

GYPWORLD Training Course

Analysis of Phylogenies

When: 8th June 2018

Where: Faculty of Sciences, University of Ankara, Turkey

By: Michael J. Moore (Oberlin College, USA), Donovan Bailey (NMSU, USA), Hilda Flores (UNAM, México) and Helga Ochoterena (UNAM, México), María Prieto (URJC)

Aims: The analysis of phylogenies is a crucial step in the understanding of evolution. This course will introduce the basic tools to construct, analyse and compare phylogenies, with special emphasis on the detection of phylogenetic syndromes.

Contents (8 h total):

✓ Introduction

✓ Part 1: Phylogenetic study design

✓ Part 2: Acquiring and storing material

✓ Part 3: Collecting DNA sequence data

✓ Part 4: Reconstructing phylogenies

✓ Final considerations and conclusions

This course is offered **free of charge** as part of the training events developed by **H2020-MSCA-RISE-GYPWORLD Project, founded by the EU.**

The <u>AEET</u> offers two travel grants for member students

Abronia macrocarpa SLO 6492 Abronia fragrans GK 3021 Abronia fragrans BLT 20 22 Abronia nealleyi MJM 644 Abronia nealleyi MJM 1751 Abronia nealleyi MJM 2345 Abronia nealleyi MJM 907 Abronia ameliae WRC 25557 Abronia ameliae DJR 3262 Abronia nealleyi MJM 1076 Abronia nealleyi MJM 2287 Abronia nealleyi MJM 1115 Abronia angustifolia MJM 896 Abronia angustifolia RAR 98 29 Abronia angustifolia MJM 2063 Abronia angustifolia WRC 31203 Abronia elliptica ND 2039 Abronia elliptica MJM 3094 Abronia elliptica MJM 3051 Abronia glabrifolia MJM 3318 Abronia glabrifolia RWS 13829 Abronia elliptica RWS 13642 Abronia bigelovii MJM 704 Abronia bigelovii MJM 2189 C Abronia nana var nana RCS 3108 Abronia elliptica MJM 3302 Abronia nana var nana MDW 96 082 Abronia latifolia RRH 8652 Abronia latifolia MJM 3204 Abronia umbellata MJM 3203 rocky limestone Abronia maritima MJM 3217 sand clay Tripterocalyx wootonii MJM 3034 gypsum Tripterocalyx carneus MJM 3027 Tripterocalyx carneus ND 2060 Tripterocalyx micranthus BM 751 equivocal Tripterocalyx crux maltae MJM 3267 Tripterocalyx crux maltae AT 12213

Abronia fragrans MJM 2992 Abronia fragrans RWS 12421

Further information and registration: please contact the GYPWORLD Project Manager: Emma Lythgoe (emma.lythgoe@csic.es).













