Published December 27, 2018

Klapalekiana, **54**: 303–323, 2018
ISSN 1210-6100

Vzpomínka na Tomáše Soldána (9. listopadu 1951 – 13. srpna 2018)

In memory of Tomáš Soldán (9 November 1951 – 13 August 2018)



Obr. 1. Tomáš Soldán u řeky Křemelná nedaleko zaniklé osady Starý Brunst v roce 2007 (fotografie Světlana Zahrádková).
Fig. 1. Tomáš Soldán at the Křemelná River close to the former settlement Starý Brunst in 2007 (photograph Světlana Zahrádková).

V pondělí 13. srpna 2018 odešla výrazná osobnost české entomologie, profesor Tomáš Soldán. Zemřel po krátké nemoci ve věku nedožitých 67 let.

Tomáše Soldána zajímala zoologie, respektive entomologie, již od dětství. Po absolvování Gymnázia Botičská směřovaly jeho kroky na Přírodovědeckou fakultu Univerzity Karlovy. V té době zde působili vynikající učitelé a entomologové, jako Karel Hůrka, Milan Chvála nebo Pavel Štys. Možná právě jejich přístup k vedení studentů a skvělé přednášky Pavla Štyse o morfologii hmyzu ovlivnily i budoucí směřování Tomáše Soldána.

Po ukončení studia a absolvování povinné vojenské služby nastoupil Tomáš v létě 1975 na Oddělení morfologie hmyzu Entomologického ústavu ČSAV, který v té době sídlil ve Viničné ulici v Praze. O čtyři roky později se přestěhoval i s rodinou do Českých Budějovic, kam z Prahy postupně přešly některé biologické ústavy Akademie věd. Podílel se na přípravě nových laboratoří, pracoven a chovů a v roce 1985 i na organizaci stěhování Entomologického ústavu do jeho současných prostor v Branišovské ulici. Tomáš byl silně spjatý s životem a děním na Entomologickém ústavu, na začátku devadesátých let jej i krátce řídil, později po mnoho let vedl Laboratoř ekologie vodního hmyzu a zaměstnán zde byl až do konce svého života.

Jeho vědeckou doménou byla taxonomie a morfologie jepic. Podařilo se mu navázat na činnost svého předchůdce Vladimíra Landy, a postupně se stal jednou z vůdčích osobností tohoto oboru. Komunita vědců studujících jepice je celosvětově poměrně malá a Tomáš tvořil její neodmyslitelnou součást. Spolupracoval s řadou českých i zahraničních kolegů, přičemž s mnohými z nich udržoval velmi přátelské vztahy, které šly často nad rámec běžných profesionálních kontaktů. Z těch zahraničních lze za všechny jmenovat Michela Sartoriho, manžele Williama a Janice Petersovy, Ernsta Bauernfeinda, Javiera Albu-Tercedora nebo Eldu Gaino. V poslední době spolupracoval především se Světlanou Zahrádkovou a Jindřiškou Bojkovou z Přírodovědecké fakulty Masarykovy univerzity, Miroslavem Papáčkem z Pedagogické

fakulty Jihočeské univerzity a se svými českobudějovickými nástupci v laboratoři – Pavlem Srokou a Romanem Godunkem.

Tomáš byl celý život nadšeným sběratelem, miloval expedice a na výpravách za jepicemi procestoval mnoho zemí všech kontinentů. Díky jeho úsilí se na Entomologickém ústavu podařilo vybudovat sbírku jepic, která je jednou z největších na světě a zahrnuje kolem jednoho milionu jedinců. Tomáš přivezl množství materiálu, který se stal základem odborných článků s popisy nových druhů. Sám na základě materiálu shromážděného během zahraničních expedic a stáží popsal více než 70 druhů jepic. Během terénních výprav za hmyzem býval Tomáš příjemným a vtipným společníkem. V posledních letech jeho života mu právě sběr materiálu v dosud neprozkoumaných oblastech přinášel největší radost z práce.

Za svůj život Tomáš Soldán napsal více než 300 vědeckých prací, od monografií (například zásadní kniha The Mayflies of Europe z roku 2012), přes původní vědecká sdělení až po popularizační články, učebnice a skripta. Za svůj přínos k poznání jepic získal Cenu za celoživotní dílo, udělovanou u příležitosti mezinárodních konferencí zaměřených na jepice a pošvatky. Ocitl se tak ve společnosti těch historicky největších osobností tohoto oboru. O úctě jeho kolegů svědčí i to, že hned devět druhů jepic bylo popsáno zahraničními kolegy na jeho počest a nesou patronymické druhové jméno soldani.

Vědecká práce Tomáše Soldána nezůstala omezena jen na problematiku jepic. Zabýval se vlivem biologicky aktivních látek na reprodukci hmyzu, například se podílel na vývoji metody sterilizace samců bodalky tse-tse, která byla v 80. a 90. letech minulého století úspěšně aplikována v řadě afrických států. Spolupracoval i na výzkumu ontogeneze gonád vodních ploštic a na řadě komplexních faunisticko-ekologicky laděných projektů týkajících se taxocenóz vodního hmyzu. Řada jeho výsledků se promítla aplikačně do podoby zpřesnění metodik hodnocení kvality vod.

Tomáš byl rovněž aktivní v oblasti ochrany přírody. Mimo jiné byl od roku 2002 i členem komise pro udělování anticen Ropáka roku (o antiekologický čin) a Zelené perly roku (o antiekologický výrok), kterou více než 25 let pořádá spolek Děti Země. Letos v dubnu ještě v obou těchto anketách hlasoval. Aktivně působil i v České společnosti entomologické, jejímž členem byl od roku 1978, v letech 1998–2012 pak působil ve výboru této společnosti a pomáhal rozvíjet entomologickou tradici v České republice.

Tomáš se věnoval i pedagogické činnosti, již od svého příchodu do Českých Budějovic v roce 1979 přednášel, vedl cvičení, terénní praktika a exkurze. Působil na tehdy samostatné Pedagogické fakultě a na Agronomické fakultě pražské Vysoké školy zemědělské sídlící v Českých Budějovicích. V letech 1991–1992 byl jedním z prvních přednášejících na nově vzniklé Biologické fakultě Jihočeské univerzity, na jejíž katedře zoologie externě působil do posledních dnů. Zvláště na terénních exkurzích udivoval studenty svými rozsáhlými znalostmi, kdy dokázal něco říci prakticky o jakémkoli nalezeném druhu hmyzu.

Ve volném čase Tomáš velmi rád četl a vybudoval rozsáhlou sbírku knih. Zaměřoval se na detektivní romány, geografické a cestopisné knihy. Mnoho přečetl na téma dějin 20. století a v této oblasti si udržoval široký přehled. Byl dobrým řidičem, ještě za socialismu procestoval celý Balkán trabantem, a na sběratelských výpravách najezdil tisíce kilometrů.

Česká i světová entomologie tak přišla o jednu z výrazných a nezaměnitelných osobností.

Professor Tomáš Soldán, a distinct personality in Czech entomology, passed away after a short illness at the age of 66 on Monday 13 August 2018.

Tomáš Soldán's lifelong interest was in zoology, in particular entomology. After completing his high-school studies in Botičská, he entered the Faculty of Natural Sciences at Charles Univesity. At that time, many excellent teachers and entomologists were based there, such as Karel Hůrka, Milan Chvála, and Pavel Štys. Maybe it was their attitude to the supervision of students and the excellent lecturing of Pavel Štys on insect morphology that influenced the future direction of Tomáš Soldán's life.

After completing his university studies and compulsory military service, Tomáš started working at the Department of Insect Morphology at the Institute of Entomology of the Czechoslovak Academy of Sciences, which resided in Viničná Street in Prague at that time. Four years later, he moved with his family to České Budějovice, where several biological institutes of the Academy of Sciences were being transferred. He participated in the preparation of the new lab space, offices, and insect breeding facilities. In 1985, he also took part in the organization of relocating the Institute to its current building on Branišovská Street. Tomáš was strongly attached to the life in the Institute of Entomology and briefly worked as its director at the beginning of 1990s. He was employed there until the end of his life and led the Laboratory of Ecology of Aquatic Insects for many years.

His scientific domain was the taxonomy and morphology of mayflies. He continued in the work of his predecessor Vladimír Landa and gradually became one of the leading experts in that field. The community of scientists studying mayflies is relatively small worldwide, and Tomáš was an indispensable member of it. He cooperated with a number of Czech and foreign colleagues. With many of them, he maintained very cordial relationships, which often went beyond regular professional contacts. Among such foreign friendships, we can mention those he had with Michel Sartori, William and Janice Peters, Ernst Bauernfeind, Javier Alba-Tercedor, and Elda Gaino. Recently he had worked mainly with Světlana Zahrádková and Jindřiška Bojková from the Faculty of Natural Sciences of the Masaryk University in Brno, Miroslav Papáček from the Faculty of Education of the University of South Bohemia and his successors in the lab – Pavel Sroka and Roman Godunko.

Tomáš was an enthusiastic insect collector; he loved expeditions and traveled through many countries on every continent of the world when collecting mayflies. Thanks to his efforts, one of the largest mayfly collections worldwide was assembled in the Institute of Entomology, containing more than a million specimens, and upon which many publications with new species descriptions have been based. Based on the material collected during expeditions abroad, Tomáš himself described more than 70 mayfly species. During the collecting field trips, Tomáš was a pleasant and entertaining companion. In the last years of his life, it was the collecting in poorly studied regions that brought him the greatest joy from his work.

During his whole life, Tomáš Soldán wrote over 300 scientific studies, including books (e.g. the essential The Mayflies of Europe from 2012), journal papers, popularization articles, and textbooks. For his contribution to the knowledge of mayflies, he was awarded with the Lifetime Achievement Award, awarded on the occasion of international conferences on mayflies and stoneflies. He thus entered the company of the greatest personalities in the history of his field. The high level of respect with which he was regarded by his colleagues is also demonstrated by the fact that nine mayfly species have been described by foreign colleagues in his honor and bear the patronymic name soldani.



Obr. 2. Entomologická expedice do Maroka v roce 2014, pohoří Vysoký Atlas (fotografie Jindřiška Bojková).
Fig. 2. Entomological expedition to Morocco in 2014, the High Atlas Mountains (photograph Jindřiška Bojková).

The scientific work of Tomáš Soldán was not restricted to the problematics of mayflies. He studied the effect of biologically active compounds on insect reproduction and participated in the development of a technique for the sterilization of tsetse fly males. This approach was successfully applied in a number of African states during the 1980s and 90s. He also participated in the research of gonad ontogeny in aquatic bugs and a number of complex faunistic or ecological projects involving taxocenes of aquatic insects. Many of his results were applied and resulted in the refinement of methodology for aquatic habitat quality evaluation.

Tomáš was also active in nature protection. He was a member of a committee for nominating the most nature-unfriendly act and the most nature-unfriendly public statement of the year in the Czech Republic. The persons responsible for these are awarded a symbolic anti-prize by the public organization The Children of Earth for the last 25 years. In April 2018, Tomáš voted in both these surveys. He actively participated in the Czech Entomological Society, being a member from 1978. Between 1998 and 2012, Tomáš was a member of the committee of this society and helped to develop the Czech entomological tradition.

Tomáš was also involved in education; from his arrival to České Budějovice in 1979, he gave lectures, led practice lessons and field excursions at the Faculty of Education and Faculty of Agriculture of the Prague Agricultural University, situated in České Budějovice. In 1991–1992, he was among the first lecturers at the newly founded Biological Faculty of the University of South Bohemia. He was an external member of the Department of Zoology until the end of his life. In particular, during field excursions he amazed the students with his broad knowledge, being able to say something about virtually any insect specimen found.



Obr. 3. Tomáš Soldán v Cirque de Salazie na ostrově Réunion v roce 2017 (fotografie Jindřiška Bojková).
Fig. 3. Tomáš Soldán in the Cirque de Salazie on Réunion Island in 2017 (photograph Jindřiška Bojková).

In his free time, Tomáš enjoyed reading and gathered a large collection of books. He focused mainly on crime novels and books about geography and traveling. He read a good deal about the modern history of the 20th century; in this field, he maintained a deep knowledge. He was a good driver, driving extensively in his Trabant in the difficult road conditions of the Balkans in the socialist era. On his collecting expeditions, he drove thousands of kilometers.

Both the Czech and international entomological community have lost one of their most distinctive and unique members.

Pavel Sroka & Aleš Bezděk

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