's love for the house garden and his object of pride, his succulent plant collection.

After finishing the Olessk High School (Busk Rayon; Lviv Oblast), he successfully passed the entrance examinations for the Lviv University, Faculty of Biology in 1977. During his student years, Mykhaylo was an active member of the 'Nature Protection Group' (Druzhyna Okhorony Pryrody) and also participated in the 'Biosphere Reserves' (Zapovidnyky) Programme. He also spent some time in the Caucasus Biosphere Reserve, and the Visimsky Biosphere Reserve (Ural Mts.) in 1978 and 1979 respectively, where he collected lots of experience and laid the foundation for his future diverse field of interests.

Mykhaylo ZAHULSKYY (see fig. 1) completed his studies at the Lviv University in 1982. Subsequently, he got a position of an "inzhener" at the Department of Morphology, Systematics and Physiology (since 1992 Department of Botany) of the same University. From 1998 till his untimely death, he worked as a Senior Research Scientist and Herbarium curator.

In 1995, he successfully completed his Ph.D. thesis with the title "Chorology, Population Structure and Conservation of the Orchids (*Orchidaceae*) in the Western Provinces of Ukraine". In 1998, the scientific government title of "Senior Research Scientist" was conferred upon him.

In 1998 he was granted a research fellowship at the Geobotany Department of the Lublin University, Poland, which was succeeded on its heels by the Szafer Fellowship at the Polish Botanical Society of the Institute of Botany, Polish Academy of Sciences, Kraków, in 1999.

As a Herbarium curator with a special fondness for orchids, he collected a couple of thousand specimens of different *Orchidaceae* species, most of them are housed in the Lviv University Herbarium (LW). Although the limited re-

sources of the period of transition and stagnation in Ukrainian economy were discouraging, ZAHULSKYY's hard work raised the standard of the Herbarium substantially. The fact, that the oldest collections in Ukraine are accessible here, is also one of his achievements. He also collected and published a lot of material on the history of the Herbarium and famous collectors of the XIXth century.

Dr. Mykhaylo ZAHULSKYY is the author of around 90 publications in the field of distribution, population structure and conservation of orchids in the western provinces of Ukraine. The preservation of other Red-List species, history of botany, herbarium collections in Ukraine and abroad were his other interests, which were dealt in his papers. About half of them were prepared in collaboration with nearly 50 (!) other scientists, which underlines his independence as well as his readiness to cooperate. He was communicative, liked to travel and participated in more than 30 conferences.

Applied nature conservation was one of Mikhaylo's field of interest. From 1990 to 1994 he organised several ecological student camps in the International Biosphere Reserve "White Carpathians" (Czech Republic). He also worked in Bieszczadzsky, Tatransky, Roztoczański and Pieninsky National Parks (Poland). For many years ZAHULSKYY cooperated actively with different institutions like the administrations of the Carpathian Biosphere Reserve 'Medobory' and the 'Rostochya' Nature Reserves as well as with Carpathian National Nature Parks Yavorivskyy and 'Skolivski Beskydy' and Lviv Province Department of Ecology and Natural Resources. His biodiversity studies in these parks are of great interest. For some of these studies he even placed his private resources at disposal. His grandfather's house in the village of Pidlyssya is exemplary in this context, which he used as a botanical field station for the Northern Podilya exploration. This house has been since then a favourite haunt for many Ukrainian and foreign scientists, Ph.D. students and naturalists.

In 1993 Mykhaylo organised an excursion with the botanists of the L'viv National University and the Institute of Botany of the University of Graz to the Ukrainian Carpathian Mts. As a result of this excursion *Nigritella carpatica* – a relict species of the Eastern Carpathian Mts. – was described together with H. TEPNER and E. KLEIN.

In order to improve the available data on biodiversity, he managed many research projects and was (co-)author of project reports like "Inventory and database on rare plant species in the western provinces of Ukraine", or in 1999–2000, "Yavorivskyy National Nature Park establishment". During the same period he was also the leader of a botanical group of International Polish-Ukrainian-Byelorussian project "Ecological valley corridor of Western Bug river: state, threats and preservation", supported by IUCN. Till his death he prepared in co-operation with A. ZELENCHUK the "Check-list of vascular plants of Lviv Province listed in the Ukrainian Red Book", which is not published yet. He was



Fig. 1: M. M. ZAHULSKYY in 1993

the member of the National Commission for the Ukrainian Red Book and of Advisory Council for the Yavorivskyy National Nature Park management.

He was the organiser and editor of the "Lyubka-Platanthera" Journal (The Bulletin of the Ukrainian Society for the Protection of Orchids). Together with his colleagues he prepared the first two issues (1997 and 1998). His disappointment about the inability to publish further issues due to lack of resources was great, which didn't hinder him from following other goals.

Mykhaylo ZAHULSKYY was a member of several scientific organisations: Ukrainian Botanical Society, Shevchenko Scientific Society, European Commission for Orchids, Ukrainian Nature Protection Society, Ukrainian Society for Protection of Orchids and Carpathian Society.

He always had a sympathetic ear for everybody problems, botanical or otherwise, and one hardly finds anybody who sought help from him and got turned away. He will always remain in our memory as a good friend, wise advisor and a beloved teacher to his students. More than his colleagues and friends he will be missed by his two children (Nataliya, 9 years and Taras, 6 years old), his wife Nataliya, his parents and all other family members.

Mykhaylo set many goals in his life and achieved most of them at a young age. His life ends like a suddenly interrupted song, a song tuned to botany.

Acknowledgements

We thank Mr. Pramodchandra HARVEY for improvement of the English version of the manuscript.

Chronological list of Mykhaylo ZAHULSKYY's publications

- ZAHULSKYY M. N. 1985a. Human impact on the coenopopulations of orchids in the western provinces of Ukraine. – Biogeocoenologic studies in Ukraine (Lviv, 18–19th of December 1984): Abstracts of 3rd pan-Ukrainian Meeting, Lviv, 124–125. (in Russian).
- 1985b. About the methodology of studying rare plant species in nature reserves. – Theoretical background of nature conservation (Lviv, December 18–19 1985): Abstracts of pan-USSR Meeting, 92–93. (in Russian).
 - 1985c. Orchids within the three local nature reserves of Lviv Province. – Dep. in UkrNIINTI 13. 5. 1985, N 10084 Uk-85 Dep., 10. (in Russian).
 - 1985d. Spread and conservation of orchids in the western part of the Podilya Region. – Young scientists and main directions of modern biology development: Proceedings of 16th scientific conference of young scientists of the MGU Biological Department (Moscow, 20–24, April, 1985), 33–35. (in Russian).
 - 1986a. The orchids of the Lviv Province and their conservation. – Conservation and cultivation of orchids: Abstracts of 3rd pan-USSR Meeting (Moscow, February, 1986), 33–34. (in Russian).
 - 1986b. The orchids of section *Orchis* of the flora of the Western Provinces of Ukrainian SSR. – Proceedings of 1st conference of young botanists of Leningrad city (Leningrad, April, 1986). Dep. in the VVINITY by 25. 9. 1986, N6847-B, 132–147. (in Russian).
 - 1987a. More about the orchid coenopopulations in the Ukrainian Carpathian Mts. – Bulletin of the Lviv University, Biological Sciences series 17 (Biocoenoses of the Carpathian Highlands, optimisation and conservation): 31–34. (in Ukrainian).
 - 1987b. New data about the spread of orchids (*Orchidaceae*) in the western provinces of Ukraine. – Abstracts of the VIII. Congress of the Ukrainian Botanical Society (Ivano-Frankivsk, May, 1987): 12. – Kyiv. (in Russian).

- 1987c. Orchids of the Upper Bug river massif and their conservation. – Proceedings of the MOIP, Zoological and botanical section “Usage and conservation of flora and fauna resources in USSR”: 125–127. – Moscow. (in Russian).
- ZELENCHEK A. T. & ZAHULSKYY M. N. 1987. New data about some protected plant species of the Lviv Province. – Proceedings of 18th scientific conference of young scientists of MGU Biological Department “Problems of modern biology” (Moscow, 20–24, April, 1987), Dep. in VINITI by 14. 9. 1987, N6654-I87, 99–103. (in Russian).
- ZHYZHYN M. P., ZAHULSKYY M. M. & KAHALO O. O. 1987. Spread and conservation of rare plant species in the Voronyaks (Volyno-Podilya, Ukrainian RSR). – Ukrainian botanical Journal 44 (6): 73–77. (in Ukrainian).
- ZAHULSKYY M. N. 1988. Orchids of the Ukrainian Carpathian Mts. and their conservation. – Carpathian Flora (Smolenitze, Slovak Republic, September, 19–22, 1988): Proceedings of the International conference of the CIC, 60–64. – Bratislava, (in Russian).
- 1989a. The localities of the orchids in the Voronyaks (Volyno-Podilya, Ukrainian RSR). – Ukrainian botanical Journal 47 (3): 60–64. (in Ukrainian).
- 1989b. Some peculiarities of reproductive biology of the orchids in the Western Provinces of Ukraine. – Abstracts of all-USSR conference “Theoretical and Applied carpology” (Kishinev, Moldova, October, 30–November, 1), 179–180. – Kishinev. (in Russian).
- 1989c. Population morphological differentiation of *Dactylorhiza majalis* flowers in the western provinces of Ukrainian RSR. – Proceedings of scientific conference of Lviv University, biological sciences section (Lviv, 9–14 February, 1987). Dep. in UkrNIINTI by 06. 2. 1989, N516-UK89, 105–108. (in Russian).
- ZHYZHYN M. P., ZAHULSKYY M. N., KUKOVYTSYA H. M. & KAHALO M. M. 1989. Conservation and introduction perspectives for *Coronilla coronata*. – In: Role of botanical gardens for conservation, sustainable use and enrichment of the Plant Kingdom (Kyiv, May, 30 – June, 2, 1989), Abstracts of pan-Ukrainian Conference named after 150 anniversary of academician Fomin Botanical Garden establishment, 107–108. – Kyiv. (in Russian).
- ZAHULSKYY M. N. 1990a. Populations of *Cypripedium calceolus* L. in nature reserves of the Holohor and Voronyak regions (Volyno-Podilya, UkrRSR). – Proceedings of the MOIP, zoology and botany section “Resources of the nature, usage and conservation”, 87–90. – Moscow. (in Russian).
- 1990b. Population structure of orchids in a large city (e.g. Lviv). – Actual problems of botany and ecology (Kamyanets-Podilskyy, 14–16th of May, 1990): Abstracts of scientific conference, Kamyanets-Podilskyy, 10–11. (in Russian).
- 1990c. Population structure of orchids under anthropogenic impact in Rostochya and External Carpathian Mts. – Badania biologiczne ekosystemow ladowych i wodnych Roztocza i Karpat Wschodnich w warunkach antropopresji (Lublin, Poland, 25–27th of September, 1989): Abstracts of the international conference, Lublin, 59–60. (in Russian).
- & BYCHENKO T. M. 1990. More about coepopulation structure of *Orchis militaris* L. (*Orchidaceae*) in different parts of the areal. – Actual problems of botany and ecology (Kamyanets-Podilskyy, 14–16th of May, 1990): Abstracts of scientific conference, Kamyanets-Podilskyy, 10. (in Russian).
- 1990d. The study of the structure and reproductive peculiarities of the orchid populations in the Ukrainian Carpathians. – Bull. slov. bot. Spol. 12 (3): 52–55.
- 1991a. Zoological characteristics of *Orchidaceae* family in the Western provinces of Ukraine. – Bulletin of the Lviv University, biological series, 21 (Biotic resources of Roztochya and External Carpathians and their anthropogenic changes), 13–16. (in Ukrainian).
- 1991b. State and monitoring of orchid coenopopulations in the western provinces of Ukraine. – Abstracts of the conference “Plant populations: principles of organisa-

- tion and problems of nature conservation" (Yoshkar-Ola, Russia, 1991), 33–34. (in Russian).
- , HLOZHUK I. Z. & KRUK L. O. 1991. Peculiarities of reproductive biology of *Coronilla coronata* coenopopulations in the northern border of distribution. – Abstracts of the conference "Plant populations: principles of organisation and problems of nature conservation" (Yoshkar-Ola, Russia, 1991), 32–33. (in Russian).
- BYCHENKO T. M. & ZAHULSKYY M. N. 1991. Population structure of some forest orchids under anthropogenic pressure. – Proceedings of Lviv city young botanists "Actual problems of phytobiota study in the western region of Ukraine" (Lviv, April 2–5, 1990), 18–21. (in Russian).
- ZAHULSKYY M. M. 1991c. Contemporary population structure of *Orchis militaris* L. (*Orchidaceae*) in the north-western part of Volyno-Podilya (UkrRSR). – Proceedings of Lviv city young botanists "Actual problems of phytobiota study in the western region of Ukraine" (Lviv, April 2–5, 1990), 37–39. (in Ukrainian).
- MATLAY I. Y., BATOCHENKO B. M. & ZAHULSKYY M. M. 1991. Stepan Lukyanovych Shelest (1910–1989) – self-made botanist. – Proceedings of Lviv city young botanists "Actual problems of phytobiota study in the western region of Ukraine" (Lviv, April 2–5, 1990), (in Ukrainian).
- ZAHULSKYY M. M. & PROTS B. H. 1991. More about coenopopulation structure of rare plant species within urbanised territories. – Abstracts of the scientific conference "Problems of urban ecology and phytomelioration" (Lviv, September 11–12, 1991), 72. (in Ukrainian).
- KAHALO O. O., ZAHULSKYY M. N. & BYCHENKO T. M. 1991. *Cypripedium calceolus* L. in the different parts of the areal (florocoenogenetic viewpoint). – Abstracts of the conference in the memory of L. M. Cherepnin "The Flora of Siberia and Far East", 26–28. – Krasnoyarsk. (in Russian).
- ZAHULSKYY M. M. 1992a. Specialities of ontogenesis and coenopopulation structure of *Orchis militaris* L. (*Orchidaceae*) in the western provinces of Ukraine. – Abstracts of the conference "Ontogenesis studies of introduced species of native floras in botanical gardens (theoretic and methodological aspects, study results)", 40–41. – Kyiv. (in Ukrainian).
- 1992b. Importance of Herbaria for zoological databanks. – Abstracts of scientific conference "Conservation Problems of the Ukrainian Red List flora and fauna species", 62–64. – Mykolayiv. (in Ukrainian).
- 1992c. Zoological evaluation and problems of orchids conservation in the western provinces of Ukraine. – Abstracts of scientific conference "Conservation Problems of the Ukrainian Red List flora and fauna species", 62–64. – Mykolayiv. (in Ukrainian).
- 1992d. *Cypripedium calceolus* L. (*Orchidaceae*) in the western provinces of Ukraine. – IX Abstracts of the Congress of the Ukrainian Botanical Society, 16. – Kyiv. (in Ukrainian).
- 1992e. The Herbarium of the Lviv University (LW): history, modern times and perspectives of future development. – Abstracts of the 4th young botanists conference of Saint Petersburg city (section of floristics and systematics), 29. (in Russian).
- 1992f. Some summaries of the study of the *Orchidaceae* family in the western regions of Ukraine. – Abstracts of the 4th young botanists conference of Saint Petersburg city (section of floristics and systematics), 30. (in Russian).
- 1993a. Changes in the taxa of the *Orchidaceae* family in Lviv city during the last 150 years. – Abstracts of young scientists and specialists conference "Actual problems botany and ecology" (Yalta, October 19–21 1993), 47. – Kyiv. (in Ukrainian).
- , LISCHYNSKA Ch. I. & KRMLI' T. C. 1993. The additional studies about peculiarities of reproductive population biology of the orchids in the western provinces of Ukraine.

- Abstracts of young scientists and specialists conference “Actual problems botany and ecology” (Yalta, October 19–21 1993), 48. – Kyiv. (in Ukrainian).
- ZAHULSKYY M. M. 1993b. Population structure and conservation of the orchids (*Orchidaceae*) in the local nature reserves of Voronyak and Holohir in Volyno-Podilya. – Proceedings of international scientific conference named after 25 year anniversary of the Carpathian Biosphere Reserve establishment “Ecological background for improvement and usage of nature conservation heritage” (Rachiv, October 11–15, 1993), 155–157. (in Ukrainian).
- CHORNEY I. I., ZAHULSKYY M. M., SMOLINSKA M. M. & KOROLYUK V. I. 1993. State and perspectives of rare plant species protection in the upper part of Bilyy Cheremosh river. – Proceedings of international scientific conference named after 25 year anniversary of the Carpathian Biosphere Reserve establishment “Ecological background for improvement and usage of nature conservation heritage” (Rachiv, 11–15 of October, 1993), 70–72. (in Ukrainian).
- PROTS B. H. & ZAHULSKYY M. M. 1993. Population structure of *Dactylorhiza majalis* (Orchidaceae) in the industrial environment. – Abstracts of the international conference “Industrial Botany: state and development perspectives” (Kryvyi Rih, May 1993), 28–29. – Donetsk. (in Ukrainian).
- ZAHULSKYY M. M. & CHORNEY I. I. 1993. New locality of *Nigritella nigra* (L.) REICHENB. (*Orchidaceae*) in the Ukrainian Carpathian Mts. – Ukrainian botanical Journal 50 (2): 125–129. (in Ukrainian).
- ZAHULSKYY M. N. 1993c. Some results, problems of study and conservation of the orchids in the western regions of Ukraine. – Abstracts of the international conference “Problems of biological diversity preservation in Byelorussia” (Minsk, October 1993), 84–86. (in Russian).
- 1993d. The distribution of *Cypripedium calceolus* (Orchidaceae) in western regions of the Ukraine. – Botanicheskij Zhurnal 78 (8): 102–107. (in Russian).
- & ZHUK O. O. 1994. Ontogenesis peculiarities and coenopopulation structure of *Traunsteinera globosa* (L.) REICHENB. (*Orchidaceae*) in the western provinces of Ukraine. – Proceedings of the conference “Plants ontogenesis study of native and cultivated floras in botanical institutions of Eurasia”, 56–58. – Kyiv-Lviv. (in Ukrainian).
- TEPPNER H., KLEIN E., DRESCHER A. & ZAGULSKIJ M. 1994. *Nigritella carpatica* (*Orchidaceae-Orchideae*) – ein Reliktendemit der Ost-Karpaten. Taxonomie, Verbreitung, Karyologie und Embryologie. – Phytion (Horn, Austria) 34 (2): 169–187. (in German with English summary).
- ZAHULSKYY M. M. 1995a. Ivan Franko Lviv University Herbarium. – In: Herbaria of Ukraine, 60–63. – Kyiv. (in Ukrainian).
- 1995b. Evaluation of Nature conservation status of the western Ukrainian orchids. – Abstracts of the International conference “Actual questions of plants physiology in the aspect of Ukrainian ecological problems”, 20. – Kyiv. (in Ukrainian).
- VAKHRAMEYEVA M. G., ZAHULSKYY M. N. & BYCHENKO T. M. 1995. *Orchis militaris*. – In: PAVLOVA V. N. & TIKHOMIROV V. N., (Eds.), Biological flora of the Moscow province. 10: 64–74. – Moscow, MGU, ‘Argus’ Publishers. (in Russian).
- VAKHRAMEYEVA M. G. & ZAHULSKYY M. N. 1995. *Plantanthera chlorantha*. – In: PAVLOVA V. N. & TIKHOMIROV V. N., (Eds.), Biological flora of the Moscow province. 11: 117–131. – Moscow, MGU, ‘Argus’ Publishers. (in Russian).
- ZAHULSKYY M. M. & CHORNEY I. I. 1996. Orchids of the Chernivtsi province. – Green Bukovyna 3–4 (1995)/12 (1996): 54–57. (in Ukrainian).
- ZAHULSKYY M. M. 1996. Problems of orchids (*Orchidaceae* JUSS.) conservation in the western provinces of Ukraine. – Partnerstwo w ochronie rodowiska (Wrocław, Poland, 23–25 Maja 1996): Referaty konferencji, 42. (in Ukrainian).

- ZELENCUK A. & ZAHULSKI M. 1996. Ochrona flory zachodnich regionow Ukrainy w warunkach synantropizacji. – Partnerstwo w ochronie środowiska (Wrocław, Poland, 23–25 Maja 1996): Referaty konferencji, 41. (in Ukrainian).
- VAKHRAMEYEVA M. G., VARLYGINA T. I., TATARENKO I. V., LITVINSKAYA S. A., ZAHULSKYY M. N. & BLINOVA M. N. 1997. Species of Eurasian orchids under anthropogenic impact and some problems of their conservation. – Bulletin of the Moscow Naturalist Society. Biology section 102 (4): 35–43. (in Russian).
- ZAHULSKYY M. M. 1997. Nature conservation evaluation of the orchids in the western provinces of Ukraine and the state of their protection. – Proceedings of International scientific conference named after 550 anniversary of Rachiv city establishment “Modern state of biodiversity study and conservation in countries of the Carpathian region” (Rachiv, September 25–27, 1997), 59–63. (in Ukrainian).
- ALEMBETS T. M. & ZAHULSKYY M. M. 1998. Regeneration and growth of callus tissue in *Dactylorhiza majalis* and *Orchis morio* (Orchidaceae). – Abstracts of young scientists conference “Actual problems of botany and ecology” (Kherson-Lazurne, September 7–11, 1998), 90–91. (in Ukrainian).
- ALEMBETS T. M., YAVORSKA N. Y. & ZAHULSKYY M. M. 1998. Regeneration and growth of callus tissue in *Dactylorhiza majalis* (Orchidaceae). – Proceedings of the International conference “Plants ontogenesis in natural and changed environment” (Lviv, June 1–4, 1998), 25–27. (in Ukrainian).
- ZAHULSKYY M. M., BASAMAK H. M., BUCHKO H. M. & BUCHKO P. M. 1998. Some eco-biological peculiarities in *Dactylorhiza sambucina* (L.) Soo (Orchidaceae) in Ukrainian Carpathian Mts. – Proceedings of the International conference “Plants ontogenesis in natural and changed environment” (Lviv, June 1–4, 1998). (in Ukrainian).
- 1998a. Dissertations about orchids. – Lyubka-Platanthera: [Bulletin of the Ukrainian Society for protection of orchids] 1–2(1997/1998): 22–23. (in Ukrainian).
 - 1998b. Findings of orchids in the western provinces of Ukraine. – Lyubka-Platanthera: [Bulletin of the Ukrainian Society for protection of orchids] 1–2 (1997/1998): 11. (in Ukrainian).
 - 1998c. International Symposium “Orchid populations: study and protection”. – Lyubka-Platanthera: [Bulletin of the Ukrainian Society for protection of orchids] 1–2(1997/1998): 20–21. (in Ukrainian).
 - & ALBOKHA O. O. 1998. Family *Orchidaceae* JUSS. in the Ukrainian Red Book. – Lyubka-Platanthera: [Bulletin of the Ukrainian Society for protection of orchids] 1–2 (1997/1998): 8–9. (in Ukrainian).
 - & KOVPAK O. M. 1998. Orchids of the Skolivsky Beskydy (Ukrainian Carpathians). – Lyubka-Platanthera: [Bulletin of the Ukrainian Society for protection of orchids] 12 (1997/1998): 13–15. (in Ukrainian).
- ALEMBETS T. M., DEMKIV O. T. & ZAHULSKYY M. M. 1998. The studying of regeneration ability of *Dactylorhiza majalis* and *Orchis morio* in vitro. – II International Symposium on Plant Biotechnology (Kyiv, October 4–8, 1998), 12. – Kyiv. (in English).
- PROC B., ZAHULSKI M. & DRESCHER A. 1998. Storzan-bezlistny *Epipogium aphyllum* w Karpatach Ukrainskich i na terenach przyległych. – Chronimy Przyr. Ojcz. 54 (1): 77–83. (in Polish).
- 1998d. The history and the collections of the Lviv State University Herbarium. – Proceeding of the second international conference for preservation of botanical collections “Botanical collections throughout the world” (Krakow, June, 26–29, 1997), 65–67. – Krakow. (in Polish).
 - 1998d. Stan i problemy ochrony gatunków z rodziny *Orchidaceae* JUSS. W górnej części basenu Zachodniego Bugu. – Poleski Rezerwat Biosfery (Włodawa-Hola, 12–14 czerwca 1998 r.): Mater. z konfer. nauk. na temat możliwości utworzenia Międzynarodowego Rezerwatu Biosfery Polesie.– Piasiki: Ekologiczny Klub UNESCO, 48–52. (in Polish).

- CHORNEY I. I., BUDZHAK V. V., ZAHULSKYY M. M., HAVRYLYUK V. O., TURLAY O. I. & TOKARYUK A. I. 1999. Floristic findings in the Bukovynsky Carpathians and the Precarpathians. – Bulletin of the Chernivtsi University, Collection of scientific studies, Biology 39: 3–14. – Chernivtsi, CHSU Publisher. (in Ukrainian).
- OCHYRA R., ZAHULSKYY M. M. 1999. The Grave of Antoni Rehmman (1840–1917). – Bryologist 102 (4): 781.
- ZAHULSKYY M. M. 1999a. Vegetation cover. – In: Lazaryk I. Dobromyl city and surroundings, 290–294. – Kolomyya. (in Ukrainian).
- ALBOKHA O. O., ZAHULSKYY M. M., ALEMBETS T. M., ZHUK O. O., KOVPAK O. M. & KHMIL' T. C. 1999. Some peculiarities of reproductive biology in genera *Dactylorhiza*, *Gymnadenia* and *Traunsteinera* species (*Orchidaceae*) in the western part of Ukraine. – Abstracts of the international conference “Protection and cultivation of orchids” (Kyiv, September, 1999), 23–24. (in Ukrainian).
- 1999b. Composition changes of orchids (*Orchidaceae* Juss.) during the last 200 years in the western part of Ukraine and their conservation. – Abstracts of the international conference “Protection and cultivation of orchids” (Kyiv, September, 1999), 54–56. (in Ukrainian).
- 1999c. Distribution and protection of the orchids of the western regions of Ukraine. – Abstracts of the international conference “Le 14^{ème} Colloque de la SFO (Paris, 20–21 November 1999), 40. (in English).
- 1999d. Identification of nature-conservation fund in accordance to the criteria of the CORINE programme. – Abstracts of the Ukrainian–Polish Seminar “Influence of transboundary factors on forming of Lviv region ecological situation” (Lviv, December 16–18, 1999), 27. (in Ukrainian).
- 1999e. Eustachy WOŁOSZCZAK. – Wiad. Botan. 43 (3/4): 51. (in Polish).
- 1999f. Eustachy WOŁOSZCZAK. – Wiad. Botan. 43 (3/4): 52. (in Polish).
- 1999g. Chorological problems of the orchids in the western regions of Ukraine. – Abstracts of the XVI International Botanical Congress in St. Louis, USA (August 1–7, 1999), 418. (in English).
- BIELCZUK U., DIDUKH Y., KAGALO A., PAUL W., ZAHULSKYY M. M. & ZARZYCKI K. 2000. Expedition “Podolia 2000”. Botanical Guidebook. Vascular plants and lichens. 66 p. – Krakow, Bolestraszyce, Lviv, W. Szafer Institute of Botany. (in English).
- ALEMBETS T. M. & ZAHULSKYY M. M. 2000. Induction of callus forming in *Orchis morio* and *Dactylorhiza majalis* (*Orchidaceae*). – Proceedings of first young scientists conference in Lviv city (Lviv, 24th of November, 1998). Bulletin of the Institute of Ecology of the Carpathians, 5–7. – Lviv, “Liga-Press”. (in Ukrainian).
- ZAHULSKYY M. M. 2000a. Ukrainian Red List of vascular plants of the Ukrainian Rostochya. – Proceedings of the International scientific conference “Problems and perspectives of nature conservation objects development in Rostochya” (Shklo, July 6–7, 2000), 145–149. (in Ukrainian).
- , KUCHYNSKA I. B. & MAYDANSKY M. A. 2000. Zoological evaluation of the “Yavorivsky” National Nature Park territory. – Proceedings of the international scientific conference “Problems and perspectives of nature conservation objects development in Rostochya” (Shklo, July 6–7, 2000), 150–152. (in Ukrainian).
- CHORNEY I. I., KORZHUK V. P., SKILSKYY I. V., ZAHULSKYY M. M. & BUDZHAK V. V. 2000. Environmental conditions, zoological characteristics of the flora and fauna of terrestrial vertebrates in the “Cheremoshsky” Regional Landscape Park. – Nature Conservation business in Ukraine 6 (1–2): 95–100. (in Ukrainian).
- ZAHULSKYY M. M. 2000b. Distribution et protection des orchidées dans l'Ouest de l'Ukraine. – Cahiers de la Société Française d'Orchidophilie 6, 14^{ième} colloque de Paris, 20–21 Novembre 1999: 151–158. (in French).
- 2001a. *Corallorhiza trifida* CHATEL. (*Orchidaceae* Juss.) in the western provinces of Ukraine. – Ukrainian botanical Journal 58 (1): 67–73. (in Ukrainian).

- , ZHUK O. & KHMIL' T. 2001. Importance of *Rostochya* in eco-web and botanical aspects of its forming in the western part of Ukraine. – Proceedings of the Rostochansky Meeting 2000: conference (Starychi, Lviv Province, November 17–18, 2000). Vol. 2: 243–245. – Lviv, 'Merkator' Publisher. (in Ukrainian).
 - & CHORNEY I. 2001. Phytosozological aspects of transboundary Biosphere Reserve necessity in Chyvchynakh. – Proceedings of the Rostochansky Meeting 2000: conference (Starychi, Lviv Province, November 17–18, 2000). Vol. 2, Lviv, 'Merkator' Publisher. (in Ukrainian).
 - 2001b. Distribution and conservation of *Dactylorhiza sambucina* (L.) Soó (*Orchidaceae*) in Ukraine. – Bulletin of the Lviv University, Biology series, 27: 70–77. (in Ukrainian).
 - & ZEMANEK A. 2001. Antony REMAN – an outstanding explorer of European and Southern African vegetation cover (160 anniversary of his birthday). – Bulletin of the Lviv University, Biology Series 27: 262–266. (in Ukrainian).
 - 2001c. Distribution and zoological evaluation of orchids (*Orchidaceae* Juss.) in the Ukrainian *Rostochya*. – Proceedings of Shevchenko Scientific Society, Ecology section, 226–235. (in Ukrainian).
 - 2001d. The main collections and type specimens of Lviv National University Herbarium (LW, Ukraine). – Abstracts of the the 3rd International Conference on Preservation of Botanical Collections (Beijing, of September 23–26, 2001), 30. (in English).
 - , KHMIL' T., ŽUK O. & DANYLYK I. Szata roślinna doliny Bugu na Ukrainie.
 - & ZELENCHUK A. The check-list of vascular plants of Lviv Province listed in the Ukrainian Red Book (in Ukrainian).
 - The main collections and type specimens of the Lviv National University Herbarium (LW, Ukraine).
 - Actual problems of study and protection of orchids in Ukraine.
- ALBOKHA O., BATOCHENKO V., CHORNEY I., KHMIL' T., PIDHREBELNA O., TYMCHENKO I., ZAHULSKYY M. M. & ZHUK O. Participation of Ukrainian NGO's in orchids conservation activities.