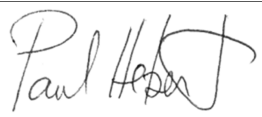


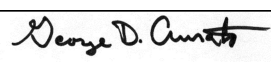
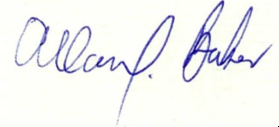
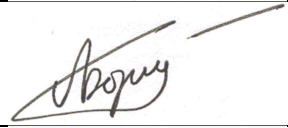

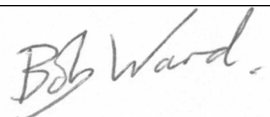
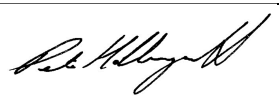



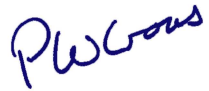

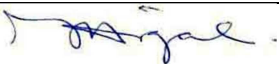

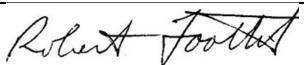


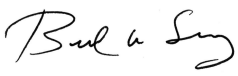

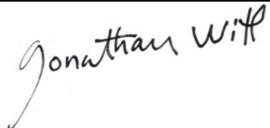



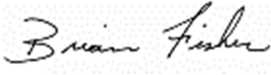
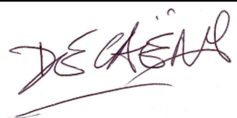







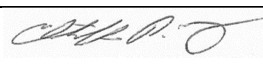

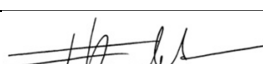
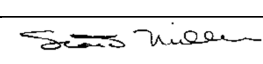
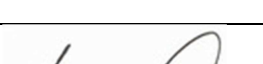
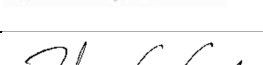


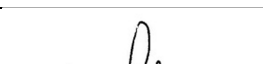


II TEAM MEMBERS




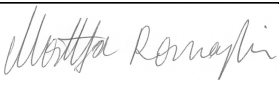





RESEARCH TEAM






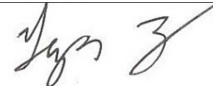
Name, Title and Affiliation	Role	Time (hrs/week)	Description of Responsibilities	Signature
Paul Hebert Director Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Project Leader	60	Dr. Hebert is the Scientific Director of iBOL, responsible for overseeing iBOL scientific programs	
Peter Freeman iBOL Executive Director Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Co-project Leader	35	Dr. Freeman is Executive Director of iBOL, responsible for overseeing the operational activities of the iBOL Project	
DNA Barcode Library				
Eldredge Bermingham Director Smithsonian Tropical Research Institute Balboa, Panama	Co-applicant	15	Chair WG1.1 Vertebrates	
George Amato Director, Sackler Institute for Comparative Genomics American Museum of Natural History New York City, USA	Co-applicant	10	Vice-Chair WG 1.1 Vertebrates	
Baker, Alan Dept of Natural History, Royal Ontario Museum, Canada	Collaborator	5	Participant in WG1.1 for iBOL Canada	
Borisenko, Alex Biodiversity Institute of Ontario, University of Guelph, Canada	Co-applicant	35	Participant in WG1.1 for iBOL Canada	
Murphy, Robert Royal Ontario Museum, Canada bob.murphy@utoronto.ca	Co-applicant	5	Participant in WG1.1 for iBOL Canada	
Ward, Robert Division of Marine & Atmos. Sci., CSIRO, Hobart, Australia	Co-applicant	10	Participant in WG1.1 & 1.8, Australia	
Peter Hollingsworth Lead Geneticist Royal Botanic Gardens Edinburgh, UK	Co-applicant	15	Chair WG 1.2 Land Plants	
De-Zhu Li Director, Kunming Institute of Botany Chinese Academy of Sciences Kunming, China	Co-applicant	10	Vice-Chair WG 1.2 Land Plants	

Barrett, Spencer Ecology & Evolutionary Biology, University of Toronto, Canada	Co-applicant	5	Participant in WG1.2 for iBOL Canada	
Graham, Sean Land & Food Systems, University of British Columbia	Co-applicant	5	Participant in WG1.2 for iBOL Canada	
Pedro Crous Director Centraalbureau voor Schimmelcultures Utrecht, The Netherlands	Co-applicant	15	Chair WG 1.3 Fungi	
Keith Seifert Senior Scientist Agriculture and Agri-food Canada Ottawa, Canada	Co-applicant	10	Vice-Chair WG 1.3 Fungi	
Daniel Masiga Research Scientist Centre for Insect Physiology and Ecology Nairobi, Kenya	Co-applicant	15	Chair WG 1.4 Animal Parasites, Pathogens and Vectors	
Currie, Douglas Royal Ontario Museum, Canada	Co-applicant	5	Participant in WG1.4 for iBOL Canada	
Ryan Gregory	N/A		Retired from the project	
Robert Footitt Senior Scientist Agriculture and Agri-food Canada Ottawa, Canada	Co-applicant	15	Chair WG 1.5 Agricultural and Forestry Pests and their Parasitoids	
Jean-Yves Rasplus Director of Research INRA - CBGP (Centre de Biologie et de Gestion des Populations) Montferrier-sur-Lez, France	Co-applicant	10	Vice-Chair WG 1.5 Agricultural and Forestry Pests and their Parasitoids	
Laurence Packer Professor Department of Biology York University Toronto, Canada	Co-applicant	15	Chair WG 1.6 Pollinators	
Fernando Silveira Professor Universidade Federal de Minas Gerais Brazil	Co-applicant	10	Vice-Chair WG 1.6 Pollinators	Signature unavailable at time of submission
Bern Sweeney Director & President Stroud Water Research Center Avondale, USA	Co-applicant	15	Chair WG 1.7 Freshwater Bio- surveillance	
Ian Hogg Senior Lecturer Centre for Biodiversity and Ecology Research University of Waikato Waikato, New Zealand	Co-applicant	10	Vice-Chair WG 1.7 Freshwater Bio- surveillance	

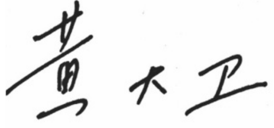




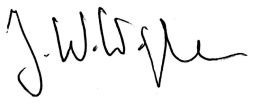




Witt, Jonathan University of Waterloo, Canada	Co-applicant	5	Participant in WG1.7 for iBOL Canada	
Gary Saunders Professor and Canada Research Chair Department of Biology University of New Brunswick Fredrickton, Canada	Co-applicant	15	Chair WG 1.8 Marine Bio- surveillance	
Phillippe Bouchet Professor Muséum National d'Histoire Naturelle Paris, France	Co-applicant	10	Vice-Chair WG 1.8 Marine Bio- surveillance	Signature unavailable at time of submission
Keeling, Patrick Department of Botany, University of British Columbia	Co-applicant	5	Participant in WG1.8 for iBOL Canada	
Daniel Janzen Professor & Technical Advisor Area de Conservacion Guanacaste Costa Rica	Co-applicant	15	Chair WG 1.9 Terrestrial Bio- surveillance	
Brian Fisher Associate Curator and Chair of Entomology California Academy of Sciences San Francisco, USA	Co-applicant	10	Vice-Chair WG 1.9 Terrestrial Bio- surveillance	
Decaens, Thibaud Biologie des populations et écologie, Université de Rouen	Co-applicant	5	Participant in WG1.9 for France	
Landry, Jean-Francois Curator, Lepidoptera, Agriculture & Agri-food Canada, Ottawa, Canada	Co-applicant	5	Participant in WG1.9 for iBOL Canada	
Smith, Alex Biodiversity Institute of Ontario, University of Guelph, Canada	Co-applicant	10	Participant in WG1.9 & 2.1, iBOL Canada	
Thompson, Graham Department of Biology, University of Western Ontario, Canada	Co-applicant	5	Participant in WG1.9 for iBOL Canada	
Torbjorn Ekrem Associate Professor NTNU Museum of Natural History & Archeology Trondheim, Norway	Co-applicant	15	Chair WG 1.10 Polar Life	
Peter Smith Senior Research Scientist National Institute of Water & Atmospheric Research Ltd Hamilton, New Zealand	Co-applicant	10	Vice-Chair WG 1.10 Polar Life	


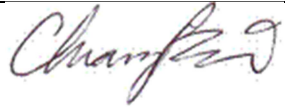
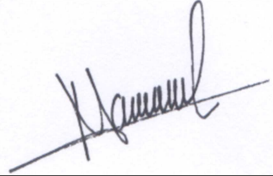

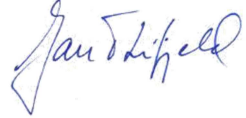


Methods				
Chris Meyer Director, Moorea Biocode National Museum of Natural History Washington, USA	Co-applicant	15	Chair WG 2.1 Barcoding Biotas	
Sarah Adamowicz Research Scientist Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Co-applicant	10	Vice-Chair WG 2.1 Barcoding Biotas	
Freek Bakker Assistant Professor Biosystematics Group Wageningen University Wageningen, The Netherlands	Co-applicant	15	Chair WG 2.2 Museum Life	
Scott Miller Office of the Under Secretary of Science National Museum of Natural History Washington, USA	Co-applicant	10	Vice-Chair WG 2.2 Museum Life	
Nataly Ivanova Lead DNA Scientist Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Co-applicant	40	Chair WG 2.3 Methods Development	
Tom Evans Research Scientist New England Biolabs USA	Co-applicant	10	Vice-Chair WG 2.3 Methods Development	
Hendrik Poinar Assistant Professor McMaster University Hamilton, Canada	Co-applicant	10	Chair WG 2.4 Paleobarcoding	
Christian Brochmann University of Oslo, Norway	Co-applicant	10	Vice-Chair WG 2.4 Paleobarcoding	Signature unavailable at time of submission
Informatics				
Paul Hebert Director Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Project Leader	10	Chair WG 3.1 Informatics: Core Functionality	
Sujeevan Ratnasingham Informatics Lead Biodiversity Institute of Ontario, University of Guelph, Guelph, Canada	Co-applicant	40	Vice-Chair WG 3.1 Informatics: Core Functionality	
Golding, Brian Department of Biology, McMaster University, Canada	Co-applicant	5	Participant in WG3.1 for iBOL Canada	
Junca Ma Assistant Director Institute of Microbiology Chinese Academy of Sciences Beijing, China	Co-applicant	15	Chair WG 3.2 Informatics: Mirrors	



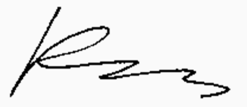




Vincent Robert Informatics Lead Centraalbureau voor Schimmelcultures Utrecht, The Netherlands	Co- applicant	10	Vice-Chair WG 3.2 Informatics: Mirrors	
Applications				
Mehrdad Hajibabaei Research Scientist Biodiversity Institute of Ontario, University of Guelph, Guelph, Canada	Co- applicant	30	Chair WG 4.1 Environmental Barcoding	
Markus Pfenninger Head, Molecular Ecology Laboratory Zoologisches Institut J. W. Goethe-Universitat Frankfurt, Germany	Co- applicant	10	Vice-Chair WG 4.1 Environmental Barcoding	
Mostafa Ronaghi Chief Technology Officer & Senior VP Illumina Inc San Francisco, USA	Co- applicant	5	Chair WG 4.2 Mobile Barcoding	
Ulli Krull Professor, Chemistry University of Toronto Toronto, Canada	Co- applicant	5	Vice-Chair WG 4.2 Mobile Barcoding	
Administration				
Greg Singer iBOL-Canada Project Manager Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Co- applicant	40	Chair WG 5.1 Project Management	
Robert Hanner Assoc. Dir., Canadian Barcode of Life Network Biodiversity Institute of Ontario University of Guelph Guelph, Canada	Co- applicant	20	Vice-Chair WG 5.1 Project Management	
David Schindel Executive Secretary Consortium for the Barcode of Life National Museum of Natural History Washington, USA	Co- applicant	15	Chair WG 5.2 Communications	
Mark Stoeckle Program for the Human Environment Rockefeller University New York City, USA	Co- applicant	10	Vice-Chair WG 5.2 Communications	
GE³LS				
Tania Bubela Associate Professor of Public Health University of Alberta	Co- applicant	10	Chair WG 6.1 Equitable use of Genetic Resources	Signature unavailable at time of submission
Peter Phillips Johnson Shoyama Graduate School of Public Policy University of Saskatchewan	Co- applicant	10	Chair WG 6.2 Regulation of International Trade	Signature unavailable at time of submission
Richard Gold Associate Professor Faculty of Law Department of Human	Co- applicant	10	Chair WG 6.3 Intellectual Property and Knowledge Management	Signature unavailable at time of submission

Genetics/Faculty of Medicine McGill University				
David Secko Assistant Professor Department of Journalism Concordia University	Co-applicant	10	Chair WG 6.4 Education Initiatives for Schools and Media	Signature unavailable at time of submission
David Castle ESRC Innogen Centre University of Edinburgh, UK	Co-applicant	15	Leader of the GE3LS Research Theme, and Chair WG 6.5 Governance of Knowledge Mobilization	
<i>David Castle</i> ¹	Co-applicant	TBD	Chair WG 6.6 Barcoding and Biological Classification (proposed)	
Node Representatives				
Pablo Tubaro Vice Director Museo Argentino de Ciencias Naturales Buenos Aires, Argentina	Co-applicant	20	Argentina representative on SSC	
Juan Diaz de Astarloa Associate Professor Departamento de Ciencias Marinas Universidad Nacional de Mar del Plata Mar del Plata, Argentina	Co-applicant	5	Argentina alternate on SSC	
Andrew Mitchell Integrated Systematist The Australian Museum 6 College Street Sydney NSW, Australia	Co-applicant	5	Australia representative on SSC	Signature unavailable at time of submission
Andrew Lowe Director, Australian Centre for Evolutionary Biology & Biodiversity University of Adelaide, Australia	Co-applicant	5	Australia alternate on SSC	Signature unavailable at time of submission
Eduardo Eizirik Associate Professor Faculdade de Biociências Pontifícia Universidade Católica do RS Porto Alegre, Brazil	Co-applicant	5	Brazil representative on SSC	
Fabricio R. Santos Associate Professor Departamento de Biologia Geral Universidade Federal de Minas Gerais Belo Horizonte, Brazil	Co-applicant	5	Brazil alternate on SSC	
<i>Gary Saunders</i>	Co-applicant	5	Canada representative on SSC	
<i>Laurence Packer</i>	Co-applicant	5	Canada alternate on SSC	
Ya-ping Zhang Director Kunming Institute of Zoology Chinese Academy of Sciences Kunming, China	Co-applicant	5	China representative on SSC	

¹ Full names, addresses, and signatures of individuals in italics appear earlier in the table

Da-Wei Huang Professor Institute of Zoology Chinese Academy of Sciences Beijing, China	Co-applicant	5	China alternate on SSC	
Mauricio Linares Director, Instituto de Genetica Universidad de los Andes Bogota, Colombia	Co-applicant	5	Colombia representative on SSC	
Santiago Madrinan Associate Professor Departamento Ciencias Biologicas Universidad de los Andes Bogota, Colombia	Co-applicant	5	Colombia alternate on SSC	
<i>Daniel Janzen</i>	Co-applicant	5	Costa Rica representative on SSC	
Jesus Ugalde Director, Adjunto Ciencias de la Biodiversidad Insituto Nacional de Biodiversidad (INBio) San Jose, Costa Rica	Co-applicant	5	Costa Rica alternate on SSC	
<i>Jean-Yves Rasplus</i>	Co-applicant	5	France representative on SSC	
Line Le Gall Assistant Professor Muséum National d'Histoire Naturelle Paris, France	Co-applicant	5	France alternate on SSC	
Wolfgang Waegele Professor Zoologisches Forschungsmuseum Alexander Koenig Bonn, Germany	Co-applicant	5	Germany representative on SSC	
Axel Hausmann Curator, Lepidoptera Zoological State Collection Munich, Germany	Co-applicant	5	Germany alternate on SSC	
Wazir Lakra Director / Vice Chancellor Central Institute of Fisheries Education Mumbai, India	Co-applicant	5	India representative on SSC	
Gulab Khedkar Dr. Babasaheb Ambedkar Marathwada University India	Co-applicant	5	India alternate on SSC	
<i>Daniel Masiga</i>	Co-applicant	5	Kenya representative on SSC	
Helida Oyieke Director Centre for Biodiversity, National Museums Nairobi, Kenya	Co-applicant	5	Kenya alternate on SSC	

Won Kim Professor School of Biological Sciences Seoul National University Seoul, Korea	Co-applicant	5	Korea representative on SSC	
Chang-Bae Kim Professor Department of Biological Sciences Sangmyung University Seoul, Korea	Co-applicant	5	Korea alternate on SSC	
<i>Brian Fisher</i>	Co-applicant	5	Madagascar representative on SSC (5hrs/week)	
Rajemison Balsama Director Madagascar Biodiversity Center Antananarivo, Madagascar	Co-applicant	5	Madagascar alternate on SSC	Signature unavailable at time of submission
Manuel Elias-Gutierrez Senior Research Scientist El Colegio de la Frontera Sur Chetumal, Mexico	Co-applicant	5	Mexico representative on SSC	
Patricia Escalante Director Departamento de Zoologia Instituto de Biologia, UNAM Mexico City, Mexico	Co-applicant	5	Mexico alternate on SSC	
<i>Pedro Crous</i>	Co-applicant	5	Netherlands representative on SSC	
<i>Freek Bakker</i>	Co-applicant	5	Netherlands alternate on SSC	
<i>Ian Hogg</i>	Co-applicant	5	New Zealand representative on SSC	
<i>Peter Smith</i>	Co-applicant	5	New Zealand alternate on SSC	
Jan Lijfeld Professor National Centre for Biosystematics Natural History Museum University of Oslo Oslo, Norway	Co-applicant	5	Norway representative on SSC	
<i>Torbjorn Ekrem</i>	Co-applicant	5	Norway alternate on SSC	
<i>Eldredge Bermingham</i>	Co-applicant	5	Panama representative on SSC	
Oris Sanjur Senior Lab Manager Molecular Biology and Evolution Laboratories Smithsonian Tropical Research Institute Balboa, Panama	Co-applicant	5	Panama alternate on SSC	
<i>Scott Miller</i>	Co-applicant	5	Papua New Guinea representative on SSC	
Vojtech Novotny Senior Scientist New Guinea Binatang Centre Madang, Papua New Guinea	Co-applicant	5	Papua New Guinea alternate on SSC	

Thomas Valqui Centro de Ornitología Biodiversidad, Peru	Co-applicant	5	Peru representative on SSC	Signature unavailable at time of submission
Gisella Orjeda Universidad Peruana Cayetano Heredia, Peru	Co-applicant	5	Peru alternate on SSC	Signature unavailable at time of submission
Filipe Costa Assistant Professor Departamento de Biologia Universidade do Minho Minho, Portugal	Co-applicant	5	Portugal representative on SSC	Signature unavailable at time of submission
Cristiane Bastos-Silveira Senior Research Scientist Museu Nacional de Historia Natural Lisboa, Portugal	Co-applicant	5	Portugal alternate on SSC	
Natalia Abramson Head, Laboratory of Molecular Systematics Zoological Institute, Russian Academy of Sciences St. Petersburg, Russia	Co-applicant	5	Russia representative on SSC	
Mikhail Kalyakin Deputy Director for Research Zoological Museum of Moscow University Moscow, Russia	Co-applicant	5	Russia alternate on SSC	
Dr. Yousef S. Al-Hafedh Professor, Genetics Natural Resources & Environment Research Institute, King Abdulaziz City for Science & Technology, Riyadh Kingdom of Saudi Arabia	Co-applicant	5	Saudi Arabia representative on SSC	Signature unavailable at time of submission
Paul Skelton Managing Director South African Institute for Aquatic Biodiversity Grahamstown, South Africa	Co-applicant	5	South Africa representative on SSC	
Paul Bartels Manager Wildlife Biological Research Center Pretoria, South Africa	Co-applicant	5	South Africa alternate on SSC	
Miquel Arnedo Associate Professor Departament Biologia Animal Universitat de Barcelona Barcelona, Spain	Co-applicant	5	Spain representative on SSC	
Salvador Carranza Research Scientist Consejo Superior de Investigaciones Cientificas Barcelona, Spain	Co-applicant	5	Spain alternate on SSC	
<i>Peter Hollingsworth</i>	Co-applicant	5	United Kingdom representative on SSC	

Alfried Vogler Professor, Molecular Systematics Imperial College & Natural History Museum London, UK	Co- applicant	5	United Kingdom alternate on SSC	<i>A. Vogler</i>
<i>George Amato</i>	Co- applicant	5	United States representative on SSC	
Keith Crandall Chair & Professor Department of Biology Brigham Young University Provo, USA	Co- applicant	5	United States alternate on SSC	<i>K Crandall</i>