Public Symposium

DNA Barcoding of Marine Biodiversity (MarBOL)

Woods Hole Oceanographic Institution, Redfield Auditorium, Woods Hole, USA
Thursday, April 30, 2009

Program

9:00 am  Welcome – Laurence P. Madin (Woods Hole Oceanographic Institution)
9:15 am  Keith Crandall (Brigham Young University, USA)
          DNA barcoding: triumphs and tribulations
9:45 am  Rob DeSalle (American Museum of Natural History, USA)
          What a DNA barcode is, is unclear
10:15 am Allen Collins (Smithsonian Institution, USA)
          Barcoding and phylogenetics of early diverging metazoans
10:45 am Coffee Break
11:15 am Christoffer Schander (University of Bergen, Norway)
          From barcodes to ecosystems functioning – a peek into the near future
11:45 am WHOI Biology Seminar preparation
12:00 pm Nancy Knowlton (Smithsonian Inst., USA) – Keynote & Biology Seminar
          Coral reefs: canaries in the environmental coal mine
1:00 pm Lunch
2:30 pm  Chris Meyer (Smithsonian Institution, USA)
          Barcoding all marine species in a tropical ecosystem
2:50 pm  Ryuji Machida (Ocean Research Institute, University of Tokyo, Japan)
          Zooplankton metagenomics and its comparison with Chaetognatha barcode data
3:10 pm  Simon Creer (University of Wales, Bangor, UK)
          Assessing benthic meiofaunal diversity with 454 ultrasequencing
3:30 pm  Coffee Break and Poster Viewing
4:00 pm  Jon Geller (San Francisco State University, USA)
          Marine biomics: exploring diversity in marine microhabitats with whole-community DNA and sequence databases
4:20 pm  Ann Bucklin (University of Connecticut, USA)
          DNA barcodes for North Atlantic zooplankton: Current status and applications for ecosystem monitoring
4:40 pm  Dirk Steinke (University of Guelph, Canada)
          Overview of the MarBOL Project
5:00 pm  Wrap-up: Nancy Knowlton and Jon Geller
5:30 pm  Adjourn