# NESCent/RCN Anatomy Ontology Course 2012 Reading Material

OWL2 primer

<http://www.w3.org/TR/owl2-primer/>

Protege Pizza tutorial

<http://owl.cs.manchester.ac.uk/tutorials/protegeowltutorial/resources/ProtegeOWLTutorialP4_v1_3.pdf>

Rector, A. 2003. Modularisation of Domain Ontologies

Implemented in Description Logics and related formalisms including OWL. Proc. K-CAP:ACM: p. 121-129.

<http://www.cs.man.ac.uk/~rector/papers/rector-modularisation-kcap-2003-distrib.pdf>

Smith et al., 2005. Relations in Biomed

<http://genomebiology.com/content/pdf/gb-2005-6-5-r46.pdf>

Closing Down the Open World: Covering Axioms and Closure Axioms

<http://ontogenesis.knowledgeblog.org/1001>

Tim Swanson. Taming the open world

<http://semtech2011.semanticweb.com/uploads/handouts/SUN_400_Swanson_3840.pdf>

Uberon paper

<http://genomebiology.com/content/pdf/gb-2012-13-1-r5.pdf>

Ontology is Overrated <wink, but actually good fodder>

<http://www.shirky.com/writings/ontology_overrated.html>

<http://www.pensoft.net/journals/jhr/article/2961/a-hymenopterists>

Phenotype ontologies: the bridge between genomics and evolution

Paula M. Mabee, Michael Ashburner, Quentin Cronk, Georgios V. Gkoutos, Melissa Haendel, Erik Segerdell, Chris Mungall, Monte Westerfield

<http://www.sciencedirect.com/science/article/pii/S0169534707001048>

Time to change how we describe biodiversity.

Deans AR, Yoder MJ, Balhoff JP.

Trends Ecol Evol. 2012 Feb;27(2):78-84. Epub 2011 Dec 19.

PMID: 22189359

<http://www.cell.com/trends/ecology-evolution/abstract/S0169-5347%2811%2900330-2>

vHOG, a multispecies vertebrate ontology of homologous organs groups

Anne Niknejad, Aurélie Comte, Gilles Parmentier, Julien Roux, Frederic B. Bastian, and Marc Robinson-Rechavi

<http://bioinformatics.oxfordjournals.org/content/28/7/1017.full>

Linking Human Diseases to Animal Models Using Ontology-Based Phenotype Annotation

<http://www.plosbiology.org/article/info%3Adoi%2F10.1371%2Fjournal.pbio.1000247>

Integrating phenotype ontologies across multiple species

Christopher J Mungall, Georgios V Gkoutos, Cynthia L Smith, Melissa A Haendel, Suzanna E Lewis and Michael Ashburner

<http://genomebiology.com/2010/11/1/R2/>

McGary et al. Systematic discovery of nonobvious human disease models through orthologous phenotypes

<http://www.pnas.org/content/107/14/6544.full>