



5th workshop of the TRY initiative

Quantifying and scaling global plant trait diversity

German Centre
for Integrative
Biodiversity Research (iDiv),
Halle-Jena-Leipzig
Deutscher Platz 5e
04103 Leipzig, Germany
phone +49 (0)341 97-33103
info@idiv-biodiversity.de
www.idiv-biodiversity.de

The workshop will take place from 3.-5.09.2013 at **iDiv, Deutscher Platz 5, 04103 Leipzig** according to the following program:

Tuesday 3rd September	
9:00am	Welcome by organizers (iDiv – Christian Wirth, MPI-BGC – Markus Reichstein, DIVERSITAS – Paul Leadley)
9:30am	Introduction to the workshop (Sandra Diaz, Sandra Lavorel)
9:45am	The current state of the TRY database and initiative (Jens Kattge, Gerhard Bönisch)
10:30am	<i>Coffee Break</i>
11:00am	Initiatives related to TRY <ul style="list-style-type: none"> • DataONE: Empowering the discovery and management of environmental data (William Michener, <i>keynote</i>) • The LEDA Traitbase - vision, success, perspectives (Michael Kleyer) • GBIF (Eamon O'Tuama) • Phenomics and meta-phenomics at the Jülich Plant Phenotyping Centre (Hendrik Poorter) • FLUXNET (Markus Reichstein)
12:30am	<i>Lunch Break</i>

2:00pm	<p>TRY related projects: functional biogeography</p> <ul style="list-style-type: none"> • A brief history of trait ecology (Mark Westoby) • Large-scale patterns of forest functional diversity and identity (Christian Wirth) • Plant traits and ecosystem function (Marjan van de Weg) • Can plant traits predict ecosystem carbon stocks and fluxes? (Pete Manning) • Global distribution of resprouting types: changes along disturbance gradients (Susana Paula) • Savanna woody plant trait responses to bottom-up and top-down controls (Ben Wigley)
3:30pm	<i>Coffee Break</i>
4:00pm	<p>TRY related projects: plot data / vegetation modelling</p> <ul style="list-style-type: none"> • BIEN - The Botanical Information and Ecology Network (Brian Enquist, <i>remotely from Tucson</i>) • Why do we need to link traits and tropical forest plot data? The RAINFOR and AfriTRON perspective (Gabriela Lopez-Gonzalez) • sPlot - Plant trait-environment relationships across the world's biomes (Helge Bruelheide) • DIVGRASS - trait pattern of French grasslands at community scale (Eric Garnier) • Use of plant trait data in the ORCHIDEE model (Nicolas Viovy) • Refining PFTs in JSBACH-DGVM (Peter van Bodegom) • Performance of a trait-based vegetation model in (rain)forest systems at landscape scale (Alice Boit) • The role of biodiversity for the carbon cycle: Implementation of functional diversity in a dynamic vegetation model (Boris Sakschewski)
6:00pm	<i>End of the session</i>
6:30pm	<p>Poster session and finger-food dinner</p> <ul style="list-style-type: none"> • Multi-scale phylogenetic structure in coastal dune plant communities across the globe (Jeannine Cavender-Bares) • A key Leaf-Scale Functional Trait to Estimate Ecosystem Gross Primary Production (Juan Posada) • Plant trait variation in Chinese arid and semiarid ecosystems (Guofang Liu) • The TOPIC Network (Isabelle Aubin) • Phylogenetic relatedness influences the strength of priority effects in heathland communities (Vania Torrez) • Linking plant functional traits and forest carbon stocks in the Congo Basin (Elizabeth Kearsley) • GIVD - The global index of vegetation-plot databases (Jürgen Dengler) • Linking plant traits at ecosystem scale to ecosystem functions as observed by eddy covariance measurements (Talie Musavi)

	<ul style="list-style-type: none"> • Mechanisms underlying global temperature-related patterns in leaf longevity (Yusuke Onoda) • Traits of clonal growth – the missing element in the analysis of functional diversity (Jitka Klimešová)
--	---

Wednesday 4th September	
9:00am	<p>Short presentations to introduce the working groups</p> <ul style="list-style-type: none"> • Plant traits and vegetation modelling (Colin Prentice, Nicolas Viovy) • Plant trait prediction and gap-filling (Arindam Banerjee) • The global spectrum of plant function (Sandra Diaz, Sandra Lavorel, <i>closed session to finalize analyses</i>) • Plant traits and phylogenetic analyses (William Pearse) • Next generation trait screening projects (Joe Craine) • Linking plant traits to vegetation plot data (Oliver Purschke) • Tropical forest trait group (Christopher Baraloto)
10:30am	<i>Coffee Break</i>
11:00am	Working groups (continued)
12:30pm	<i>Lunch Break</i>
2:00pm	Working groups (continued)
3:30pm	<i>Coffee Break</i>
4:00pm	<p>Refining the TRY initiative</p> <ul style="list-style-type: none"> • Five years of TRY development: experiences and challenges (Jens Kattge) • Suggestion for an improved workflow for proposal management and data access (Gerhard Bönisch) • TERN data management and access policy (Siddeswara Guru)
6:00pm	<i>End of the session</i>

Thursday 5th September	
9:00am	Refining the TRY initiative (continued)
10:30am	<i>Coffee Break</i>
11:00am	Refining the TRY initiative (continued) Outlook: Remotely sensed trait data in TRY? (Shaun Levick)
12:30pm	<i>Lunch Break</i>
2:00pm	Presentations from Working groups, wrap-up and workshop closing
4:00pm	<i>Coffee Break</i>
4:30pm	Guided tour to the botanical garden of Leipzig University
5:30pm	<i>End of the workshop</i>



The glasshouse of the Botanical Garden of the University of Leipzig.

Workshop participants:

	Participant	Affiliation
1	Isabelle Aubin	Great Lakes Forestry Centre, Sault Ste. Marie, Canada
2	Arindam Banerjee	University of Minnesota, Minneapolis/StPaul, USA
3	Christopher Baraloto	INRA, Kourou, France
4	Markus Bernhardt	University of Regensburg, Regensburg, Germany
5	Alice Boit	Potsdam Institute for Climate Change (PIK), Potsdam, Germany
6	Gerhard Bönisch	Max Planck Institute for Biogeochemistry, Jena, Germany
7	Victor Brovkin	Max Planck Institute for Meteorology, Hamburg, Germany
8	Helge Bruelheide	University of Halle, Halle, Germany
9	Natalia Carrasco	UFZ – Helmholtz Centre for Environmental Research, Halle, Germany
10	Nuno Carvalhais	Max Planck Institute for Biogeochemistry, Jena, Germany
11	Jeannine Cavender-Bares	University of Minnesota, Minneapolis/StPaul, USA
12	Hans Cornelissen	Vrije Universiteit Amsterdam, Amsterdam, The Netherlands
13	Will Cornwell	Vrije Universiteit Amsterdam, Amsterdam, Australia
14	Joseph Craine	Kansas State University, Manhattan, USA
15	Dylan Craven	Yale University, New Haven, USA
16	Eduardo de Mattos	Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil
17	Jürgen Dengler	University of Bayreuth, Bayreuth, Germany
18	Sandra Diaz	Universidad Nacional de Cordoba, Cordoba, Argentina
19	Cristabel Durán Rangel	University of Freiburg, Freiburg, Germany
20	Brian Enquist*	University of Arizona, Tucson, USA
21	Abeje Eshete	Ethiopian Institute of Agricultural Research, Addis Ababa, Ethiopia
22	Bradley Evans	Macquarie University, Sydney, Australia
23	Katrin Fleischer	Vrije Universiteit Amsterdam, Amsterdam, Netherlands
24	Nikos Fyllas	University of Athens, Athens, Greece
25	Jitendra Gaikwad	University of Jena, Jena, Germany
26	Eric Garnier	Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier, France
27	Maren Gleisberg	Global Biodiversity Information Facility (GBIF) , Berlin, Germany
28	Gabriela Gonzalez-Lopez	University of Leeds, Leeds, UK
29	Volker Grimm	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
30	Angela Günther	Max Planck Institute for Biogeochemistry, Jena, Germany
31	Siddeswara Guru	Terrestrial Ecosystem Research Network, St Lucia, Australia
32	Alvaro Gutierrez	Swiss Federal Institute of Technology, Zurich, Switzerland
33	Anke Hildebrandt	Max Planck Institute for Biogeochemistry, Jena, Germany
34	Steven Jansen	University of Ulm, Ulm, Germany
35	Martin Jung	Max Planck Institute for Biogeochemistry, Jena, Germany
36	Jens Kattge	Max Planck Institute for Biogeochemistry, Jena, Germany
37	Elizabeth Kearsley	University of Ghent, Ghent, Belgium
38	Michael Kleyer	University of Oldenburg, Oldenburg, Germany
39	Jitka Klimesova	Institute of Botany, Třeboň, Czech Republik
40	Stefan Klotz	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
41	Sonja Knapp	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
42	Cornelia Krug	DIVERSITAS, Paris, France



43	Ingolf Kühn	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
44	Sandra Lavorel	Universite Joseph Fourier, Grenoble, France
45	Paul Leadley	Universite Paris-Sud XI, Orsay, France
46	Shaun Levick	Max Planck Institute for Biogeochemistry, Jena, Germany
47	Guofang Liu	Beijing Academy of Sciences, Beijing, China
48	Yolanda López-Maldonado	Ludwig-Maximilians-Universität , München, Germany
49	Kathryn Lockett	Imperial College, London, UK
50	Xiaotao Lyu	Institute of Applied Ecology, Chinese Academy of Sciences, Beijing, China
51	Miguel Mahecha	Max Planck Institute for Biogeochemistry, Jena, Germany
52	Yadvinder Malhi	University of Oxford, Oxford, UK
53	Pete Manning	University of Bern, Bern, Switzerland
54	William Michener	University of New Mexico, Albuquerque, USA
55	Vanessa Minden	University of Oldenburg, Oldenburg, Germany
56	Christian Mulder	National Institute for Public Health and the Environment, Bilthoven, The Netherlands
57	Talie Musavi	Max Planck Institute for Biogeochemistry, Jena, Germany
58	Ülo Niinemets	Estonian University of Life Sciences, Tartu, Estonia
59	Eamonn O'Tuama	Global Biodiversity Information Facility (GBIF), Copenhagen, Denmark
60	Kiona Ogle	Arizona State University, Tempe, USA
61	Yusuke Onoda	University of Kyoto, Kyoto, Japan
62	Robin Pakeman	The James Hutton Institute, Aberdeen, UK
63	Susana Paula	Universidad Austral de Chile, Valdivia, Chile
64	William Pearse	University of Minnesota, Minneapolis/StPaul, USA
65	Mike Perring	University of Western Australia, Perth, Australia
66	Valerio Pillar	Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil
67	Hendrik Poorter	Forschungszentrum Jülich, Jülich, Germany
68	Lourens Poorter	Universiteit Wageningen, Wageningen, The Netherlands
69	Juan Posada	Universidad del Rosario, Bogota, Colombia
70	Colin Prentice	Imperial College/Macquarie University, London/Sydney, UK/Australia
71	Oliver Purschke	German Centre for Integrative Biodiversity Research - iDiv, Leipzig, Germany
72	Corinna Rebmann	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
73	Peter Reich*	University of Minnesota, Minneapolis/StPaul, USA
74	Markus Reichstein	Max Planck Institute for Biogeochemistry, Jena, Germany
75	Björn Reu	University of Leipzig, Leipzig, Germany
76	Christine Römermann	University of Regensburg, Regensburg, Germany
77	Christiane Roscher	UFZ – Helmholtz Centre for Environmental Research, Leipzig, Germany
78	Boris Sakschewski	Potsdam Institute for Climate Change (PIK), Potsdam, Germany
79	Franziska Schrodtt	Max Planck Institute for Biogeochemistry, Jena, Germany
80	Carlos Sierra	Max Planck Institute for Biogeochemistry, Jena, Germany
81	Ulrike Stahl	Max Planck Institute for Biogeochemistry, Jena, Germany
82	Stephanie Stuart	University of Ulm, Ulm, Germany
83	Nathan Swenson	Michigan State University, East Lansing, USA
84	Susanne Tautenhahn	Max Planck Institute for Biogeochemistry, Jena, Germany
85	Vania Torrez	Katholieke Universiteit Leuven, Leuven, Belgium
86	Peter van Bodegom	Vrije Universiteit Amsterdam, Amsterdam, The Netherlands
87	Marjan van de Weg	Vrije Universiteit Amsterdam, Amsterdam, Netherlands



88	Hans Verbeeck	Ghent University, Ghent, Belgium
89	Nicolas Viovy	Laboratoire des Science de Climat et d'Environnement, Gif-sur-Yvette, France
90	Colleen Webb	Colorado State University, Fort Collins, USA
91	Claus Weiland	Biodiversitäts und Klima Forschungszentrum (Bik-F), Frankfurt, Germany
92	Mark Westoby	Macquarie University, Sydney, Australia
93	Benjamin Wigley	University of Cape Town, Rondebosch, South Africa
94	Marten Winter	German Centre for Integrative Biodiversity Research - iDiv, Leipzig, Germany
95	Christian Wirth	University of Leipzig, Leipzig, Germany
96	Ian Wright	Macquarie University, Sydney, Australia
97	Amy Zanne	George Washington University, Washington, USA
98	Qian Zhu	Northwest A&F University, Yangling, Shaanxi, China

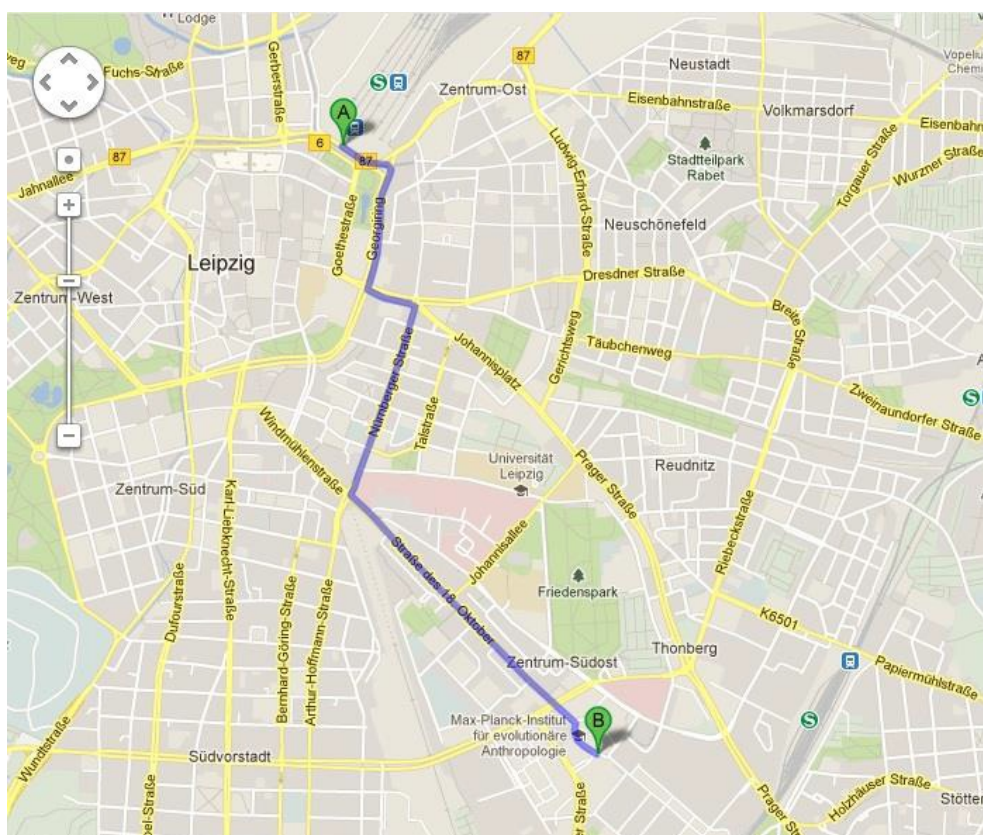
* participation remotely

Directions to the workshop venue

The German Centre for Integrative Biodiversity Research (iDiv) is located on the BIO CITY campus (next to Max Planck Institute for Anthropology).

Deutscher Platz 5e
04301 Leipzig

<http://www.idiv-biodiversity.de/idiv-global/venuecontact/locationdirections/?lang=en>



By plane

From **Leipzig-Halle airport** take the airport express train (appr. every 30 minutes) to **Leipzig central station**. Having reached Leipzig central station, take the tram to get to **BIO CITY LEIPZIG** (see below). In case you decide to take a taxi at the airport, it will cost around 45€.

By train

From **Leipzig central station (A)** take the **tram 16 direction Löbnig**, get off at the station **Deutsche Nationalbibliothek**. Cross the street, pass the *German National Library* and walk along the square *Deutscher Platz*. After you passed the *Max Planck Institute*, you will find the entrance to the **BIO CITY** and **iDiv (B)** on your right hand side.



Accommodation:

Most participants will stay overnight at:

Antikhotel Leipzig

Prager Straße 153
04317 Leipzig
Tel.: +49 (0)341 224770
E-Mail: info@antikhotel-leipzig.de

Breakfast included

Hotel Berlin

Riebeckstraße 30
04317 Leipzig
Tel.: +49 (0)341 2673 000
E-Mail: info@hotel-berlin-leipzig.de

Breakfast included

Recommendation for restaurants in Leipzig:

Gasthaus Alte Nikolaischule

Nikolaikirchhof 2
+49 (0) 341 2118511
<http://www.alte-nikolaischule.de/english/engl.htm>
<http://www.alte-nikolaischule.de>

Menu

Range of vegetarian/non-vegetarian dishes, focus on German kitchen (esp. concerning non-vegetarian dishes), but not only – pasta dishes are also available – see menu.

Price range for meals:

- Starters mostly around 10€
- Soups 6€
- Salads 4 € and 13-20€
- Meat (pork, beef, lamb, poultry) 10-24 €, mostly around 15€
- Fish 14-18 €
- Pasta 10-13€
- Deserts 5-10 €

Gasthaus Barthels Hof

Hainstraße 1
+49 (0) 341 141310
info@barthels-hof.de
<http://www.barthels-hof.de>

Menu

Traditional Saxonian dishes with higher percentage of non-vegetarian dishes, mostly with local/regional ingredients

Price range for meals:

- Starters /Snacks 2-8 €
- Soups 4-6 €
- Salads 5-7 & 13 €
- Barthels Hof Classics and other meaty dishes (beef, pork, poultry) 10-17 €
- Fish 11-15 €
- Steaks 14-20 €
- Vegetarian Main dishes 11-13 €
- Cold plates (vegetarian/non-vegetarian) 10-15 €
- Deserts 4-7 €

Bayrischer Bahnhof (Brewery+Restaurant)

Bayrischer Platz 1
+49 (0)341 12457-60
info@bayerischer-bahnhof.de

<http://www.bayerischer-bahnhof.de/de/startseite/index.html>
<http://www.bayerischer-bahnhof.de/en/startseite/index.html>

Menu

Range of vegetarian/non-vegetarian dishes, good and solid kitchen including brewhouse specialties and (Southern) German dishes as well as organic pasta dishes

Price range for meals:

- Soups 4 €
- Salads 3-10 €
- Brewhouse specialties, mostly meaty dishes (pork, beef, poultry, fish) 8-16 €, mostly around 12€
- (partly organic) Pasta 6-10 €
- Deserts 3-5 €

Other destinations for pubs & restaurants:

- Karl-Liebknecht-Straße (around tram stop „Südplatz“, student area)
- Gottschedstraße & City Centre (Barfußgäßchen)