

## Curriculum Vitae

### Personal information

First name / Surname	<b>Gábor Ónodi</b>
Permanent address	73 Lajos str. H-1162 Budapest, Hungary
Office address	Centre for Ecological Research, Institute of Ecology and Botany Alkotmány u. 2-4., H-2163, Vácrátót, Hungary
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E-mail	<a href="mailto:onodi.gabor@ecolres.hu">onodi.gabor@ecolres.hu</a>
Nationality	Hungarian
Date of birth	25.02.1979
Gender	male
Marital status	married (Ágnes Ónodi)
Children	Bence Ónodi (2003), Eszter Ónodi (2005), Rebeka Ónodi (2009), Mihály Ónodi (2014)

### Work experience

Dates	2010 - present
Occupation or position held	Research fellow (2012-), Assistant research fellow (2010-2011)
Research topics and responsibilities	(a) wildfire effects on the vegetation composition in long-term post-fire succession studies conducted in sand forest-steppe habitats (Kiskunság) – as site coordinator; (b) drought and water addition effects on primary production, species richness and vegetation composition of open sand grasslands – as participant investigator in climate manipulation experiments; (c) disturbance effects on the productivity-species richness relationship – as principal investigator. (d) data management of the KISKUN LTER meteorological database
Name of employer	Centre for Ecological Research, Institute of Ecology and Botany
Dates	2008 - 2010
Occupation or position held	PhD student
Main activities and responsibilities	Education of BSc students: plant taxonomy practical lessons and field trips
Name of employer	Eötvös Loránd University, Faculty of Science, Budapest
Dates	2003 - 2008
Occupation or position held	Assistant research fellow
Main activities and responsibilities	Participation in projects connected with KISKUN LTER; studying fire effects on the regeneration of open calcareous sand grasslands.
Name of employer	MTA Institute of Ecology and Botany

### Education and training

Title of qualification awarded	Ph.D. degree in Ecology (2011)
Name of organisation	Eötvös Loránd University, Faculty of Science, Budapest
Dates of education	2008 - 2010
Title of qualification awarded	M.Sc., Biologist (2002)
Name of organisation	Eötvös Loránd University, Faculty of Science, Budapest
Dates of education	1997 - 2002

## Knowledge of languages

Hungarian (native)  
English (intermediate examination)  
German (intermediate examination)

## Role in scientific community

1997- Member of BirdLife Hungary  
2013- Member of Public Body of Hungarian Academy of Sciences

## Selected publications

Ónodi Gábor, Kertész Miklós, Lengyel Attila, Pándi Ildikó, Somay László, Szitár Katalin, Kröel-Dulay György: The effects of woody plant encroachment and wildfire on plant species richness and composition: Temporal changes in a forest-steppe mosaic, APPLIED VEGETATION SCIENCE 12546, 2021

Kertész Miklós, Ónodi Gábor, Botta-Dukát Zoltán, Lhotsky Barbara, Barabás Sándor, Bölöni János, Csecserits Anikó, Molnár Csaba, Nagy József, Szitár Katalin, Rédei Tamás: Different impacts of moderate human land use on the plant biodiversity of the characteristic Pannonian habitat complexes, FLORA 267: 151591, 2020

Mojzes Andrea, Ónodi Gábor, Lhotsky Barbara, Kalapos Tibor, Kröel-Dulay György: Experimental drought indirectly enhances the individual performance and the abundance of an invasive annual weed, OECOLOGIA 193: (3) pp. 571-581., 2020

Valencia Enrique et al.: Synchrony matters more than species richness in plant community stability at a global scale, PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 117: (39) pp. 24345-24351., 2020

Ónodi G, Botta-Dukát Z, Kröel-Dulay Gy, Lellei-Kovács E, Kertész M: Reduction in primary production followed by rapid recovery of plant biomass in response to repeated mid-season droughts in a semiarid shrubland, PLANT ECOLOGY 219: (5) pp. 517-526., 2018

Kertész Miklós, Aszalós Réka, Lengyel Attila, Ónodi Gábor: Synergistic effects of the components of global change: Increased vegetation dynamics in open, forest-steppe grasslands driven by wildfires and year-to-year precipitation differences, PLOS ONE 12: (11) e0188260, 2017

Ónodi G, Kertész M, Kovács-Láng E, Ódor P, Botta-Dukát Z, Lhotsky B, Barabás S, Mojzes A, Kröel-Dulay G: Estimating aboveground herbaceous plant biomass via proxies: The confounding effects of sampling year and precipitation, ECOL INDIC 79: 355-360, 2017

Ónodi G, Kröel-Dulay G, Kovács-Láng E, Ódor P, Botta-Dukát Z, Lhotsky B, Barabás S, Garadnai J, Kertész M: Comparing the accuracy of three non-destructive methods in estimating aboveground plant biomass, COMMUNITY ECOL 18: (1) 56-62, 2017

Lhotsky Barbara, Kovács Bence, Ónodi Gábor, Csecserits Anikó, Rédei Tamás, Lengyel Attila, Kertész Miklós, Botta-Dukát Zoltán: Changes in assembly rules along a stress gradient from open dry grasslands to wetlands, JOURNAL OF ECOLOGY 104: (2) pp. 507-517., 2016

Szitár K, Ónodi G, Somay L, Pándi I, Kucs P, Kröel-Dulay G: Contrasting effects of land use legacies on grassland restoration in burnt pine plantations, BIOLOGICAL CONSERVATION 201: pp. 356-362., 2016

Ónodi Gábor, Altbäcker Vilmos, Aszalós Réka, Botta-Dukát Zoltán, Hahn István, Kertész Miklós: Long-term weather sensitivity of open sand grasslands of the Kiskunság Sand Ridge forest-steppe mosaic after wildfires, COMMUNITY ECOLOGY 15: (1) pp. 121-129., 2014

Ónodi Gábor, Kertész Miklós, Botta-Dukát Zoltán, Altbäcker Vilmos: Grazing effects on vegetation composition and on the spread of fire on open sand grasslands, ARID LAND RESEARCH AND MANAGEMENT 22: (4) pp. 273-285., 2008

Ónodi G, Kertész M, Botta-Dukát Z: Effects of simulated grazing on open perennial sand grassland, COMMUNITY ECOLOGY 7: (2) pp. 133-141., 2006

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