

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/235631822>

# 1,000 sequences and counting ... Progress and workflow of the Sponge Barcoding Project.

Conference Paper · September 2010

CITATIONS

0

READS

66

14 authors, including:



**Dirk Erpenbeck**

Ludwig-Maximilians-University of Munich

332 PUBLICATIONS 3,317 CITATIONS

[SEE PROFILE](#)



**Kathryn Hall**

Queensland Museum

81 PUBLICATIONS 376 CITATIONS

[SEE PROFILE](#)



**Astrid Schuster**

University of Southern Denmark

17 PUBLICATIONS 110 CITATIONS

[SEE PROFILE](#)



**John N.A. Hooper**

Queensland Museum

404 PUBLICATIONS 6,874 CITATIONS

[SEE PROFILE](#)

Some of the authors of this publication are also working on these related projects:



Seamounts Lithistid populations [View project](#)



Tethya wilhelma genome [View project](#)



LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

Earth & Environmental Sciences, Palaeontology & Geobiology  
GeoBio-Center<sup>LMU</sup>



# 1.000 Sequences and counting...

## Progress and workflow of the Sponge Barcoding Project

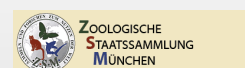
Dirk Erpenbeck<sup>1</sup>, Kathryn Hall<sup>2</sup>, Gabriele Büttner<sup>1</sup>, Simone Schätzle<sup>1</sup>, Sergio Vargas<sup>1</sup>, Oliver Voigt<sup>1</sup>, Katharina Sacher<sup>1</sup>, Astrid Schuster<sup>1</sup>, Benjamin Läubli<sup>1</sup>, Stephan Lauthenschlager<sup>1</sup>, Sabine Beierl<sup>1</sup>, Gerhard Haszprunar<sup>3</sup>, John N.A. Hooper<sup>2</sup>, Gert Wörheide<sup>1</sup>

<sup>1</sup> Dept. of Earth and Environmental Sciences Paleontology & Geobiology, & GeoBio-Center<sup>LMU</sup> Ludwig-Maximilians-University Munich, Germany

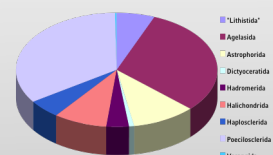
<sup>2</sup> Biodiversity Project, Queensland Museum, South Brisbane, QLD 4101, Australia

<sup>3</sup> Bavarian State Collection of Zoology & GeoBio-Center<sup>LMU</sup>, Munich, Germany

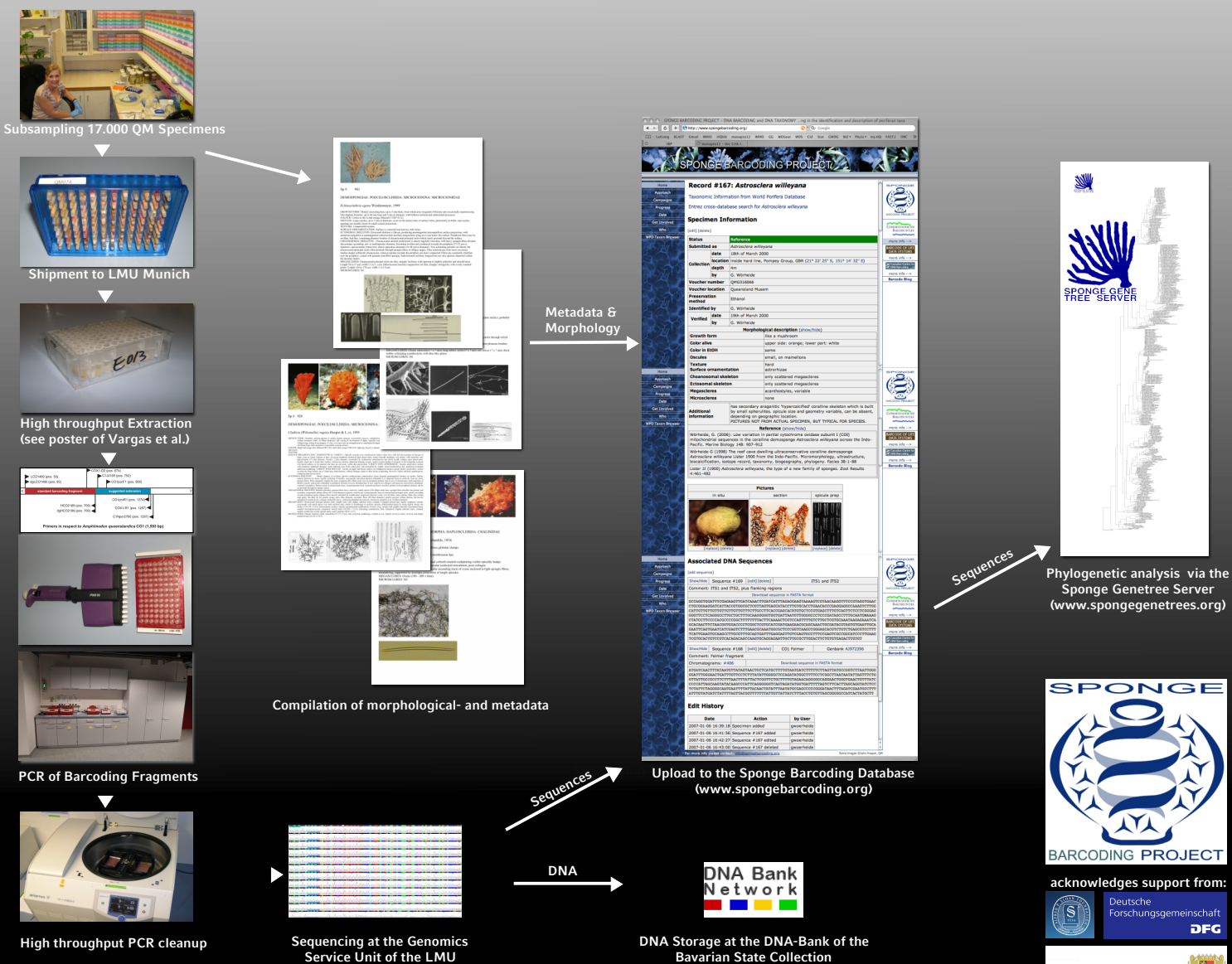
contact: [info@spongebarcoding.org](mailto:info@spongebarcoding.org), [www.spongebarcoding.org](http://www.spongebarcoding.org)



The Sponge Barcoding Project ([www.spongebarcoding.org](http://www.spongebarcoding.org)) is the first worldwide barcoding project on any non-bilaterian taxon, and aims to cover the complete taxonomic range of Porifera. The Sponge Barcoding Database (SBD) is the prime access point for DNA signature sequences together with information on conventional morphological taxonomic characters of sponges. This unique combination of sponge-specific conventional taxonomic information and their DNA signature sequences is crucial for the use on sponges and the distinguishing feature to all other DNA databases. In its initial phase, the Sponge Barcoding Project currently constructs its backbone framework of DNA signature sequences primarily from specimens of the Queensland Museum (QM, Brisbane, Australia), which hosts one of the largest sponge collection of the Southern Hemisphere and provides tissue of 17.000 samples. Currently extracts of 4.000 specimens extracts are produced and in October 2010 the 1.000th sequence is expected to be uploaded to the sponge barcoding database.



Current (Sept 2010) ordinal distribution of the QM samples uploaded to the SBD



acknowledges support from:



Bavarian State Ministry of Sciences, Research and the Arts