

Bio-Data

Bc. Tomáš Melichar

Head of board

Ekologické centrum Orlov o.p.s.

Plzeňská 134, Příbram I, 261 01 Příbram, Czech Republic

Res. Address : Orlov 8, Příbram 26101, Czech Republic

Contact number : +420 606 786 632

E-mail : sph.melichar@seznam.cz



PERSONAL DETAILS:

Name	Bc. Tomáš Melichar
Birth	21.06.1965
Sex	Male
Nationality	Czech

EDUCATIONAL QUALIFICATION: Bc. Higher Secondary
Specialization: Human resources management

EXPERIENCE :

Research - 25 years
Mentoring – 20 years

SCIENTIFIC RESEARCH PROJECTS – EXPEDITION:

- POSITION - Expedition Manager

1. **Cape Verde** - Research on the sphingidae group (1 year)
2. **Senegal** - Research on the sphingidae group (2 years)
3. **Guinea** - Research on the sphingidae group (1 year)
4. **Puerto Rico** - Research on the sphingidae group (2 years)
5. **Central African Republic** - Research on the sphingidae group (7 years)
6. **Gabon** - Research on the sphingidae group (5 years)
7. **India** - Research on the sphingidae group (10 years)

- Consultant

1. **Madagascar** - Research on the sphingidae group (1 year)

2. **Australia** - Research on the sphingidae group (1 year)

RESEARCH COLLABORATION:

1. Memorandum of Understanding (MoU) with University of Mysore. Knowledge and Assessment of the biodiversity and DNA barcoding of Lepidoptera/ Sphingidae, Coleopteran/Scarabaeoidea_Buprestidae_Cerambycidae in India (Approved by the National Biodiversity Authority – NBA/Tech Appl/9/631/12/15- 16/2820 dated 16.11.2015)
2. Canadian Centre for DNA bar-coding, Biodiversity Institute of Ontario, Canada. Participation in the creation of a genetic database in the group Sphingidae. (Processing of 4000 samples).
3. Member of the Czech Entomological Society.
4. Since 2010 he has been a member of the editorial board of the journal *Europien Entomologist*
5. Member of the Editorial Board of the *Indian Journal of Entomology* since 2021.
6. Cooperation with Charles University, Czech Republic. Faculty of Science DNA sample processing project.
7. Cooperation with Mendel University Brno, Czech Republic. Department of Animal Morphology, Physiology and Genetics - Insect DNA project.

Founder:

Sphingidae Museum - In 2006 I founded the Sphingidae Museum in the Czech Republic. The Sphingidae Museum is the second most comprehensive collection of Sphingid Moths in the world. The museum currently owns 1 525 species and more than 200 000 specimen.

SCIENTIFIC PUBLICATIONS:

- In 25 years of research, I have discovered and identified over 100 new species of Lepidoptera Sphingidae. And I have described them in the following publications.

J. Haxaire, Melichar T. 2003 Description d'un nouveau genre et d'une nouvelle espèce de Sphingidae d'Australie occidentale: *Zacria* gen. n. *vojtechii* sp. n. (Lepidoptera Sphingidae)

- R. Brechlin, Melichar T. 2006 Sechs neue Schwärmerarten aus China (Lepidoptera: Sphingidae)
- R. Brechlin, Melichar T. 2006 *Rhodoprasina mateji* sp. n., eine neue Sphingide aus China (Lepidoptera: Sphingidae)
- J. Haxaire, Melichar T. 2007 Description d'une seconde espèce de Sphingidae du genre *Coenotes* (Rothschild & Jordan 1903) provenant de l'île de Yamdena (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2007 Description d'un nouveau Sphingidae de nord de la Chine *Ampelophaga nikolae* sp. n. (Lepidoptera Sphingidae)
- J. Haxaire, Melichar T. 2008 Un nouveau Sphingidae de l'est africain: *Falcatula svaricki* sp. n. (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2008 Description d'un nouveau *Theretra* Hübner, [1819] d'Afrique de l'ouest: *Theretra tomasi* sp. n. (Lepidoptera, Sphingidae)
- U. Eitschberger, Melichar T. 2009 Eine neue *Ambulyx* Westwood, 1847 - Art von der indonesischen Insel Obi (Lepidoptera, Sphingidae)
- U. Eitschberger, Melichar T. 2009 2. Beitrag zur Kenntnis der Gattung *Angonyx* Boisduval, [1875] mit der Beschreibung von zwei neuen Arten (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2009 Un nouveau Sphingidae d'Ethiopie: *Rufoclanis numosae rostitlavi* ssp. n. (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2009 Un nouveau Sphingidae asiatique: *Daphnusa zythum* sp. n. (Lepidoptera Sphingidae)
- J. Haxaire, Melichar T. 2009 Description de la sous-espèce asiatique d'*Euchloron megaera* (Linnaeus, 1758), Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2010 Description d'une nouvelle espèce du genre *Kentorchrysalis* Staudinger, 1887 de Chine centrale: *Kentorchrysalis heberti* sp. n. (Lepidoptera, Sphingidae)
- U. Eitschberger, Melichar T. 2010 Die Taxa der Gattung *Daphnis* Hübner, 1819, die Neugliederung der Unterarten von *Daphnis hypothous* (Cramer, 1780) mit neuer Unterartbeschreibung und der Neotypusdesignations von *Sphinx hypothous* Cramer, 1780 (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2010 Description d'une nouvelle espèce du genre *Rhagastis* Rothschild & Jordan, 1903 de Sumatra et revision du taxon *meridionalis* Gehlen, 1928 de l'île de Java (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2011 Description de deux nouveaux Sphingidae du sud de la péninsule arabe (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2011 Description d'un nouveau Sphingidae de l'île de Madagascar *Daphnis kitchingi* sp. n. (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2011 Description d'une nouvelle sous-espèce de *Nephele xyliana* Rothschild & Jordan, 1910 de l'île de Socotra (Lepidoptera, Sphingidae)
- T. Melichar 2011 Un nouveau Sphingidae d'Afrique de l'est: *Rufoclanis haxairei* sp. n. (Lepidoptera, Sphingidae)

- U. Eitschberger, Melichar T. 2011 *Psilogamma* Rothschild & Jordan, 1903 - Studien (Lepidoptera, Sphingidae) (7. Beitrag zur Kenntnis der Gattung *Psilogamma* Rothschild & Jordan, 1903)
- J. Haxaire, Melichar T. 2012 Une nouvelle espèce du genre *Cautethia* Grote, 1865 de l'île de Cuba: *Cautethia fideli* sp. n. (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2012 Note sur les genres *Ceratomia* Harris, 1839, et *Dolbogena* Rothschild & Jordan, 1903, au Mexique, et description de *Ceratomia mooseri* sp. n. et *Ceratomia paltingi* sp. n. (Lepidoptera, Sphingidae)
- T. Melichar 2012 Official report on the sampling of the Sphingidae family in the state of Karnataka
- J. Haxaire, Melichar T. 2012 Note sur le genre *Theretra* du groupe *cajus* (Cramer, 1777) avec description de deux nouvelles espèces (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2013 Cinq nouveaux Sphingidae asiatiques (Lepidoptera: Sphingidae)
- T. Melichar, Řezáč M. 2013 Revision of the genus *Sphingonaepiopsis* Wallengren, 1858 (Lepidoptera, Sphingidae) of the Western Palaearctic
- U. Eitschberger, Melichar T. 2014 *Amphonyx haxairei* (Cadiou, 2006) und *Amphonyx vitrinus* (Rothschild & Jordan, 1910) im Vergleich (Lepidoptera, Sphingidae)
- U. Eitschberger, Melichar T. 2014 Beitrag zur Kenntnis von *Manduca chinchilla* (Gehlen, 1942) und der zu dieser nahe verwandten Arten (Lepidoptera, Sphingidae)
- T. Melichar, Řezáč M. 2014 A new species of the genus *Ambulyx* Westwood 1847 (Lepidoptera, Sphingidae) from the Indonesian island of Sangir
- T. Melichar, Řezáč M. 2014 A new subspecies of the genus *Amplipterus* Hübnér, [1819] (Lepidoptera, Sphingidae) from southern India
- T. Melichar, Řezáč M. 2014 A new species of the genus *Degma* Hampson, 1896 (Lepidoptera, Sphingidae) from Taiwan
- T. Melichar, Řezáč M. 2014 A new species of the genus *Griseophinx* Cadiou & Kitching, 1990 (Lepidoptera, Sphingidae) from Myanmar
- T. Melichar, Řezáč M. 2014 A new species of the genus *Kentrochrysalis* Staudinger, 1887 (Lepidoptera, Sphingidae) from China
- T. Melichar, Řezáč M. 2014 Two new taxa of the genus *Ceridia* Rothschild & Jordan, 1903 (Lepidoptera, Sphingidae)
- T. Melichar, Řezáč M. 2014 A new species of the genus *Neoclanis* Carcasson, 1968 (Lepidoptera, Sphingidae) from Kenya
- T. Melichar, Řezáč M. 2014 A new species of the genus *Theretra* Hübnér, [1819] (Lepidoptera, Sphingidae) from east Africa
- T. Melichar, Řezáč M. 2014 Two new subspecies of *Madoryx pseudothyreus* (Grote, 1865) (Lepidoptera, Sphingidae) from the Bahamas and Florida

- M. S. Moulds, Melichar T. 2014 A new species of hawk moth in the genus *Coenotes* Rothschild & Jordan from Australia (Sphingidae: Smerinthinae: Sphingulini)
- T. Melichar, Řezáč M. 2014 A new species of the genus *Temnora* Walker, 1856 from Tanzania (Lepidoptera, Sphingidae)
- T. Melichar, Řezáč, M., Manjunatha, H. B., Horecký, C. 2014 A new species of the genus *Acosmeryx* Boisduval, 1875 (Lepidoptera, Sphingidae) from the southern part of India
- T. Melichar, Řezáč, M., Horecký, C. 2014 A new species of the genus *Rhodambulyx* Mell, 1939 (Lepidoptera, Sphingidae) from Vietnam
- T. Melichar, Řezáč M. 2014 A revision of the *Temnora scitula* (Holland, 1889) species group (Lepidoptera, Sphingidae)
- T. Melichar, Řezáč M. 2014 A new species of the genus *Daphnusa* Walker, 1856 (Lepidoptera, Sphingidae) from northern India
- T. Melichar, Řezáč, M., Rindoš, M. 2015 *Ambulyx rawlinsi* sp. n. (Lepidoptera: Sphingidae) - a new species of hawkmoths from Indonesia
- T. Melichar, Řezáč, M., Haxaire, J., Ilčíková, A. 2015 A new species of the genus *Erinnyis* (Walker) (Lepidoptera: Sphingidae: Macroglossinae) from Cuba
- T. Melichar, Řezáč, M., Ilčíková, A. 2015 A new species of the genus *Theretra* Hübner, [1819] (Lepidoptera: Sphingidae) from Indonesia
- M. Rindoš, Maravi, P. M., Melichar, T., Haxaire, J., Fric, Z. F. 2015 The historical biogeography of the hawkmoth genus *Ambulyx* (Sphingidae) in Indonesia based on mitochondrial DNA genes
- T. Melichar, Řezáč M. 2015 A new species of the genus *Mimas* Hübner, 1819 (Lepidoptera, Sphingidae) from Asia
- T. Melichar, Řezáč M. 2015 A new species of the genus *Theretra* Hübner, [1819] (Lepidoptera, Sphingidae) from Ethiopia
- T. Melichar, Řezáč, M., Ilčíková, A. 2016 A new species of the genus *Sataspes* Moore, [1858] (Lepidoptera: Sphingidae) from Indonesia
- T. Melichar, Řezáč, M., Ilčíková, A. 2016 A new species of the genus *Temnora* Walker, 1856 (Lepidoptera, Sphingidae) from Ethiopia
- T. Melichar, Řezáč, M., Ilčíková, A. 2016 Descriptions of two new species of the genus *Macroglossum* Scopoli, 1777 (Lepidoptera: Sphingidae) from Sulawesi and the Philippines
- T. Melichar, Řezáč M. 2016 A new species of the genus *Cypa* Walker, [1865] (Lepidoptera, Sphingidae)
- J. Haxaire, Melichar T. 2016 A new species of the genus *Cautethia* Grote, 1865 (Lepidoptera: Sphingidae) from Puerto Rico
- T. Melichar, Řezáč, M., Ilčíková, A. 2016 Descriptions of three new taxa in the *Temnora pylas* (Cramer, 1779) species group (Lepidoptera, Sphingidae), with notes on several other taxa
- T. Melichar, Řezáč, M., Ilčíková, A. 2016 Descriptions of two new subspecies of the genus *Cautethia* Grote, 1865 (Lepidoptera: Sphingidae) from the Bahamas and Jamaica

U. Eitschberger, Melichar T. 2016 Revision und Neugliederung aller Arten, die momentan in der Gattung *Macropoliana* auct. (nec Carcasson, 1968) vereint, zusammengefaßt sind (Lepidoptera, Sphingidae)

U. Eitschberger, Melichar T. 2017 Revision und Neugliederung aller Arten, die momentan in der Gattung *Poliana* Rothschild & Jordan, 1903, zusammengefaßt sind (Lepidoptera, Sphingidae)

T. Melichar, Řezáč, M., Ilčíková, A. 2017 A new species of genus *Cypoides* Matsumura, 1921 (Lepidoptera, Sphingidae) from Sulawesi Island, Eastern Indonesia

T. Melichar, Řezáč M. 2018 Contribution to the taxonomy of the genus *Polyptychus* Hübner, 1819 from Africa

T. Melichar, Haxaire, J., Řezáč, M., Manjunatha, H. B. 2018 A field guide to hawkmoths (Lepidoptera: Sphingidae) of the state of Karnataka, India

J. Haxaire, Melichar T. 2018 A new sphingid from Irian Jaya, Western Papua: *Gnathothlibus rostislavi* sp. n. (Lepidoptera Sphingidae)

J. Haxaire, Melichar T. 2020 A new species of the genus *Pentateucha* Swinhoe, 1908 (Lepidoptera: Sphingidae, Sphinginae, Pentateuchini) from Northeast India

T. Melichar, Řezáč, M., Hodeček, J. 2020 Notes on the taxonomy of the genus *Praedora* Rothschild & Jordan, 1903 (Lepidoptera, Sphingidae, Sphinginae, Sphingini), with descriptions of five new subspecies