

Swiss Canopy Crane II



The Site

Operating since spring 2018

1.6 ha
14 tree species
458 trees > 10 cm DBH
312 trees under the crane
LWF 'super site', TreeNet



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Bundesamt für Umwelt BAFU



University
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SWISS
FOREST
LAB



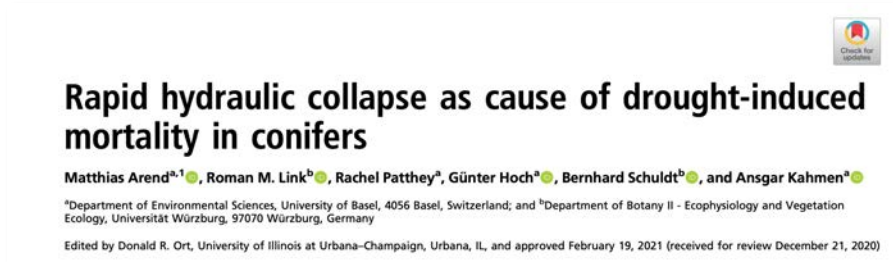
FONDS NATIONAL SUISSE
SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
SWISS NATIONAL SCIENCE FOUNDATION



Amt für Wald beider Basel

Ongoing activities

1) Impact of 2018 drought



2) SNF project “EXPLOTREE” (started 2019)

3) SFL project “SCCII -REACT” (started 2021)

4) Collaborations (IAP, WSL, MPI-BGC, Uni Würzburg, ...)

5) Proposals in review

New group members at SCC II



David Basler

Postdoc since April 2021

SFL project „SCC II – REACT“



Richard Peters

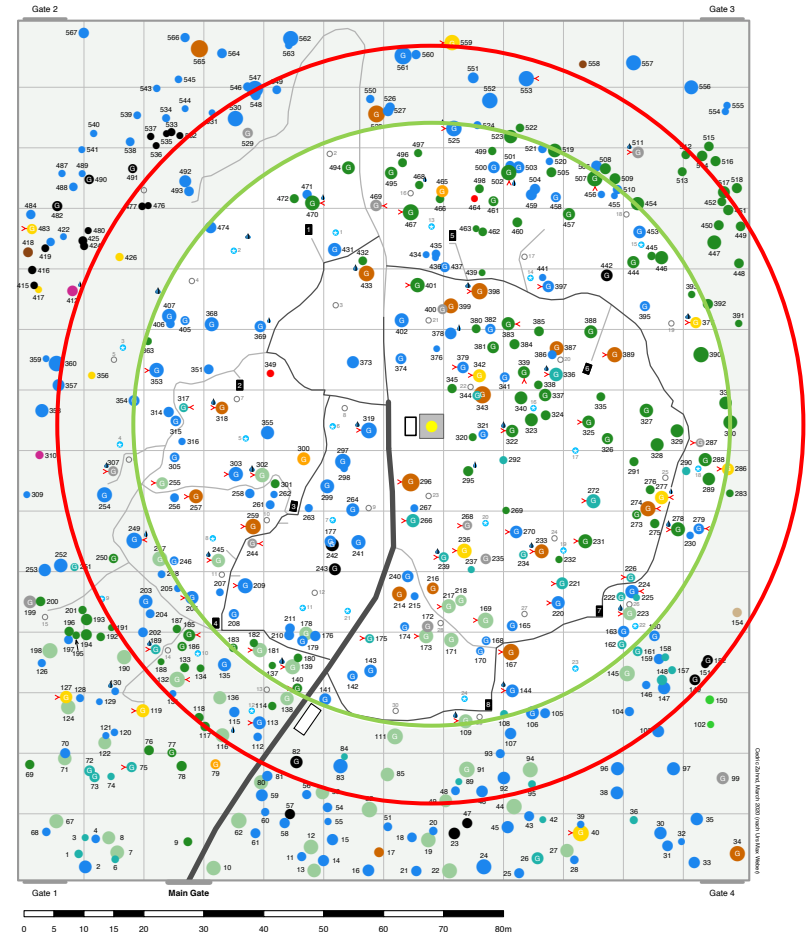
Scientific collaborator since October 2021

Scientific site manager at SCC II

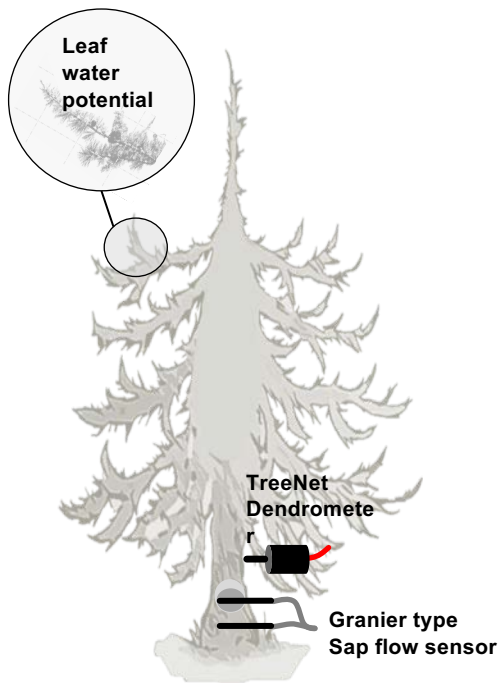
Upcoming new infrastructure at SCC II

Jib extension (50 -> 62.5 m)

Nov. 2021



Upcoming new infrastructure at SCC II



Species	Ambient	Drought	Ambient +
<i>Fagus sylvatica</i>	6	6	4
<i>Picea abies</i>	6	6	2
<i>Pinus sylvestris</i>	6	6	-
<i>Quercus spp.</i>	5	5	-
<i>Carpinus betulus</i>	4	4	1
<i>Abies alba</i>	3	4	2
<i>Acer pseudoplatanus</i>	3	4	2
<i>Fraxinus excelsior</i>	4	0	-
<i>Sorbus torminalis</i>	3	0	-
Total	40	35	11

86

(73 with SF)

