



Advanced Courses in Life Sciences



STATISTICS AND BIOINFORMATICS

- Introducción al Análisis Estadístico en Biociencias. 5ª Ed.
- Introduction to Ecological Data Analysis. 3rd Ed.
- Introduction to R. 2nd Ed.
- R without Fear: Applied R for Biologists. 3rd Ed.
- A Gentle Introduction to R for the Biological Sciences. 1st Ed.



ECOLOGY

- Introduction to Agent Based-Models Using NetLogo. 4th Ed.
- Experimental Entomology: Measurement and Analysis of Physiological and Behavioural Variables. 1st Ed.
- Integral Projection Models: Demography in a Continuous World. 2nd Ed.
- Introduction to Ecological Niche Modelling. 1st Ed.
- Comparative Approaches in Ecology, Evolution and Conservation Science. 1st Ed.



GEOMETRIC MORPHOMETRICS

- Introduction to Geometric Morphometrics. 9th Ed.
- 3D Geometric Morphometrics. 7th Ed.
- Morfometría Geométrica para Principiantes. 3ª Ed.
- Geometric Morphometrics and Phylogeny. 8th Ed.
- Integration and Modularity with Geometric Morphometrics. 5th Ed.
- Geometric Morphometrics with Plants. 2nd Ed.
- Studying Evolution with Geometric Morphometrics. 3rd Ed.
- Geometric Morphometrics in R. 4th Ed.



EVOLUTION

- Quantitative Cladistics and Use of TNT. 3rd Ed.
- Phylogenetic Analysis Using R. 5th Ed.
- Introduction to Macroevolutionary Analyses Using Phylogenies. 5th Ed.
- Using Phytools (and other R packages) to Study Macroevolution on Phylogenies. 2nd Ed.
- Mapping Trait Evolution. 1st Ed.
- Introduction to Phylogenetic Inference and its Applications. 1st Ed.



BIOGEOGRAPHY

- Historical Biogeography: Fundamentals and Applications. 2nd Ed.
- Model-Based Statistical Inference in Ecological and Evolutionary Biogeography. 2nd Ed.



IMAGING

- Técnicas de Análisis de Imagen: Tratamiento y Cuantificación de la Imagen Digital. 7ª Ed.
- Introducción a las Técnicas de Microscopía: Óptica y Electrónica. 5th Ed.
- Introduction to Electron Microscopy for Life Sciences. 2nd Ed.
- Introduction to 3D Imaging Technologies: Photogrammetry, Laser, CT-scan and (μ)CT-scan for Life Sciences. 2nd Ed.
- Técnicas Avanzadas de Microscopía de Fluorescencia y Confocal. 1ª Ed.



SYSTEMS BIOLOGY

- Introduction to Network Analysis in Life Sciences. 4th Ed.



PALAEONTOLOGY AND ARCHAEOLOGY

- Palaeontology and the Sixth Extinction. 1st Ed.
- Applied GIS: 3D Reconstruction of Archaeological Interventions. 1st Ed.



DRAWING AND COMMUNICATION

- Introduction to Naturalistic and Scientific Illustration. 4th Ed.
- Interactive Data Analysis and Visualization with R Shiny. 1st Ed.
- Introduction to Bibliographic Search and Management for Life Scientists. 1st Ed.
- The Art of Science: Scientific Illustration. 1st Ed.



GENETICS AND GENOMICS

- From Phenotype to Genotype: The Genetic Bases of Shape. 4th Ed.
- Introduction to Evolutionary Quantitative Genetics. 1st Ed.



FUNCTIONAL MORPHOLOGY

- Introduction to Functional Morphology and Biomechanics. 5th Ed.
- Finite Element Analysis Applied to Life Sciences. 5th Ed.
- Principles of Vertebrate Functional Morphology. 1st Ed.



MUSEUMS AND COLLECTIONS

- Care and Management of Natural History Collections. 2nd Ed.
- Fluid Preservation. 1st Ed.

Contact Info: courses@transmittingscience.org

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