

Establishment of a seed orchard of Acacia mearnsii in Pietermartizburg, South Africa in 2019 using the ONA scheme.

Photo by courtesy of Julian Chan, ICFR company.



Czech
University
of Life Sciences
Prague



ONA and MI seed orchard layouts New R packages

ONLINE SEMINAR
April 21, 2021
9:00 – 10:30 EST
Milan Lstibůrek

Zoom Meeting ID: **852 2274 1069**
Passcode: **747059**

Email: lstiburek@fld.cznu.cz

Zoom chat window

- your name, institution & department, email (optional - mailing list)
- certificate of attendance.

Mailing list

- quantitative genetics, breeding strategies, seed orchard layouts,
- seminars, future releases of R packages (upgrades, new functions),
new topical research papers.

Download all material here...

Presentation, research papers, R packages

<https://home.czu.cz/lstiburek/software>

R packages

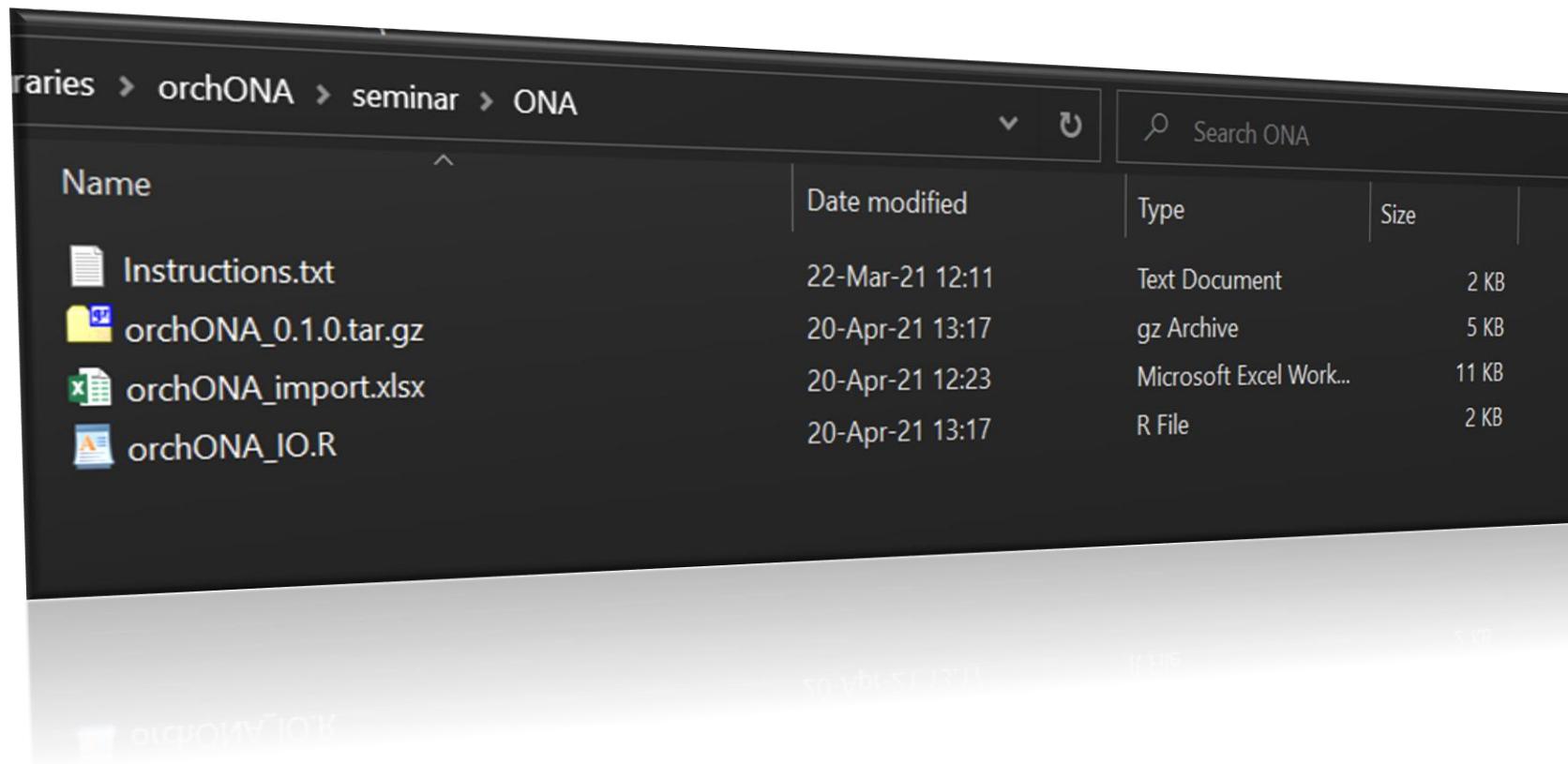
More experienced R users:

- manipulation of input/output within the R
- may add extra functionality

Less experienced R users:

- simple I/O interface in R.
- all data handling (I/O) in Excel

R packages



A screenshot of a file explorer window showing the contents of a directory. The path in the address bar is 'libraries > orchONA > seminar > ONA'. The window has a dark theme with white text. It displays a list of files and folders:

Name	Date modified	Type	Size
Instructions.txt	22-Mar-21 12:11	Text Document	2 KB
orchONA_0.1.0.tar.gz	20-Apr-21 13:17	gz Archive	5 KB
orchONA_import.xlsx	20-Apr-21 12:23	Microsoft Excel Work...	11 KB
orchONA_IO.R	20-Apr-21 13:17	R File	2 KB

Seminar

- I will demonstrate the packages using shared screen
- After the seminar, you can download all files, install packages and run examples
- Contact me with questions / suggestions

Seminar

- Brief review of the ONA and MI schemes
- ONA package with examples
- MI package with examples
- Questions/discussion

90 mins