

## In memoriam Dr. Hans Ulrich (1934–2017)

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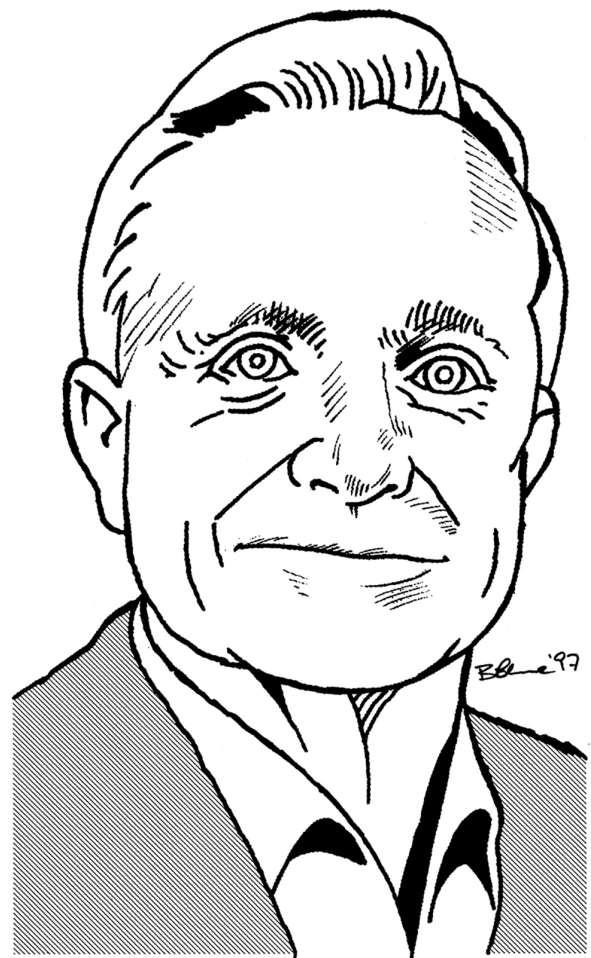
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On May 24, 2017, the long-term curator of the Diptera section of Museum Koenig, Dr. Hans Ulrich, passed away at the age of 83 years. With this obituary, we want to commemorate and celebrate his life and his scientific activities.

Hans Ulrich was born as the third child of the former Reichsbank inspector and later Bankrat (retired) Ferdinand Ernst Hans Hugo Ulrich and his wife Matilde Margarethe Marie Ulrich, born Löllke, on July 22, 1934 at Stendal, Saxony-Anhalt. In 1938 the family moved to Ludwigsburg in Baden-Württemberg. In December 1944, an aerial bomb attack destroyed most of the household. They moved to relatives at Nordhausen (Harz) where in two new aerial attacks in April 1945 the family lost again all they had. Shortly after the end of World War II and before the occupation of Thuringia by the Soviet army they returned to Württemberg and found a first quarter at Mundelsheim on the Neckar, then in Ludwigsburg and finally in Stuttgart.

Hans Ulrich entered basic school in spring 1940 and moved to high school in summer 1944. He finished his maturation at the Friedrich Schiller High School in Ludwigsburg. He started his university studies in biology, chemistry and geology at the Technical University Stuttgart and at the University of Tübingen in summer semester 1953 and finished in spring 1960 with an examination (state examen) for school teachers. On March 12, 1962 he received his doctoral degree with a histological dissertation on hippoboscids flies (Diptera: Hippoboscidae), at the Faculty of Natural Sciences of the Technical University of Stuttgart, under the tutorship of Prof. Dr. Otto Pflugfelder (1904–1994).

From May 1957 to April 1962, with one year interruption, Hans Ulrich served the Zoological Institute of the Technical University Stuttgart and the nearby Agricultural University Hohenheim. Subsequently, from May 1962 to June 1963, he became part of a team at the Landesanstalt für Pflanzenschutz (State institute for plant protection) within a focus program of the Deutsche Forschungsgemeinschaft (German Science Foundation, DFG) called “Integrative plant protection”. Next station of his career was a temporary employment as a scientific assistant at the Staatliches Museum für Naturkunde in Stuttgart, Department of Phylogenetic Research, from July 1963 to December 1965. These two and a half years



**Fig. 1.** Dr. Hans Ulrich (Sketch drawn by Peter Böhme).

were particularly important for him, since he proved to be the only assistant of the world-famous phylogeneticist Prof. Willi Hennig (1913–1976), and he became strongly influenced by Hennigian thinking for all his further scientific work.

A further station on his way was a temporary employment, within a DFG sponsored project at the Institut für Biologische Schädlingsbekämpfung (Institute for biological combat against noxious organisms) in Darmstadt, combatting the noxious tortricid moth *Cydia pomonella* Linnaeus, 1758 (Lepidoptera: Tortricidae). And only

thereafter, being employed again by the DFG at the Zoologische Staatssammlung München (Zoological State Collection Munich), he finally found his long-term special field of research, viz. the taxonomy and anatomy of two dipteran families: Dolichopodidae and Empididae.

In December 1971, he entered the Zoologisches Forschungsmuseum Alexander Koenig as a curator of dipterology and took responsibility for a collection which had been brought to international reputation by his predecessor Dr. Bernhard Mannheims (1909–1971), mainly in respect to blepharicerids, tipulids and limoniids. Internationally important was also the collection of phorid flies. Until the employment of a curator of hymenopterology in 1986, Hans Ulrich took also care of the Hymenoptera collection. In 1974 he became a preliminary civil servant which was extended to permanency in 1977.

Since 1974 he had an own assistant in his section, Mrs. Christa Große-Streuer, who helped him in all respects including his activity as editor of two ZFMK journals “Bonner zoologische Beiträge” (Festschrift H. E. Wolters 1975 and volumes 31–35, 1980–1984) and “Bonner zoologische Monographien” (nos 12–16, 1979–1982).

Hans Ulrich worked as a curator until 1999, and then continued as a volunteer until about 2012, his visits became rare. He spent quite some money on fossil Diptera, most of which he donated to the museum's collections. He also donated his books, and finally his house. He was a really generous curator.

### Taxon names coined by H. Ulrich and colleagues

*Amphithalassius* Ulrich, 1991  
*Amphithalassius latus* Ulrich, 1991  
*Amphithalassius piricornis* Ulrich, 1991  
*Microphorella similis* Brooks & Ulrich, 2012  
*Plesiothalassius flavus* Ulrich, 1991  
*Plesiothalassius natalensis* Ulrich, 1991  
 (all Diptera: Dolichopodidae)

### Taxa named after H. Ulrich

*Ulrichophora* Brown, 2007 (Diptera: Phoridae)  
*Metopina ulrichi* Disney, 1979 (Diptera: Phoridae)  
*Microphorella ulrichi* Gatt, 2003  
 (Diptera: Dolichopodidae)

### Publications List

Ulrich H (1963) Vergleichend histologische und zyklische Untersuchungen an den weiblichen Geschlechtsorganen und den innersekretorischen Drüsen adulter Hippobosciden (Diptera Pupipara). Deutsche entomologische Zeitschrift (Neue Folge) 10: 28–71

Ulrich H (1965) Der Fang- und Greifapparat von *Mantispa* – ein Vergleich mit Mantis. Natur und Museum 95: 499–508  
 Ulrich H (1966) Zum Aufbau der Ovarien von *Glossina morsitans* (Diptera). Deutsche entomologische Zeitschrift (neue Folge) 13: 379–382  
 Ulrich H (1968) Versuche über die Empfindlichkeit von *Trichogramma* (Hymenoptera, Chalcidoidea) gegenüber Fungiziden. Anzeiger für Schädlingskunde 40: 101–106  
 Ulrich H (1968) Ein verbesserter Käfig für die Massenaufzucht des Eiparasiten *Trichogramma* (Hymenoptera, Chalcidoidea). Entomophaga 13: 233–236  
 Ulrich H (1971) Zur Skelett- und Muskelanatomie des Thorax der Dolichopodiden und Empididen (Diptera). Veröffentlichungen d. Zoologischen Staatssammlung München 15: 1–44  
 Ulrich H (1972) Der Gattungsname *Anoplomerus* Rondani (Diptera, Dolichopodidae). Opuscula zoologica 111: 1–4  
 Ulrich H (1972) Zur Anatomie des Empididen-Hypopygiums (Diptera). Veröffentlichungen der Zoologischen Staatssammlung München 16: 1–27  
 Steyskal G C, Robinson H, Ulrich H, Hurley R L (1973) *Hydrophorus* Fallén, 1823 (Insecta, Diptera, Dolichopodidae): Request for suppression under the plenary powers of the designation by Macquart, 1827 of *H. jaculus* Fallén as type of the genus in favour of *H. nebulosus* Fallén in order to conserve consistent usage. Bulletin of zoological Nomenclature 30: 118–120  
 Ulrich H (1974) Das Hypopygium der Dolichopodiden (Diptera): Homologie und Grundplanmerkmale. Bonner zoologische Monographien 5: 1–60  
 Ulrich H (1975) Das Hypopygium von *Chelifera precabunda* Collin (Diptera, Empididae). Bonner zoologische Beiträge 26: 264–279  
 Ulrich H (1978) Abwandlungen im Bau des Dolichopodiden-Hypopygiums (Diptera) – I: *Medetera truncorum* Meigen. Bonner zoologische Beiträge 28: 412–420  
 Ulrich H (1980) Subfamilies of Dolichopodidae (Diptera). Abstracts of the 16<sup>th</sup> International Congress of Entomology: 24  
 Ulrich H (1980) Zur systematischen Gliederung der Dolichopodiden (Diptera). Bonner zoologische Beiträge 31: 385–402  
 Ulrich H (1984) Skelett und Muskulatur des Thorax von *Microphor holosericeus* (Meigen) (Diptera, Empidoidea). Bonner zoologische Beiträge 35: 351–398  
 Ulrich H (1988) Das Hypopygium von *Microphor holosericeus* (Meigen) (Diptera, Empidoidea). Bonner zoologische Beiträge 39: 179–219  
 Ulrich H (1991) Two new genera of parathalassine-like flies from South Africa (Diptera, Empidoidea). Bonner zoologische Beiträge 42: 187–216  
 Ulrich H, Schmelz R M (1998) Enchytraeidae (Oligochaeta) as prey of Dolichopodidae, recent and in Baltic amber. Abstract 4<sup>th</sup> international Congress on Diptera (Oxford): 231  
 Ulrich H, Schmelz R M (2001) Enchytraeidae as prey of Dolichopodidae, recent and in Baltic amber (Oligochaeta; Diptera). Bonner zoologische Beiträge 50: 89–101  
 Ulrich H (2003) How recent are the Empidoidea of Baltic amber? [Wie rezent sind die Empidoidea des Baltischen Bernsteinsteins?]. Studia dipterologica 10 (1): 321–327  
 Ulrich H (2005) Predation by adult Dolichopodidae (Diptera): a review of literature with an annotated prey–predator list. [Dolichopodiden (Diptera) als Prädatoren im Imaginalstadium: eine Literaturübersicht mit einem kommentierten Beute-Räuber-Verzeichnis.] Studia dipterologica 11 (2): 369–403  
 Brooks S E, Ulrich H (2012) *Microphorella similis* sp. nov. from Switzerland, a close relative of the type species, *Micro-*

*phorella praecox* (Loew) (Diptera: Dolichopodidae: Parathalassinae). Zootaxa 3489: 45–57

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- Gatt P (2003) New species and records of *Microphorella* Becker (Diptera: Empidoidea, Dolichopodidae) from the Mediterranean region. Revue suisse de Zoologie 110: 669–684
- Schriftleitung (1994) Wir stellen vor. Heute: Sektion Dipterologie, Leiter: Dr. Hans Ulrich. Tier und Museum (Bonn) 4 (1): 22–24