**Selected topics in woody plant biology**

**Wybrane zagadnienia z biologii roślin drzewiastych**

**Seminar / Seminaria**

**Fall semester 2022 / Semestr zimowy 2022**

*Meeting 1, 7 November 2022, 11:00 / Spotkanie 1, 7 listopada 2022, godz. 11:00*

**dr Łukasz Walas**: Genetic Applications in Biogeography / Zastosowania genetyki w biogeografii

DeSalle R, Amato G (2004) The expansion of conservation genetics Nat Rev Genet 5:702-712 doi:10.1038/nrg1425

Fady B, Esposito E, Abulaila K, Aleksic JM, Alia R, Alizoti P, Apostol EN, Aravanopoulos P, Ballian D, Kharrat MBD, Carrasquinho I, Albassatneh MC, Curtu AL, David-Schwartz R, de Dato G, Douaihy B, Eliades NGH, Fresta L, Gaouar SBS, Illoul MH, Ivetic V, Ivankovic M, Kandemir G, Khaldi A, Khouja ML, Kraigher H, Lefèvre F, Mahfoud I, Marchi M, Martín FP, Picard N, Sabatti M, Sbay H, Scotti-Saintagne C, Stevens DT, Vendramin GG, Vinceti B, Westergren M (2022) Forest Genetics Research in the Mediterranean Basin: Bibliometric Analysis, Knowledge Gaps, and Perspectives Current Forestry Reports doi:10.1007/s40725-022-00169-8

Kling MM, Ackerly DD (2021) Global wind patterns shape genetic differentiation, asymmetric gene flow, and genetic diversity in trees Proc Natl Acad Sci U S A 118 doi:10.1073/pnas.2017317118

Noguerales V, Cordero PJ, Ortego J (2016) Hierarchical genetic structure shaped by topography in a narrow-endemic montane grasshopper BMC Evolutionary Biology 16:1-15 doi:10.1186/s12862-016-0663-7

Poli P, Guiller A, Lenoir J (2022) Coupling fossil records and traditional discrimination metrics to test how genetic information improves species distribution models of the European beech Fagus sylvatica Eur J For Res 141:253-265 doi:10.1007/s10342-021-01437-1

*Meeting 2, 28 November 2022, 11:00 / Spotkanie 1, 28 listopada 2022, godz. 11:00*

**dr hab. Marcin Pietras, prof. ID PAN:** The biogeography of plant– fungus interactions / Interakcje roślina - grzyb w ujęciu biogeograficznym

tba

*Meeting 3, December 2022, day: tba / Spotkanie 3, Grudzień 2022, dzień: do ustalenia*

**dr hab. Marcin Dyderski, prof. ID PAN:** Mechanisms of invasive trees and shrubs spread / Mechanizmy rozprzestrzeniania się inwazyjnych gatunków drzew i krzewów

tba