

CURRICULUM VITAE

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02.06.1980

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POSITIONS

- Jan 2014 to date maître de conférences at the MNHN, Paris
- Sep 2013 to Jan 2014 freelancer at the “Akademie für Natur- und Umweltschutz beim Ministerium für Umwelt, Klima und Energiewirtschaft Baden-Württemberg“, Germany
- Sep 2011 to Sep 2013 maternity leave
- Sep 2010 to June 2011 Post-doctoral research associate at the Department of Fisheries Science, Virginia Institute of Marine Science, College of William & Mary
- April 2010 to Sep 2010 teaching assistant at the Department of Zoology, University of Tübingen
- June 2006 to April 2010 PhD student at the Department of Zoology, University of Tübingen.
Dissertation title: Morphological systematic studies on the anterior axial skeleton of Stomiidae (Stomiiformes, Teleostei). Graduation with magna cum laude.

PUBLICATIONS IN PEER REVIEW JOURNALS

Johnson GD, **Schnell NK**. Submitted. Development of the Rostrum and Upper Jaws in Squirrelfishes and Soldierfishes (Beryciformes: Holocentridae): a Unique Ontogenetic Trajectory. In: Fishes and Morphology Today. Arratia G., Johnson GD (editors). Copeia special issue.

Schnell NK, Hilton EJ. In press. Osteology and Ontogeny of the Wrymouths, Genus *Cryptacanthodes* (Cottiformes: Zoarcoidei: Cryptacanthodidae). Journal of Morphology.

Hilton EJ, Konstantinidis P, **Schnell NK**, Dillman CB. 2014. Identity of a unique cartilage in the buccal cavity of gars (Neopterygii: Lepisosteiformes: Lepisosteidae). Copeia 2014(1):50-55. <http://dx.doi.org/10.1643/CI-12-173>

Schnell NK, Johnson GD. 2012. Ontogenetic fusion of the third and fourth pharyngobranchial in barbeled dragonfishes (Stomiidae, Teleostei) with a revision of the identity of the single posterior upper pharyngeal toothplate. Copeia 2012 (3): 394-407. (assigned by Copeia as **Best Paper, Ichthyology and Best Paper Young Scholar, Ichthyology 2012**). DOI: 10.1643/CG-11-051

Schnell NK. 2010. Morphologisch-systematische Untersuchungen am vorderen Axialskelett der Stomiidae (Stomiiformes, Teleostei). Dissertation, Eberhard-Karls Universität Tübingen. <http://nbn-resolving.de/urn:nbn:de:bsz:21-opus-47895>.

Schnell NK, Britz R, Johnson GD. 2010. New insights into the complex structure and ontogeny of the occipito-vertebral gap in barbeled dragonfishes (Stomiidae, Teleostei). *Journal of Morphology* 271: 1006-1022. (assigned with the Reinhard Rieger Award in Zoomorphology for the year 2010). DOI: 10.1002/jmor.10858

Schnell NK, Bernstein P, Maier W. 2008. The pseudo-craniovertebral articulation of *Stomias boa* (Stomiidae, Teleostei). *Journal of Morphology* 269 (5): 513-521. DOI: 10.1002/jmor.10584

GRANTS AND FELLOWSHIPS RECEIVED AS PI

- 2006 Reinhold und Maria Teufel Stiftung: Grant to support trip to the Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana. (€ 1.050).
- 2007 Reinhold und Maria Teufel Stiftung: Grant to support trip to the 8th International Congress of Vertebrate Morphology, Paris, France. (€ 365).
- 2007 October 7th – November 3rd: Synthesys funding at the NHM, London. Host: Dr. Ralf Britz (GB-TAF-3239)
- 2008 January – September: Smithsonian Predoctoral Fellowship at the NMNH, Washington DC (\$ 17.500)
- 2008 Reinhold und Maria Teufel Stiftung: Grant to support participation at the Fish Larval Ecology course, at the University of New England, Biddeford. (€ 1.500).
- 2008 International Student Diversity Scholarship Support in Marine Science: to completely cover the costs of food and housing during my enrollment at UNE in the topics: Fish Larval Ecology course. (\$ 1.030).
- 2008 American Society of Ichthyology and Herpetology Student Travel Award: Grant to support trip to the Joint Meeting of Ichthyologists and Herpetologists, Montreal. (\$ 300).
- 2009 Reinhold und Maria Teufel Stiftung: Grant to support trip to the 8th Indo Pacific Fish Conference. Fremantle, Western Australia. (€ 1.505).
- 2009 July 28th – September 30th: Invited research visitor at the Smithsonian Institution NMNH, Washington DC. Host: Dr. G. David Johnson. (\$ 3.000).
- 2010 February 17th – March 5th: Zoological Research Fund at the NHM, London. Host: Dr. Lukas Rüber. Evolution of morphological novelty in the barbeled dragonfishes (Stomiidae, Teleostei): a molecular perspective. (£ 2.866).
- 2010 Reinhard Rieger Award in Zoomorphology for the year 2010 for the paper “New insights into the complex structure and ontogeny of the occipito-vertebral gap in barbeled dragonfishes (Stomiidae, Teleostei)” (\$ 3.000).
- 2011 Travel grant from the Zoological Museum, Natural History Museum of Denmark in order to identify larval fishes of the order Ophidiiformes from the extensive and historically important Dana Collections in collaboration with Dr. Jørgen Nielsen and Dr. Peter Rask Møller. (DKK 10.000).
- 2012 ‘Come back to research’ fellowship from the Leibniz-Institute for Baltic Sea Research Warnemünde in order to write a DFG proposal for funding of a two-year position as a postdoctoral researcher with the topic ‘Effects of ocean acidification on the skeletal development in larval stages of economically important fish species’. (€ 8.880).

CONFERENCE PRESENTATIONS AND INVITED TALKS

POSTER:

Schnell NK, Hilton EJ. 2011. Osteology and ontogeny of the wrymouth *Cryptacanthodes maculatus* and the dwarf wrymouth *C. aleutensis* (Perciformes: Zoarcoidei: Cryptacanthodidae). 35th Larval Fish Conference. Wilmington, North Carolina.

Schnell NK, Bernstein P. 2006. The pseudo-craniovertebral articulation in the deep sea fish *Stomias boa* (Teleostei: Stomiidae). Joint meeting of Ichthyologists and Herpetologists. New Orleans, Louisiana.

TALK:

Schnell NK. 2012. New insights into the complex structure and ontogeny of the occipito-vertebral gap in barbeled dragonfishes (Stomiidae, Teleostei). Musée national d'histoire naturelle, Paris (9. Oktober 2012).

Schnell NK, Johnson GD. 2011. Unique ontogenetic trajectory of the upper jaw development in squirrelfish and soldierfish (Beryciformes: Holocentridae). 35th Larval Fish Conference. Wilmington, North Carolina.

Schnell NK. 2010. Stomiidae - ワニトカゲギス科. Deep-Sea Fish Workshop at the Natural Science Museum, Tokyo, Japan – organized by Dr. Gento Shinohara (1. - 10. Februar 2010).

Schnell NK, Johnson GD. 2009. Ontogenetic fusion of the third and fourth pharyngobranchial: a new character in stomiid phylogeny (Stomiidae, Teleostei)? 8th Indo Pacific Fish Conference. Fremantle, Western Australia.

Schnell NK. 2008. Occipito-vertebral gap: The complex structure of the anterior part of the vertebral column in barbeled dragonfishes (Stomiidae, Teleostei) and its phylogenetic implications. Joint meeting of Ichthyologists and Herpetologists. Montreal, Canada.

Schnell NK, Bernstein P. 2007. Vertebral centra lost – a synapomorphic feature within the stomiid genera? 8th International Congress of Vertebrate Morphology. Paris, France.

Schnell NK. 2006. Morphological adaptations of the feeding mechanism in the deep sea fish *Stomias boa* (Teleostei: Stomiidae). Meeting of Students in Evolution and Ecology (StEvE). Tübingen, Germany.

FURTHER EDUCATION (COURSES AND WORKSHOPS)

July 29 th – August 15 th 2008	Graduate Course in Larval Fish Identification and Ecology MSCI 657, MEES 698, UNE BIO 580: Early Life History of Marine Fishes at the University of New England, Biddeford held by Professors John E. Olney (College of William and Mary) and Edward D. Houde (University of Maryland Center for Environmental Science).
March 2 nd - March 13 th 2009	Larval fish workshop at the Natural Science Museum, Tokyo, Japan organized by Dr. Keiichi Matsuura.
February 1 st – February 10 th 2010	Deep-Sea Fish Workshop at the Natural Science Museum, Tokyo, Japan organized by Dr. Gento Shinohara.
May 10 th – May 15 th 2010	EOL Synthesis Meeting on Deep-Sea Fishes at the Museum of Comparative Zoology at Harvard University, Cambridge, MA. The meeting is spearheaded by Prof. Dr. Ted Pietsch and Christopher Kenaley of the University of Washington, Seattle.