CURRICULUM VITAE
ANDREW W HILL

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VIZZUALITY	**SENIOR SCIENTIST** *247 Centre Street, Fl 6., New York, NY 10013*	*2011-Present*

EDUCATION

UNIVERSITY OF COLORADO
M.A. Ecology and Evolutionary Biology, 2008
Ph.D. Ecology and Evolutionary Biology, 2012

PUBLICATIONS

2012

Hill AW, Guralnick R, Smith A, Sallans A, Gillespie R, Denslow M, Gross J, Murrell Z, Conyers T, Oboyski P, Ball J, Thomer A, Prys-Jones R, de la Torre J, Kociolek P, Fortson L. The notes from nature tool for unlocking biodiversity records from museum records through citizen science. ZooKeys 209: 219-233 [full-text]

2011

Bachman S, Moat J, Hill AW, de la Torre J, Scott B. Supporting Red List threat assessments with GeoCAT: Geospatial Conservation Assessment Tool. ZooKeys 150: 117-126 [full-text]

Maddison DR, Guralnick R, Hill AW, Reysenbach AL, McDade L. Ramping up biodiversity discovery via online quantum contribution. Trends in Ecology & Evolution. doi:10.1016/j.tree.2011.10.010

McDade LA, Maddison DR, Guralnick R, Piwowar HA, Jameson ML, Helgen KM, Herendeen PS, Hill AW, Vis ML. Biology needs a modern assessment system for professional productivity. BioScience 61(8):619-625 [full-text]

2010

Hill AW, Otegui J, Ariño AH, Guralnick RP. GBIF Position Paper on Future Directions and Recommendations for Enhancing Fitness-for-Use Across the GBIF Network, version 1.0. Copenhagen: Global Biodiversity Information Facility, 25 pp. ISBN: 87-92020-11-9. [full text]

Hill AW and Guralnick RP. GeoPhylo Engine: an online tool for developing visualizations of phylogenetic trees in geographic space. Ecography. [full text]

2009

Hill AW, Guralnick RP, Flemons P, Beaman R, Wieczorek J, Ranipeta A, Chavan V, Remsen D. Location, Location, Location: Utilizing pipelines and services to more effectively georeference the world's biodiversity data. BMC Bioinformatics. 10(Suppl 14):S3.

Guralnick RP and Hill AW. Biodiversity informatics: Automated approaches for documenting global biodiversity patterns and processes. Bioinformatics. 25(4):421-428. [full text]

Hill AW, Guralnick RP, Wilson MJC, Habib F, Janies D. Evolution of drug-resistance in multiple distinct lineages of H5N1 avian influenza. Infection, Genetics, and Evolution 9(2):169-178. [full text]

2008

Schmidt SK, Reed SC, Nemergut DR, Grandy AS, Cleveland CC, Weintraub MN, Hill AW, Costello EK, Meyer AF, Martin AM, Neff JC. The earliest stages of microbial ecosystem succession in high-elevation, recently deglaciated soils. Proceedings B 275(1653):2793-2802.

Hill AW, Guralnick RP. Distributed systems and automated biodiversity informatics: Genomic analysis and geographic visualization of disease evolution. In A. Gray, K. Jeffery, and J. Shao (Eds.) British National Conference on Databases. Springer-Verlag Lecture Notes in Computer Science series 5071, pp. 270-279. Berlin & Heidelberg.

Janies D, Habib F, Alexandrov B, Hill AW, Pol D. Evolution of genomes, host shifts, and geographic spread of SARS-CoV and related coronaviruses. Cladistics 23:1-20.

ANDREW W. HILL

2007

Guralnick RP, Hill AW, Lane M. Towards a collaborative, global infrastructure for biodiversity assessment. Ecology Letters 10:663-672. [full text]

Janies D, Hill AW, Guralnick RP, Habib F, Waltari E, Wheeler WC. Genomic analysis and geographic visualization of the spread of Avian Influenza (H5N1). Systematic Biology 56(2):321-329.[full text]

PROJECT SAMPLES	PLUTO DATA MAPPED *http://andrewxhill.github.io/cartodb-examples/scroll-story/pluto/index.html*	*2013*
	NEW YORK PUBLIC LIBRARY HISTORICAL DATA MAPS *http://andrewxhill.github.io/cartodb-examples/scroll-story/basic/index.html*	*2013*
	NYC HENGE *http://nychenge.com/ and original presentation*	*2013*
	LIVING CITIES (COLLABORATION BETWEEN CARTODB AND NOKIA) *http://here.com/livingcities/*	*2013*
	GUARDIAN DATA BLOG - OLD WEATHER MAPPED *www.guardian.co.uk/news/datablog/interactive/2012/oct/01/first-world-war-royal-navy-ships-mapped*	*2012*
	NOTES FROM NATURE *http://www.notesfromnature.org/*	*2012*
	GUARDIAN DATA BLOG - SYRIA CONFLICT MAP *www.guardian.co.uk/news/datablog/interactive/2012/aug/02/syria-deaths-map*	*2012*
OTHER SERVICES	**RE3** Co-developed and co-organized the Re3 StoryHack	*2013-Present*
	SURFRIDER NYC Vice-chair, website	*2012-Present*
	ECOHACKNYC Co-developed and co-organized EcoHack	*2011-Present*
	CITIZEN SCIENCE ALLIANCE Contributor to Vizzuality representation within the CSA	*2011-Present*
TEACHING	**IE UNIVERSITY** Data management and Information Design. Associate Professor. Madrid, Spain	*2011-2012*
	UNIVERSITY OF COLORADO Invertebrate Diversity. Teaching Assistant.	*2006*
CODE DEV	NOTES FROM NATURE *https://github.com/zooniverse/notesFromNature/*	*2011-Present*
	CARTODB *http://cartodb.com/*	*2011-Present*
	TORQUE *https://github.com/cartodb/torque*	*2012-Present*
	CARTODB-R *https://github.com/Vizzuality/CartoDB-R*	*2012-Present*
	GLOBAL FOREST WATCH *http://vizzuality.com/projects/gfwprototype*	*2011-Present*
	NEEMO	

ANDREW W. HILL

http://neemo.zooniverse.org/	*2011*
COMMPLISH	
http://github.com/andrewxhill/Commplish	*2011*
MAP OF LIFE	
http://github.com/andrewxhill/MOL	*2010-2011*
PHYLOBOX	
http://github.com/andrewxhill/PhyloBox	*2010*
GEOPHYLO	
http://github.com/andrewxhill/GeoPhylo	*2009-2010*

WORKSHOPS, AWARDS, ETC

2013 FOSS4G MAP GALLERY WINNER: BEST IN SHOW, BEST DATA INTEGRATION, MOST UNIQUE

2012 TEACHING: DATA VISUALIZATION AND GIS AT THE VIBRANT WORKSHOP ON DATA ANALYSIS AND VISUALIZATION USING CARTODB

2012 TEACHING: GIS AND WEB-MAPPING FOR JOURNALISTS AT THE TOW CENTER MAPATHON

2011 INVITED SPEAKER AT THE MICHIGAN EARLY CAREER SCIENTIST SYMPOSIUM

2010 IEVOBIO. VISUALIZATION CHALLENGE ENTRY (FIRST PLACE). PHYLOBOX: A BETTER WAY TO DO PHYLOGENETIC TREES ON THE WEB.

2008 DISTRIBUTED SYSTEMS AND AUTOMATED BIODIVERSITY INFORMATICS. BNCOD, BIODIVERSITY INFORMATICS WORKSHOP. BEST PAPER RECOGNITION

2007 GENOMIC ANALYSIS AND GEOGRAPHIC VISUALIZATION OF H5N1 AND SARS-COV (POSTER). AMIA ANNUAL SYMPOSIUM. DISTINGUISHED POSTER AWARD