

Curriculum vitae

Personal information

Name	Torsten Dikow
Nationality	German (U.S. permanent resident)
Birth date and place	27 November 1975 in Rostock, Germany
Present position	Research Entomologist
Address	Department of Entomology, National Museum of Natural History, Smithsonian Institution, PO Box 37012, MRC 169, Washington, DC 20013-7012, USA
E-mail	DikowT@si.edu
Internet	Diptera research – asiloidflies.si.edu NMNH – entomology.si.edu/StaffPages/DikowT.html
Twitter	@TDikow
Blog	Asiloid Flies

Access to research data

ORCID	orcid.org/0000-0003-4816-2909
ZooBank author LSID	F8869067-4618-4CCE-960C-E8A107F162FB
Google Scholar	scholar.google.com/citations?user=RTztYMMAAAAJ
Mendeley	www.mendeley.com/profiles/torsten-dikow/
ResearchGate	www.researchgate.net/profile/Torsten_Dikow
Publons	publons.com/author/328385/torsten-dikow

Employment

Nov. 2012 – present

Research Entomologist for Diptera in the Department of Entomology at the National Museum of Natural History, Smithsonian Institution, Washington, DC, USA.

Sep. – Oct. 2012

Peter Buck Postdoctoral Fellow in the Department of Entomology at the National Museum of Natural History, Smithsonian Institution, Washington, DC, USA (Drs Norman Woodley and Wayne Mathis).

Jan. 2008 – Aug. 2012

Research Scientist / Postdoctoral Research Associate in the Biodiversity Synthesis Center at the Field Museum of Natural History, Chicago, IL, USA (Dr. Mark Westneat).

Sep. 2007 – Dec. 2007

Postdoctoral Research Fellow at the American Museum of Natural History, New York, NY, USA (Drs Ward Wheeler and David Grimaldi).

Education

20 August 2007

Ph.D. in systematic entomology from Cornell University.

Title of dissertation: “Phylogeny, classification, and biodiversity of robber flies (Diptera:

Brachycera: Asiloidea: Asilidae) with special reference to Leptogastrinae.”
Advisors: Drs James Liebherr, David Grimaldi, Cole Gilbert, and Jerrold Davis.

Aug. 2002 – Aug. 2007

Ph.D. student in the joint Cornell University and American Museum of Natural History program in Systematic Entomology.

24 January 2002

Diploma in Biology University of Rostock, Germany - grade *very good*.

Major subject Zoology (grade 1.0), 1st minor Entomology (grade 1.0), 2nd minor Botany (grade 1.0), and non-biological minor Physical Oceanography (grade 2.3).

Title of thesis: “Revision and phylogenetic analysis of *Euscelidia* Westwood, 1850 (Diptera: Asilidae).”

Advisors: Drs Ragnar Kinzelbach, Hans Pohl, and Jason Londt.

Oct. 2000 – Jan. 2002

Course of study in biology at the University of Rostock (semesters 9–11).

May 2000 – Aug. 2000

Research Training Program, National Museum of Natural History, Smithsonian Institution, Washington, DC, USA.

Aug. 1999 – May 2000

Course of study in entomology and systematics at the University of Natal, Pietermaritzburg, South Africa (semesters 7–8).

Oct. 1996 – Jul. 1999

Course of study in biology at the University of Rostock (semesters 1–6).

Interests

- ◇ Phylogenetic and taxonomic research on Diptera, especially the Asiloidea taxa Apioceridae, Asilidae, and Mydidae.
- ◇ Phylogenetic relationships within Diptera, Insecta, and Arthropoda.
- ◇ Phylogenetic systematics / cladistics – theory and applications.
- ◇ Biodiversity research, species concepts, speciation.

Honors and awards

- ◇ Smithsonian Institution Peter Buck Postdoctoral Fellowship, 2012
- ◇ U.S. National Science Foundation Revisionary Syntheses in Systematics (REVSYS) Grant “Phylogeny, revisionary taxonomy and the fossil record of asiloid flies (Diptera: Apioceridae, Asilidae, Mydidae)” (PI, Co-PI Dr. David Yeates), 2009
- ◇ U.S. National Science Foundation Doctoral Dissertation Improvement Grant “Phylogeny, classification and biodiversity of robber flies (Diptera: Asilidae) with special reference to Leptogastrinae” (Co-PI, PI Dr. James Liebherr), 2006
- ◇ John Henry Comstock Award, Eastern Branch of the Entomological Society of America, 2006
- ◇ Graduate School Research Travel Grant, Cornell University, 2004
- ◇ Ernst Mayr Award, Museum of Comparative Zoology, Harvard University, 2003
- ◇ Graduate Student Fellowship, American Museum of Natural History, 2003–2007
- ◇ Graduate School Fellowship, Cornell University, 2002
- ◇ Research Training Program, Smithsonian Institution National Museum of Natural History, 2000

◇ Certificate of Merit, Systematic Entomology, University of Natal, 1999

Publications (PDFs available at [Mendeley](#) and [ResearchGate](#) or follow links provided below)

25. **Dikow, T.** and Agosti, D. 2015. Utilizing online resources for taxonomy: a cybercatalog of Afrotropical apiocerid flies (Insecta: Diptera: Apioceridae). *Biodiversity Data Journal* 3: e5707.
DOI <http://dx.doi.org/10.3897/BDJ.3.e5707>
24. **Dikow, T.** 2015. Review of *Anasillomos* Londt, 1983 with the description of a new species (Insecta: Diptera: Asilidae). *Biodiversity Data Journal* 3: e4652.
DOI <http://dx.doi.org/10.3897/BDJ.3.e4652>
ZooBank <http://zoobank.org/urn:lsid:zoobank.org:pub:713C351C-971A-40F8-9368-FE39AFE266D7>
23. **Pape, T. et al.** 2015. *Fauna Europaea*: Diptera – Brachycera. *Biodiversity Data Journal* 3: e4187.
DOI <http://dx.doi.org/10.3897/BDJ.3.e4187>
21. **Dikow, T.** & Grimaldi, D.A. 2014. Robber flies in Cretaceous ambers (Insecta: Diptera: Asilidae). *American Museum Novitates* 3799: 1–19.
AMNH library <http://hdl.handle.net/2246/6522>
ZooBank <http://zoobank.org/urn:lsid:zoobank.org:pub:C56BFF03-A5BE-4156-887F-AB4E6DDFA03C>
20. **Dikow, T.** & Leon, S. 2014. Review of the genus *Namadytes* Hesse, 1969 (Insecta: Diptera: Mydidae: Syllegomydinae). *Biodiversity Data Journal* 2: e1071.
DOI <http://dx.doi.org/10.3897/BDJ.2.e1071>
ZooBank <http://zoobank.org/urn:lsid:zoobank.org:pub:F7C0B74A-592E-4571-9C1E-86041389C69A>
19. Smith, V., Georgiev, T., Stoev, P., Biserkov, J., Miller, J.A., Livermore, L., Baker, E., Mietchen, D., Couvreur, T.L.P., Mueller, G., **Dikow, T.**, Helgen, K.M., Frank, J., Agosti, D., Roberts, D., and Penev, L. 2013. Beyond dead trees: integrating the scientific process in the Biodiversity Data Journal. *Biodiversity Data Journal* 1: e995.
DOI <http://dx.doi.org/10.3897/BDJ.1.e995>
18. Miller, J.A., **Dikow, T.**, Agosti, D., Sautter, G., Catapano, T., Penev, L., Zhang, Z.-Q., Pentcheff, D., Pyle, R.L., Blum, S.D., Parr, C.S., Freeland, C., Garnett, T., Ford, L.S., Muller, B., Smith, W.L., Strader, G., Georgiev, T., and Bénichou, L. 2012. From taxonomic literature to cybertaxonomic content. *BMC Biology* 10(87): 1–5.
DOI <http://dx.doi.org/10.1186/1741-7007-10-87>
17. **Dikow, T.** 2012. Review of *Namibimydas* Hesse, 1972 and *Nothomydas* Hesse, 1969 (Diptera: Mydidae: Syllegomydinae: Halterorchini) with the description of new species. *African Invertebrates* 53(1): 79–111.
URL <http://africaninvertebrates.org/ojs/index.php/AI/article/view/25>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:80A41D13-814F-4527-B5F4-89B7EF0AEAEA>
16. Lyons, K.M. & **Dikow, T.** 2010. Taxonomic revision of *Ectyphus* Gerstaecker, 1868 and *Parectyphus* Hesse, 1972 with a key to world Ectyphinae (Insecta: Diptera: Mydidae). *ZooKeys* 73: 25–59.
DOI <http://dx.doi.org/10.3897/zookeys.73.840>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:57F179B6-96C9-42A9-87B4-D235E31A9D16>
15. **Dikow, T.** 2010. New species and new records of Mydidae from the Afrotropical and Oriental regions (Insecta: Diptera: Asiloidea). *ZooKeys* 64: 33–75.
DOI <http://dx.doi.org/10.3897/zookeys.64.464>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:6350B33C-AA6C-4202-99B1-DB248DF0D8C3>
14. **Dikow, T.** 2010. Order Diptera, Family Mydidae. *Arthropod Fauna of the United Arab Emirates* 3:

- 608–615.
13. **Dikow, T. & Bayless, K. 2009.** Taxonomic revision of the genus *Schildia* Aldrich, 1923 (Diptera: Asilidae: Leptogastrinae) with the description of new extant and extinct species. *Insect Systematics & Evolution* 40(3): 253–289.
Cover article, DOI <http://dx.doi.org/10.1163/187631209X458358>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:670E7C5B-7889-478D-AD7B-0FCBE1AECDD8>
 12. **Dikow, T. 2009.** A phylogenetic hypothesis for Asilidae based on a total evidence analysis of morphological and DNA sequence data (Insecta: Diptera: Brachycera: Asiloidea). *Organisms, Diversity & Evolution* 9(3): 165–188.
DOI <http://dx.doi.org/10.1016/j.ode.2009.02.004>
 11. **Dikow, T. 2009.** Phylogeny of Asilidae inferred from morphological characters of imagines (Insecta: Diptera: Brachycera: Asiloidea). *Bulletin of the American Museum of Natural History* 319: 1–175.
AMNH library <http://hdl.handle.net/2246/5949>
 10. **Dikow, T., Meier, R., Vaidya, G.G., & Londt, J.G.H. 2009.** Biodiversity Research Based on Taxonomic Revisions - A Tale of Unrealized Opportunities. pp. 323–345 In: Pape, T., Bickel, D.J., & Meier, R. (eds) *Diptera Diversity: Status, Challenges & Tools*. Brill Academic Publishers, Leiden.
 9. **Dikow, T. 2007.** Taxonomic Revision of the Genus *Lasiocnemus* (Loew, 1851) (Diptera: Asilidae: Leptogastrinae). *African Entomology* 15(1): 57–74.
DOI <http://dx.doi.org/10.4001/1021-3589-15.1.57>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:023AD67B-6EAB-48BD-99BF-4AAC22E931B4>
 8. **Dikow, T. 2004.** Family-group names in the Asilidae (Diptera). *Studia Dipterologica* 10(2): 459–471.
DOI <http://dx.doi.org/10.5281/zenodo.11669>
 7. **Meier, R. & Dikow, T. 2004.** Significance of specimen databases from taxonomic revisions for estimating and mapping the global species diversity of invertebrates and repatriating reliable specimen data. *Conservation Biology* 18(2): 478–488.
DOI <http://dx.doi.org/10.1111/j.1523-1739.2004.00233.x>
 6. **Dikow, T. 2003.** Revision of the genus *Euscelidia* Westwood, 1850 (Diptera: Asilidae: Leptogastrinae). *African Invertebrates* 44(2): 1–131.
Sabinet <http://content.sabinet.co.za/u/?16815556,104>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:9650EEAE-BB11-4525-8EBA-A2BD9C56897A>
 5. **Geller-Grimm, F., Dikow, T., & Niehuis, M. 2003.** Raubfliegen vom Roßstein bei Dörscheid (Mittelrheintal, Rheinland-Pfalz) nebst Anmerkungen zur Verbreitung in Rheinland-Pfalz (Diptera: Asilidae). *Fauna Flora Rheinland-Pfalz* 10(1): 85–98.
 4. **Dikow, T. & Mathis, W.N. 2002.** Revision and phylogenetic study of *Actocetor* Becker (Diptera: Ephydriidae). *Proceedings of the Entomological Society of Washington* 104(2): 249–290.
DOI <http://dx.doi.org/10.5281/zenodo.11509>
ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:FC441867-DFF8-4275-9D49-CEC9F2F260C3>
 3. **Dikow, T. & Londt, J.G.H. 2000.** A review of *Lamyra* Loew (Diptera: Asilidae: Laphriinae). *African Entomology* 8(2): 189–200.
Sabinet <http://content.sabinet.co.za/u/?10213589,329>
 2. **Dikow, T. & Londt, J.G.H. 2000.** A review of the genera *Anasillomos* Londt, 1983, *Oratostylum* Ricardo, 1925, and *Remotomyia* Londt, 1983, with description of a new genus and two new species (Diptera: Asilidae: Stenopogoninae). *Annals of the Natal Museum* 41: 107–121.

Sabinet <http://content.sabinet.co.za/u/03040798,1302>

ZooBank <http://zoobank.org/?lsid=urn:lsid:zoobank.org:pub:51BDA512-FDDF-435B-9EFA-649F1470641E>

1. **Dikow, T. 1999.** Die Asilidae (Diptera) der 'Raddatz'schen Sammlung' an der Universität Rostock, nebst der Beschreibung einer Abnormität der Flügeladerung bei *Laphria* Meigen. *Archiv der Freunde der Naturgeschichte Mecklenburgs* XXXVIII: 179–188.

Book reviews / popular press:

Dikow, T. 2013. a) New "Asiloid Flies" web-site. b) S.W. Williston Diptera Research Fund at the National Museum of Natural History, Smithsonian Institution. c) Fellowship Opportunities at the Smithsonian Institution.

Fly Times web-site <http://www.nadsdiptera.org/News/FlyTimes/issue51.pdf>

Dikow, T. 2012. Book review: Manual of Central American Diptera, Volume 2 by Brown, B.V. *et al.* (eds) 2010. *American Entomologist* 58(4): 250.

Dikow, T. 2011. Book review: Manual of Central American Diptera, Volume 1 by Brown, B.V. *et al.* (eds) 2009. *American Entomologist* 57(2): 121–122.

ESA web-site <http://www.entsoc.org/book-review-manual-central-american-diptera-volume-1>

Dikow, T. 2011. Apioceridae, Asilidae, and Mydidae specimen occurrence data online. *Fly Times* 46: 8–9.

Fly Times web-site <http://www.nadsdiptera.org/News/FlyTimes/issue46.pdf>

Dikow, T. 2009. Sharing your Diptera images with the Encyclopedia of Life. *Fly Times* 42: 5–7.

Fly Times web-site <http://www.nadsdiptera.org/News/FlyTimes/issue42.pdf>

Dikow, T. 2009. Using digitized Diptera literature from the Biodiversity Heritage Library. *Fly Times* 13–14.

Fly Times web-site <http://www.nadsdiptera.org/News/FlyTimes/issue42.pdf>

Dikow, T. 2006. Book review: The Evolutionary History of Flies by Yeates, D.K. & Wiegmann, B.M. (eds) 2005. *Gesellschaft für Biologische Systematik Newsletter* 16: 52.

GfBS web-site <http://www.gfbs-home.de/newsletter/newsletter16/newsletter16.pdf>

Dikow, T. 2004. Book review: Photographic atlas and identification key to the robber flies of Germany (Diptera: Asilidae) by Geller-Grimm, F. 2003. *Deutsche Entomologische Zeitschrift* 51(2): 279–280.

DOI <http://dx.doi.org/10.1002/mmnd.20040510211>

Submitted / in peer-review:

currently none

Web-sites

♦ Asiloid Flies – asiloidflies.si.edu.

♦ Leptogastrinae Scratchpad – leptogastrinae.myspecies.info.

♦ Asilidae co-authored with Fritz Geller-Grimm – www.geller-grimm.de/asilidae.htm.

♦ World Biodiversity Database: *Euscelidia* – wbd.etibioinformatics.nl/bis/euscelidia.php.

♦ World Biodiversity Database: *Lascionemus* – wbd.etibioinformatics.nl/bis/lascionemus.php.

Invited oral presentations (recent presentations available for viewing at figshare.com or slideshare.net)

11. **Dikow, T.** Open access, unique identifiers, and cybertaxonomic tools for sharing Diptera research data.

Global Dipterology Symposium, 8th International Congress of Dipterology, Potsdam, Germany,

- Aug. 2014.
[figshare.com link](#)
10. **Dikow, T.** Phylogeny of Apioceridae and Mydidae based on morphological characters of imagines.
Phylogeny and taxonomy of Orthorrhapha Symposium, 8th International Congress of Dipterology, Potsdam, Germany, Aug. 2014.
[figshare.com link](#)
 9. **Dikow, T.** Deciphering the diversity and evolutionary history of Asiloidea flies.
National Museum of Natural History, Smithsonian Institution, Washington, DC, USA, Aug. 2012.
 8. **Dikow, T.** Molecules and morphology: insights from phylogenetic analyses of insect taxa.
30th Annual Meeting of the Willi Hennig Society, São José do Rio Preto, São Paulo, Brazil, Aug. 2011.
[slideshare.net link](#)
 7. **Dikow, T.** Phylogenetic and biodiversity studies on Asiloidea flies (Diptera: Brachycera).
Seminar Series, Department of Entomology, Michigan State University, East Lansing, Michigan, USA, Nov. 2010.
 6. **Dikow, T.** Phylogenetische Studien an Apioceridae, Asilidae und Mydidae (Insecta: Diptera) – morphologische, molekulare und paläontologische Ergebnisse.
Zoologisches Kolloquium, Institut für Spezielle Zoologie und Evolutionsbiologie mit Phyletischem Museum, Friedrich-Schiller-Universität, Jena, Germany, Oct. 2010.
 5. **Dikow, T.** Phylogenetic relationships within Mydidae based on morphology of imagines (Diptera: Asiloidea).
Phylogeny and taxonomy within the “orthorrhaphous” Brachycera Symposium, 7th International Congress of Dipterology, San José, Costa Rica, Aug. 2010.
[slideshare.net link](#)
 4. **Dikow, T.** An overview of Afrotropical Mydidae – the most diverse mydid fauna worldwide.
Advances in Afrotropical Dipterology Symposium, 7th International Congress of Dipterology, San José, Costa Rica, Aug. 2010.
[slideshare.net link](#)
 3. **Dikow, T.** Phylogeny of Asilidae with special reference to the position of Leptogastrinae based on morphology of imagines (Diptera: Asiloidea).
Asiloidea Symposium, 6th International Congress of Dipterology, Fukuoka, Japan, Sep. 2006.
 2. **Dikow, T.** New insight on the phylogenetic relationships within Mydidae and its relationship to Apioceridae (Diptera: Asiloidea).
Asiloidea Symposium, 6th International Congress of Dipterology, Fukuoka, Japan, Sep. 2006.
 1. **Dikow, T. & Meier, R.** Afrotropical biodiversity hotspots and robber flies: Using taxonomic revisions to test plant-based hotspots.
Natal Museum Research Forum, Pietermaritzburg, South Africa, Jan. 2004.

Oral presentations (recent presentations available for viewing at [figshare.com](#) or [slideshare.net](#))

36. **Dikow, T.** Review and phylogenetic placement of Assassin Flies (Asilidae) in Tertiary: Eocene ambers.
34nd Willi Hennig Society Meeting, New York, USA, Jun. 2015.
[figshare link](#)
35. **Dikow, T.** Review and phylogenetic placement of Asilidae (Diptera) in Tertiary: Eocene ambers.

- 62nd Annual Meeting of the Entomological Society of America, Portland, Oregon, USA, Nov. 2014.
[figshare link](#)
34. **Dikow, T.** Mydas flies from the deserts of south-western Africa.
Senate of Scientists Lightning Talks, National Museum of Natural History, Smithsonian Institution, Washington, DC, USA, Apr. 2014.
[figshare link](#)
33. **Dikow, T.** Effect of taxon sampling in morphological phylogenetic analyses: insights from three fly taxa with different diversification rates.
61st Annual Meeting of the Entomological Society of America, Austin, Texas, USA, Nov. 2013.
[slideshare.net link](#)
32. **Dikow, T.** Effect of taxon sampling in morphological phylogenetic analyses: insights from three fly taxa with different diversification rates.
32nd Willi Hennig Society Meeting, Rostock, Germany, Aug. 2013.
31. **Dikow, T.** Phylogeny and historical biogeography of Apioceridae and Mydidae inferred from morphological characters of imagines (Diptera: Asiloidea).
60th Annual Meeting of the Entomological Society of America, Knoxville, Tennessee, USA, Nov. 2012.
[slideshare.net link](#)
30. **Dikow, T.** Phylogeny of Apioceridae and Mydidae (Insecta: Diptera) based on morphological characters of adult flies.
31st Willi Hennig Society Meeting, Riverside, California, USA, Jun. 2012.
[slideshare.net link](#)
29. **Dikow, T.** Phylogeny and historical biogeography of Apioceridae and Mydidae inferred from morphological characters of imagines (Diptera: Asiloidea).
59th Annual Meeting of the Entomological Society of America, Reno, Nevada, USA, Nov. 2011.
[slideshare.net link](#)
28. **Dikow, T.** Phylogeny of Mydidae inferred from morphological characters of imagines (Diptera: Asiloidea).
58th Annual Meeting of the Entomological Society of America, San Diego, California, USA, Dec. 2010.
[slideshare.net link](#)
27. **Dikow, T.** The Encyclopedia of Life, the Biodiversity Heritage Library, and Systematic Dipterology.
7th International Congress of Dipterology, San José, Costa Rica, Aug. 2010.
[slideshare.net link](#)
- 25 + 26. **Dikow, T.** LifeDesk: Managing and sharing biodiversity research on the web.
29th Willi Hennig Society Meeting, Honolulu, Hawai'i, USA, May 2010.
7th International Congress of Dipterology, San José, Costa Rica, Aug. 2010.
[slideshare.net link](#)
24. **Dikow, T.** The Encyclopedia of Life, the Biodiversity Synthesis Center and Systematic Entomology.
57th Annual Meeting of the Entomological Society of America, Indianapolis, Indiana, USA, Dec. 2009.
23. **Dikow, T.** LifeDesk: Managing and sharing biodiversity data on the web.
Entomological Collections Network (ECN) annual meeting, Indianapolis, Indiana, USA, Dec.

2009.
[slideshare.net link](#)
22. **Dikow, T.** Encyclopedia of Life and Biodiversity Synthesis Center – accelerating the pace of scientific discovery.
Zoologische Staatssammlung, Munich, Bavaria, Germany, Mar. 2009.
 21. **Dikow, T. & Grimaldi, D.** Robber flies from the Cretaceous and Tertiary (Insecta: Diptera: Brachycera: Asilidae) – phylogenetic placement, biogeography, and faunal comparison.
27th Willi Hennig Society Meeting, Tucumán, Tucumán, Argentina, Oct. 2008.
 20. **Dikow, T.** The Encyclopedia of Life and the Biodiversity Synthesis Center – accelerating the pace of scientific discovery.
27th Willi Hennig Society Meeting, Tucumán, Tucumán, Argentina, Oct. 2008.
 19. **Dikow, T.** Phylogenetic systematics and megadiverse taxa – insights from morphological and molecular studies of robber flies (Insecta: Diptera: Asilidae).
Watson Armour Seminar Series, Field Museum of Natural History, Chicago, Illinois, Sep. 2008.
 18. **Dikow, T. & Grimaldi, D.** Asilidae from the Cretaceous and Tertiary (Diptera: Brachycera) – phylogenetic placement, biogeography, and faunal comparison.
23rd International Congress of Entomology, Durban, KwaZulu-Natal, South Africa, Jul. 2008.
 17. **Dikow, T. & Westneat, M.** Synthesis of information in phylogenetics, evolution, biogeography, and megadiverse taxa.
23rd International Congress of Entomology, Durban, KwaZulu-Natal, South Africa, Jul. 2008.
 16. **Dikow, T.** Total evidence phylogeny of robber flies (Insecta: Diptera: Asilidae).
26th Annual Willi Hennig Society Meeting, New Orleans, Louisiana, USA, Jun. 2007.
 15. **Dikow, T.** Phylogeny of robber flies (Diptera: Asilidae) – total evidence and parsimony.
Graduate Student Symposium at Annual Meeting of the Eastern Branch of the Entomological Society of America, Harrisburg, Pennsylvania, USA, Mar. 2007.
 14. **Dikow, T.** Towards a phylogeny of robber flies (Insecta: Diptera: Asilidae) – evidence from morphology of the imagines.
54th Annual Meeting of the Entomological Society of America, Indianapolis, Indiana, USA, Dec. 2006.
 13. **Dikow, T.** Towards a phylogeny of robber flies (Insecta: Diptera: Asilidae) – evidence from morphology of the imagines.
25th Annual Willi Hennig Society Meeting, Oaxaca, Mexico, Aug. 2006.
 12. **Dikow, T.** Towards a hypothesis of the phylogenetic relationships within robber flies (Diptera: Asilidae).
53rd Annual Meeting of the Entomological Society of America, Fort Lauderdale, Florida, USA, Dec. 2005.
 11. **Dikow, T.** *Einst und heute: Wie beurteilt man frühere Klassifikationen im Lichte neuer Phylogenien?*
8th Annual Meeting of the *Gesellschaft für Biologische Systematik*, Basel, Switzerland, Sep. 2005.
Abstract published in *Organisms, Diversity & Evolution* 5(4): 320.
DOI <http://dx.doi.org/10.1016/j.ode.2005.09.002>
 10. **Dikow, T.** Leptogastrinae in the fossil record (Insecta: Diptera: Asilidae) - evaluation of minimum age, biogeographical implications and morphological characteristics.
Fossils X 3 - Insects Arthropods Amber, Pretoria, South Africa, Feb. 2005.
 9. **Dikow, T.** New phylogenies and past classifications - should we compare the two?

- 52nd Annual Meeting of the Entomological Society of America, Salt Lake City, Utah, USA, Nov. 2004.
8. **Dikow, T.** Distribution data from taxonomic revisions and testing biodiversity hotspots. Graduate Student Symposium at Annual Meeting of the Eastern Branch of the Entomological Society of America, New Haven, Connecticut, USA, Mar. 2004.
 7. **Dikow, T. & Meier, R.** Taxonomic Revisions - Species numbers, locality data and biodiversity research. 51st Annual Meeting of the Entomological Society of America, Cincinnati, Ohio, USA, Oct. 2003.
 6. **Dikow, T. & Meier, R.** *Taxonomische Revisionen - Artenzahlen, Funddaten and Biodiversitätsforschung*. 6th Annual Meeting of the Gesellschaft für Biologische Systematik, Dresden, Germany, Sep. 2003. Abstract published in *Organisms, Diversity & Evolution* 3(4): 308.
DOI <http://dx.doi.org/10.1078/1439-6092-00087>
 5. **Dikow, T. & Meier, R.** Extrapolating from the observed species richness in a revision to its 'true' species diversity - a case study using robber flies (Asilidae: Diptera). Annual Meeting of the Eastern Branch of the Entomological Society of America, Harrisburg, Pennsylvania, USA, Mar. 2003.
 4. **Dikow, T. & Meier, R.** Extrapolating from the observed species richness in a revision to its 'true' species diversity. A case study using *Euscelidia* (Asilidae). 5th International Congress of Dipterology, Brisbane, Australia, Oct. 2002.
 3. **Dikow, T. & Geller-Grimm, F.** Asilidae database - content, structure, and accessibility. 5th International Congress of Dipterology, Brisbane, Australia, Oct. 2002.
 2. **Dikow, T.** *Revision and phylogenetische Analyse der Gattung Euscelidia Westwood, 1850 (Diptera: Asilidae)*. Diploma thesis defense presentation. University of Rostock, Rostock, Germany, Jan. 2002.
 1. **Dikow, T. & Mathis, W.N.** A revision and phylogenetic study of *Actocetor* (Diptera: Ephydriidae). National Museum of Natural History, Research Training Program presentation, Washington, DC, USA, Aug. 2000.
- Co-authored presentations** (in which I was not the presenter):
- Bayless, K. & **Dikow, T.** Taxonomic revision of the genus *Schildia* Aldrich, 1923 (Diptera: Asilidae) with descriptions of new extant and fossil species. 54th Annual Meeting of the Entomological Society of America, Indianapolis, Indiana, USA, Dec. 2006.

Poster presentations (recent posters available for viewing at slideshare.net)

3. **Dikow, T.** New data on the distribution of Mydidae in the Afrotropical and Oriental regions (Diptera: Asiloidea). 57th Annual Meeting of the Entomological Society of America, Indianapolis, Indiana, USA, Dec. 2009.
[slideshare.net link](#)
2. **Dikow, T. & Meier, R.** Specimen data from taxonomic revisions confirm the African biodiversity hotspots. Expanding the Arc Symposium, American Museum of Natural History, New York, New York, USA, Mar. 2004.
1. **Dikow, T. & Mathis, W.N.** A revision and phylogenetic study of *Actocetor* (Diptera: Ephydriidae). National Museum of Natural History, Research Training Program, Washington, DC, USA, Aug.

2000.

Research support (chronological starting with most recent)

Barcode of Life

Funding for sequencing COI for 500 Diptera species
Barcode of Life/Smithsonian Institution, US\$ 2,130, Sep. 2013

Peter Buck Postdoctoral Fellowship

Funding for postdoctoral salary, field work, and laboratory supplies
Smithsonian Institution, US\$ 98,000, 1 Sep. 2012–31 Aug. 2014

Synthesis Meeting

Funding for a meeting entitled, “Asiloidea flies and cybertaxonomic tools”
Organizers T. Dikow
NSF REVSYS grant and Biodiversity Synthesis Center, US\$ 20,000, 28–30 May 2012

Israel Taxonomy Initiative

Funding for teaching a fly taxonomy and cybertaxonomy course and field work in Israel
Israel Taxonomy Initiative, US\$ 3,625, 19 Jun. 2011

Synthesis Meeting

Funding for a meeting entitled, “From Taxonomic Literature to Cybertaxonomic Content”
Co-organizers J. Miller and T. Dikow
Biodiversity Synthesis Center, US\$ 17,000, 30 May–1 Jun. 2011

Field Dreams Council

Funding for Asilidae and Mydidae field work in the Namib Desert, Namibia
Field Museum of Natural History, US\$ 4,200, 1 Feb.–1 May 2011

Council on Africa

Funding for Diptera field work in southern Maputaland, South Africa with collaborators from South Africa
Field Museum of Natural History, US\$ 4,000, 1 Nov. 2010–31 Mar. 2011

NSF REVSYS Grant (PI Torsten Dikow, Co-PI David Yeates)

Funding for postdoctoral salary, field work, museum visits, training of students, and laboratory supplies
NSF (DEB 0919333), US\$ 382,628, 1 Aug. 2009–31 Jul. 2012.

Synthesis Meeting

Funding for a meeting entitled, “Towards a Synthesis of Biodiversity Informatics for True Flies”
Co-organizers T. Dikow, B. Wiegmann, F.C. Thompson, and T. Pape
Biodiversity Synthesis Center, US\$ 35,000, 7–9 Oct. 2008

Williston Award

Support to attend North American Dipterist’s Society field meeting in Silver City, New Mexico, USA
Smithsonian Institution, US\$ 860, 13–17 Aug. 2007.

Marie Stopes Student Travel Award

Support to attend the 26th Annual Willi Hennig Society Meeting, New Orleans, Louisiana, USA
Willi Hennig Society US\$ 500, 28 Jun.–2 Jul. 2007.

Rawlins Graduate Student Endowment

Support to attend the annual Eastern Branch meeting of the Entomological Society of America, Harrisburg, Pennsylvania, USA
Cornell University, US\$ 120, 18–19 Mar. 2007.

Collection Research Grant

Support to visit the Center for Systematic Entomology, Florida State Collection of Arthropods, Gainesville, Florida, USA
Florida State Collection of Arthropods, US\$ 500, 14–17 Nov. 2006.

Marie Stopes Student Travel Award and Rawlins Graduate Student Endowment

Support to attend the 25th Annual Willi Hennig Society Meeting, Oaxaca, Mexico
Willi Hennig Society US\$ 500 and Cornell University US\$ 550, 14–17 Aug. 2006.

NSF Doctoral Dissertation Improvement Grant (PI James Liebherr, Co-PI Torsten Dikow)

Funding for field-work in South-east Asia; museum visits to Amsterdam, The Netherlands, and London, UK; attendance at 6th International Congress of Dipterology in Fukuoka, Japan; and laboratory supplies for molecular phylogenetic projects
NSF (DEB 0608258), US\$ 11,950, 1 Jun. 2006–31 Aug. 2007.

Grace Griswold Scholarship

Support to attend North American Dipterist's Society field meeting at Malheur Field Station, Oregon, USA
Cornell University, US\$ 750, 5–9 Aug. 2005.

AMNH Travel Grant

Support to attend Fossils X 3 - Insects Arthropods Amber congress, Pretoria, South Africa and field-work in South Africa
American Museum of Natural History, US\$ 1,600, 3–18 Feb. 2005.

AMNH Research Grant

Laboratory grant for preliminary molecular studies
American Museum of Natural History, US\$ 2,500, 15 Jun. – 31 Aug. 2004.

Cornell Graduate School Research Travel Grant and Rawlins Graduate Student Endowment

Field trip to South Africa
Cornell University, US\$ 2,500, 8 Jan. – 19 Feb. 2004.

Ernst Mayr Award

Research grant to visit Museum of Comparative Zoology, Cambridge, Massachusetts, USA
Harvard University, US\$ 980, 12–19 Dec. 2003.

AMNH Graduate Student Fellowship

Ph.D. fellowship, Aug. 2003–Aug. 2007
American Museum of Natural History, US\$ 23,000 *per annum*.

Cornell Graduate School Fellowship

Ph.D. fellowship for 1st year of program, Aug. 2002–May 2003
Cornell University, US\$ 19,500.

Cornell Graduate School Travel Grants

Five travel grants to attend scientific meetings in Australia (26 Sep. – 11 Oct. 2002, US\$ 600), Germany (11–23 Sep. 2003, US\$ 600), South Africa (3–18 Feb. 2005, US\$ 600), Switzerland (7–27 Sep. 2005, US\$ 600), and the USA (28 Jun. – 2 Jul. 2007, US\$ 375).
Cornell University, US\$ 2,775.

Improving Human Potential Programme “Transnational Access to Major Research Infrastructures”

Visiting scientist at the Copenhagen Biosystematics Centre (COBICE), Zoological Museum, University of Copenhagen
European Commission, € 2,000, 6–24 Aug. 2001 and 18 Feb. – 15 Mar. 2002.

Smithsonian Institution, National Museum of Natural History, Research Training Program

Stipend to participate in Research Training Program

Smithsonian Institution, US\$ 2,400, 29 May–4 Aug. 2000.

Synergistic activities

◇ Editorial Board

Biodiversity Data Journal (Senior editor Insecta) (2013–present, [journal web-site](#))

◇ Subject editor

ZooKeys (Diptera) (2011–present, [journal web-site](#)).

◇ Scientific advisory / editorial board

African Invertebrates (2008–present, [journal web-site](#))

Insect Systematics & Evolution (2009–present, [journal web-site](#))

Studia Dipterologica (2010–present, [journal web-site](#)).

◇ Editorial panel

Manual of Afrotropical Diptera ([project web-site](#)).

◇ Peer reviewer of manuscripts in 39 journals

A: *African Entomology*, *African Invertebrates*, *Alcheringa*, *Arthropod Structure & Development*, *Arthropod Systematics & Phylogeny*, *Australian Entomologist*; **B:** *Banisteria*; **C:** *Check List*; *Cladistics*; **D:** *Dipterists Digest*; **E:** *Efflatounia*, *Entomologica Fennica*, *Entomological News*; **F:** *Faunistic Entomology - Entomologie faunistique*, *Fiji Arthropods*; **G:** *Gayana Zoologia*; **I:** *Insecta Mundi*, *Insect Systematics & Evolution*, *Invertebrate Systematics*; **J:** *Journal of Morphology*, *Journal of Natural History*, *Journal of the Entomological Research Society*, *Journal of Zoological Systematics and Evolutionary Research*; **M:** *Microscopy Research & Technique*, *Molecular Phylogenetics & Evolution*; **O:** *Organisms, Diversity & Evolution*; **P:** *PLoS ONE*, *Proceedings of the Entomological Society of Washington*; **R:** *Revista Brasileira de Entomologia*; **S:** *ScienceOpen*, *Studia Dipterologica*, *Systematic Entomology*, *Systematics & Biodiversity*; **T:** *Tijdschrift voor Entomologie*, *Transactions of the Royal Society of South Africa*; **Z:** *Zoological Journal of the Linnean Society*, *Zoosystematica Rossica*, *ZooKeys*, *Zootaxa*.

◇ Reviewer of grant proposals

U.S. National Science Foundation - Systematic Biology and Biodiversity Inventories.

Encyclopedia of Life - Biodiversity Synthesis Center.

Encyclopedia of Life - Rubenstein Fellows.

Society of Systematic Biologists - Mini-ARTS.

◇ Synthesis meeting organizer / co-organizer

Asiloidea flies and cybertaxonomic tools – May 2012.

From Taxonomic Literature to Cybertaxonomic Content – May 2011.

Towards a Synthesis of Biodiversity Informatics for True Flies – Oct. 2008.

◇ Symposium organizer / co-organizer at International Congresses of Dipterology

8th ICD Aug. 2014: Global Dipterology; Taxonomy and phylogeny of Orthorrhapha.

7th ICD Aug. 2010: Phylogeny and taxonomy within the “orthorrhaphous” Brachycera; Getting Diptera taxonomy up-to-date: New frontiers and the web.

6th ICD Sep. 2006: Taxonomy and systematics of Asiloidea.

◇ Functions at scientific societies:

Entomological Society of America: Snodgrass Research Memorial Judging panel (2013–present), moderator of Student Competition Sessions (2008–2012, 2014), judge in Student Competition Sessions (2013).

Willi Hennig Society: Council member (2014–present); Kurt Milton Pickett Intercontinental Travel Award and Marie Stopes Travel Award committee chair (2014–present) and previous member

(2009–2013).

Cornell University Graduate Student representative to ESA Eastern Branch (2006–2007).

◇ **Committee services at Cornell University:**

Jugatae Seminar Co-ordinator (entomology seminar series), Graduate student representative in Insect Collection Committee, Member of the Cornell Linnaean Games Team, Library volunteer.

◇ Participating Diptera taxonomist in BioBlitz: Bivane-Catchment, KwaZulu-Natal, South Africa 1999; Insel Vilm, Mecklenburg-Vorpommern, Germany 2002; Middlefork Savannah, Lake County Forest Preserve, Illinois, USA 2008; Indiana Dunes, Indiana, USA 2009.

◇ Organizer of the *Systematics Discussion Group* among graduate students and postdoctoral fellows at the AMNH, 2004–2007.

◇ Founding member and web-master of European Club at Cornell University, 2003–2007.

◇ Co-organizer of biogeography workshop within *Gesellschaft für Biologische Systematik*, University of Rostock, Jul. 2002.

Teaching experience

◇ Phylogenetic Systematics, Field Museum of Natural History, 24 Jun. – 15 Aug. 2009.

◇ POY workshop, Universidade de São Paulo, São Paulo, Brazil, 27 Nov. – 1 Dec. 2007.

◇ Insect Biology, Cornell University, Fall 2003, Volunteer Teaching Assistant.

◇ Diptera in Systematic Entomology lecture series, University of Rostock, Jun. 2001 and Jun. 2002 (1.5 hour lecture on phylogeny, morphology, and biodiversity of Diptera).

◇ Student assistant in insect morphology lab, University of Rostock, Feb. 2001.

Student mentorship

◇ Advisor of two NSF-funded summer interns at the National Museum of Natural History, May–Aug. 2013, May–Aug. 2014.

◇ Advisor of three NSF-funded summer interns at the Field Museum of Natural History, May–Aug. 2010, Jun–Aug. 2011, and Jun–Aug. 2012.

◇ Advisor of two Roosevelt University undergraduates in “Museum Studies at the Field Museum” and “Biodiversity” at the Field Museum of Natural History, Jan.–Apr. 2011 and Sep.–Dec. 2011.

◇ External co-advisor of Ph.D. student Rodrigo Vieira at Instituto Nacional de Pesquisas da Amazônia, Manaus, Amazonas, Brazil. 2009–present.

◇ External co-advisor of Ph.D. student Julia Almeida at Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil. 2008–present.

◇ Advisor of NSF-funded REU summer intern at the American Museum of Natural History, May–Aug. 2006.

Curatorial experience

◇ Curation of Apioceridae, Asilidae, and Mydidae collections at Cornell University, American Museum of Natural History, Field Museum of Natural History, and National Museum of Natural History.

◇ Family-level identification and sorting of all pinned unidentified Diptera specimens at Cornell University.

◇ Resident or visiting researcher at following natural history collections:

Denmark: Natural History Museum of Denmark (**ZMUC**), Copenhagen, Aug. 2001 and Feb.–Mar.

2002.

South Africa: KwaZulu-Natal Museum (**NMSA**), Pietermaritzburg, Aug. 1999–May 2000.

USA: National Museum of Natural History, Smithsonian Institution (**USNM**), Washington, DC, May–Aug. 2000, Nov. 2012–present; Cornell University (**CUIC**), Ithaca, NY, Aug. 2002–Jun. 2004; American Museum of Natural History (**AMNH**), New York, NY, Jul. 2004–Dec. 2007; Field Museum of Natural History (**FMNH**), Chicago, IL, Jan. 2008–Aug. 2012.

- ◇ Museum collection visits to study type specimens as well as sort and identify specimens (42 natural history collections in 14 countries in total):

Argentina: Tucumán (Fundación Miguel Lillo, **IMLA**); **Australia:** Canberra (Australian National Insect Collection, **ANIC**), Perth (Western Australian Museum, **WAM**), Sydney (Australian Museum, **AMS**); **Austria:** Vienna (Naturhistorisches Museum, **NHMW**); **Brazil:** Manaus (Instituto Nacional de Pesquisas da Amazônia, **INPA**), Ribeirão Preto (Universidade de São Paulo), São Paulo (Museu de Zoologia da Universidade de São Paulo, **MZSP**); **Canada:** Ottawa (Canadian National Collection of Insects, Arachnids and Nematodes, **CNC**); **Costa Rica:** San José (Instituto Nacional de Biodiversidad, **INBIO**); **Denmark:** Copenhagen (Zoological Museum, Natural History Museum of Denmark, **ZMUC**); **France:** Paris (Muséum national d'Histoire naturelle, **MNHN**); **Germany:** Berlin (Museum für Naturkunde, **ZMHB**), Messel (Senckenberg Forschungsstation Messel), Müncheberg (Senckenberg Deutsches Entomologisches Institut, **DEI**), München (Zoologische Staatssammlung, **ZSMC**), Stuttgart (Staatliches Museum für Naturkunde, **SMNS**); **The Netherlands:** Amsterdam (Zoological Museum at the University of Amsterdam, **ZAM**), Leiden (Naturalis, **RMNH**); **Malaysia:** Kepong (Forest Research Institute of Malaysia, **FRIM**); **Singapore** (Raffles Museum of Biodiversity Research, **ZRC**); **South Africa:** Cape Town (Iziko South African Museum, **SAMC**), Pietermaritzburg (KwaZulu-Natal Museum, **NMSA**), Pretoria (South African National Collection of Insects, **SANC**); **UK:** London (The Natural History Museum, **BMNH**); **USA:** Cambridge, MA (Museum of Comparative Zoology, Harvard University, **MCZ**), Chicago, IL (Field Museum of Natural History, **FMNH**), College Station, TX (Texas A&M University, **TAMU**); Davis, CA (Bohart Museum, University of California, **UCDC**), East Lansing, MI (Michigan State University, **MSUC**); Gainesville, FL (Florida State Collection of Arthropods, **FSCA**), Honolulu, HI (Bernice P. Bishop Museum, **BPBM**), Ithaca, NY (Cornell University, **CUIC**), Lawrence, KS (Snow Entomological Collection, University of Kansas, **SEMC**), Los Angeles, CA (Natural History Museum of Los Angeles County, **LACM**), New Haven, CT (Peabody Museum of Natural History, Yale University, **PMNH**), New York, NY (American Museum of Natural History, **AMNH**), Philadelphia, PA (Academy of Natural Sciences, **ANSP**), Riverside, CA (Entomology Research Museum, University of California, **UCRC**), Sacramento, CA (California State Collection of Arthropods, **CSCA**), San Diego, CA (San Diego Natural History Museum, **SDMC**); Venus, FL (Archbold Biological Station, **ABS**); Washington, DC (National Museum of Natural History, Smithsonian Institution, **USNM**).

- ◇ Organization and databasing of historical slide collections of O.A. Johannsen (Diptera) and J.G. Needham (Ephemeroptera) at Cornell University, May–Aug. 2003.

Field experience

- ◇ Australia (ACT, Western Australia), Dec. 2011.
- ◇ Brazil (Amazonas), Aug. 2011.
- ◇ Costa Rica (Alajuela, Guanacaste, Heredia), Aug. 2010.
- ◇ Germany (Bayern, Brandenburg, Hessen, Mecklenburg-Vorpommern, Rheinland-Pfalz), 1996–2002, 2013, 2014.
- ◇ Malaysia (Johor, Pahang, Selangor), Mar. 2006, Oct. 2006.

- ◇ Namibia (Erongo, Hardap, Karas, Khomas), Dec. 1999, Feb. 2012.
- ◇ Nepal (Annapurna and Dhaulagiri regions), May–Jun. 2001.
- ◇ Singapore, Sep.–Oct. 2006.
- ◇ South Africa (Eastern Cape, KwaZulu-Natal, Limpopo, Northern Cape, Western Cape), Sep. 1999–Apr. 2000, Feb.–Mar. 2004, Feb. 2005, Sep.–Oct. 2009.
- ◇ USA (Arizona, California, Connecticut, Florida, Illinois, Indiana, Maryland, New Mexico, New York, Oregon, Pennsylvania, Rhode Island), 2002–present.

Society membership

- ◇ *Gesellschaft für Biologische Systematik* (GfBS), Germany, 2000–present, [link](#).
- ◇ Royal Entomological Society, UK, 2001–present, [link](#).
- ◇ Entomological Society of America (ESA), USA, 2002–present, [link](#).
- ◇ Willi Hennig Society (WHS), USA, 2003–present, [link](#).
- ◇ The Systematics Association, UK, 2003–present, [link](#).
- ◇ Entomological Society of Southern Africa (ESSA), South Africa, 2010–present, [link](#).
- ◇ Entomological Collections Network (ECN), [link](#).
- ◇ Entomological Society of Washington (ESW), 2012–present, [link](#).
- ◇ *Deutsche Gesellschaft für allgemeine und angewandte Entomologie* (DGaaE), Germany, 2014–present, [link](#).

Part-time employment

Aug. 2001 and Feb. – Mar. 2002

Visiting scientist at the Copenhagen Biosystematics Centre (COBICE) at the Zoological Museum of the University of Copenhagen, Denmark.

Jul. – Aug. 1996

Institut für Ostseeforschung, Rostock, Germany.

Nov. 1994 – Dec. 1995

Zivildienst - community service as alternative to military service at the Environmental Supervision Agency, Rostock, Germany.

Languages

German (native), English (fluent), Russian (reading)