

Curriculum Vitae

Curriculum Vitae of Dr. Thomas Horn

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Curriculum Vitae - Personal Information

Personal Information

Current Address: Kropsburgstr. 7, 76767 Hagenbach

drgirasol@apartofnature.de

engage.tatenlos.rip

Birthday: 26. January 1974

Birthplace: 77709 Wolfach, Baden-Württemberg, Germany

Skills

Languages: German (native badisch), English (fluent)

Auto-didactic: Web-Programming using Javascript: Node.js Apps, Quasar Framework / VueJS Apps, LoopBack REST-APIs, Plotly.js / Canvas data visualization, Data scraping, etc. See engage.tatenlos.rip

Curriculum Vitae - Education

Educations

Academic

2010 - 2014 Karlsruhe Institute of Technology
Botanic Institute, Molecular Cellbiology
Biology (Dr. rer. nat.)

2003 - 2009 University of Karlsruhe (TH)
Botanic Institute, Molecular Cellbiology
Biology (Diploma)

Other

2021 Jan - Apr Natur- und Umweltpädagogik,
Studiengemeinschaft Darmstadt

Basic

2000 - 2003 Abendgymnasium, Offenburg
Allgemeine Hochschulreife

1998 - 2000 Abendrealschule, Offenburg
Mittlere Reife

1990 - 1991 Hauswirtschaftliche Schule, Wolfach
Hauptschulabschluss (BVJ)

1985 - 1990 Realschule Wolfach

1980 - 1985 Grund- und Hauptschule Oberwolfach

Curriculum Vitae - Occupation

Occupations

Academic

- 2019 - 2020 Karlsruhe Institute of Technology
Botanic Institute, Molecular Cellbiology
Scientific officer in the applied biodiversity group
- 2014 - 2017 Karlsruhe Institute of Technology
Botanic Institute, Molecular Cellbiology
Post-doc in the applied biodiversity group

Other

- since 2019 Freelancing
- 2003 - 2008 Hurter NetCom, Durbach-Ebersweier
Administration of server systems, web-design and -programming
- 2002 - 2003 Schülerhilfe, Gegenbach
Pubil coaching (language, english)
- 2001 - 2002 Walther Telemedien, Schutterwald
Call-center agent (inbound)
- 2000 - 2001 Video Graf, Offenburg
Video rental assistant
- 1998 - 2000 Gerd Rodermund, Mahlberg
Preparation of goods shipments
- 1995 Kaserne Todtnau and Ulm
Military service
- 1993 - 1994 Wolber & Pfaff, Hausach
Preparation of goods shipments
- 1992 - 1993 Franz Falk, Hausach
Installation of fire-proof air-channels

Curriculum Vitae - Publications

Publications

[1] Wetters S., Horn, T. & Nick, P., 2018. Goji Who? Morphological and DNA Based Authentication of a “Superfood”. *Frontiers in Plant Science*, 9
Available at:

<https://www.frontiersin.org/articles/10.3389/fpls.2018.01859/full>

[2] Horn, T. & Häser, A., 2016. Bamboo tea: reduction of taxonomic complexity and application of DNA diagnostics based on rbcL and matK sequence data. *PeerJ*, 4, p.e2781.

Available at:

<https://peerj.com/articles/2781>

[3] Horn, T., 2016. Integrating Biodiversity Data into Botanic Collections. *Biodiversity Data Journal*, 4, p.e7971.

Available at:

<http://bdj.pensoft.net/articles.php?id=7971>

[4] Horn, T., 2014. Genetic Food Diagnostics : Approaches and Limitations of Species Level Diagnostics in Flowering Plants. Karlsruher Institut für Technologie (KIT). Phd thesis. Available at:

<http://digbib.ubka.uni-karlsruhe.de/volltexte/1000040422>

[5] Horn, T. et al., 2013. Genetic authentication by RFLP versus ARMS? The case of Moldavian dragonhead (*Dracocephalum moldavica* L.). *European Food Research and Technology*, 238(1), pp.93-104.

Available at:

<http://link.springer.com/10.1007/s00217-013-2089-4>

[6] Horn, T. et al., 2012. Molecular diagnostics of Lemon Myrtle (*Backhousia citriodora* versus *Leptospermum citratum*). *European Food Research and Technology*, 234(5), pp.853-861.

Available at:

<http://link.springer.com/10.1007/s00217-012-1688-9>