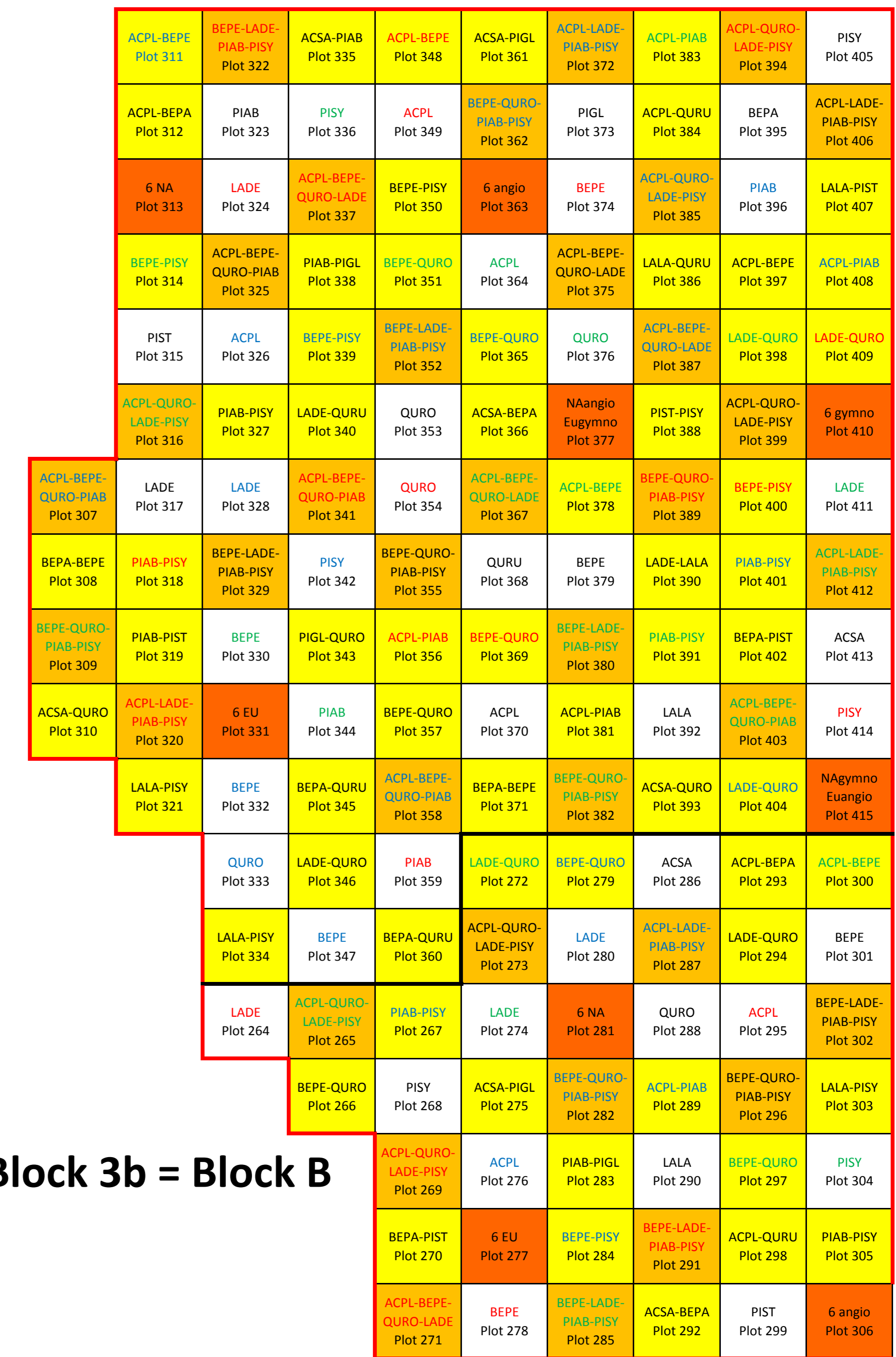
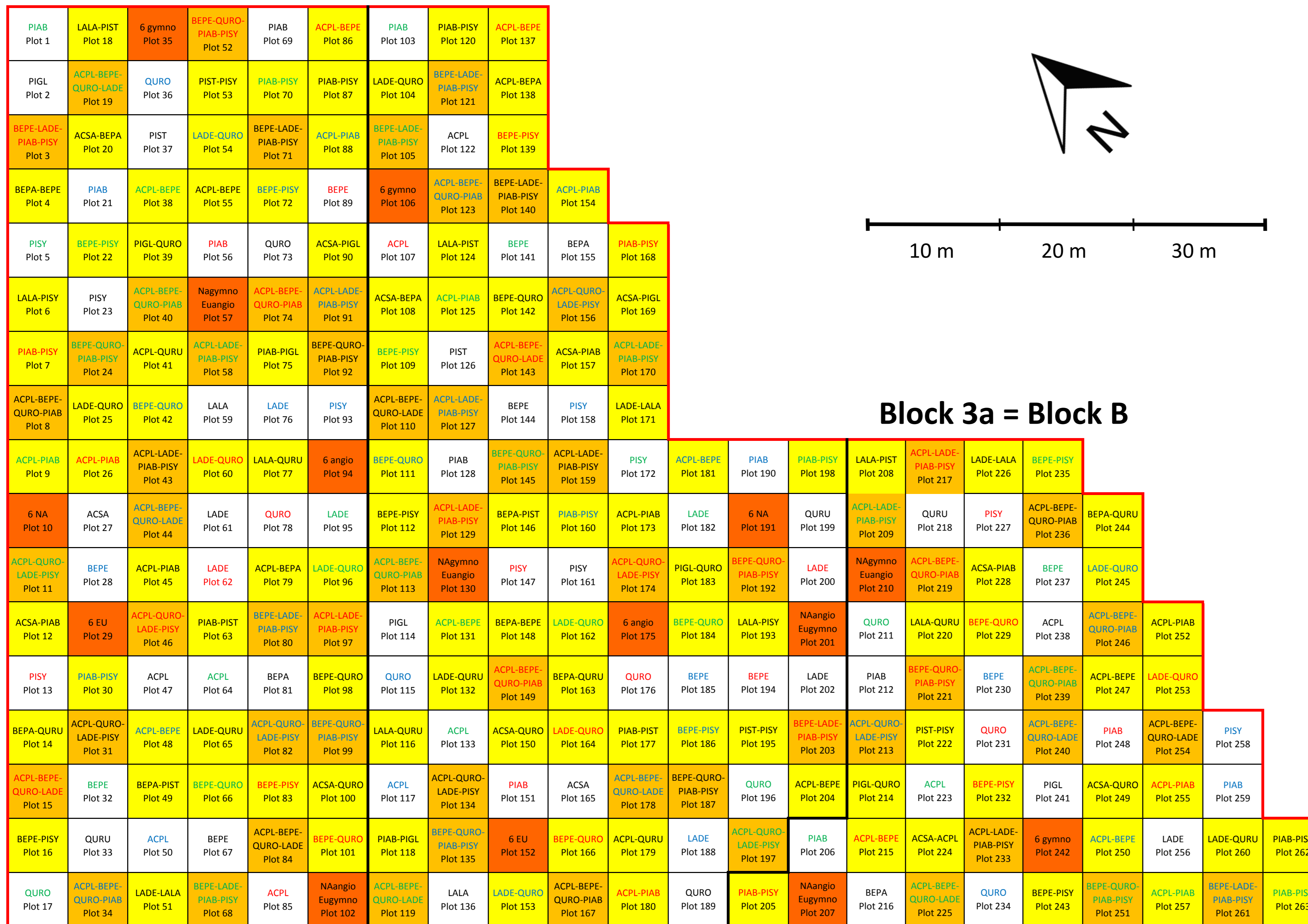


Block 1 = Block D

Block 2 = Block C

Block 4 = Block A



Fertilization

Black lettering = non fertilized plots
 Blue lettering = N fertilized plots
 Green lettering = P fertilized plots
 Red lettering = N+P fertilized plots

Species richness

Monoculture
 2-species mixture
 4-species mixture
 6-species mixture

Tree species

European (EU) angiosperm :
 European (EU) gymnosperm:
 North American (NA) angiosperm:
 North American (NA) gymnosperm:

ACPL = *Acer platanoides*
 LADE = *Larix decidua*
 ACSA = *Acer saccharum*
 LALA = *Larix laricina*

BEPE = *Betula pendula*
 PIAB = *Picea abies*
 BEPA = *Betula papyrifera*
 PIGL = *Picea glauca*

QURO = *Quercus robur*
 PISY = *Pinus sylvestris*
 QURU = *Quercus rubra*
 PIST = *Pinus strobus*

Figure S1 Schematic map illustrating the design of Freiburg IDENT. The experiment is located at 48°01'10"N / 7°49'37"E. Please see the legend for further explanations.