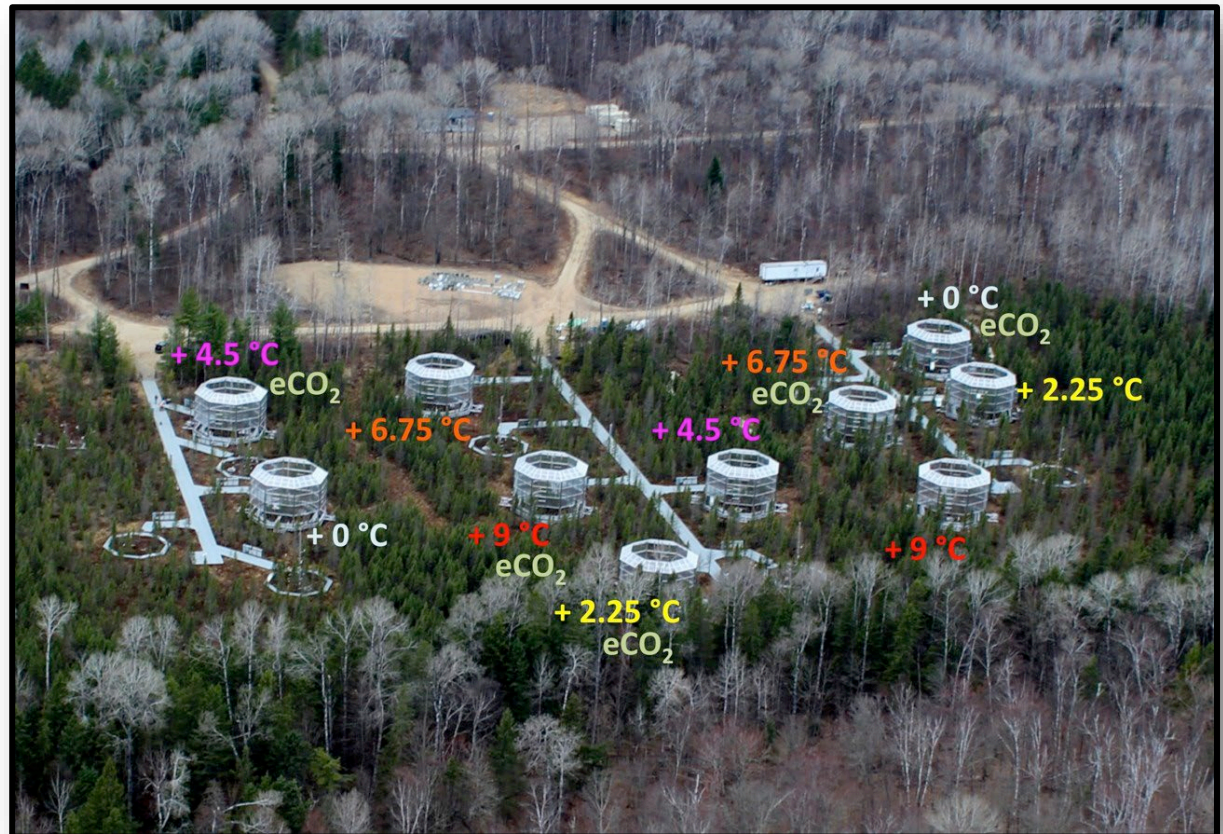


Tree and Equipment Positions For SPRUCE Plots and Enclosures

Paul J. Hanson
updated
August 2024

Kathleen Coffman
updated July 2025



Update log

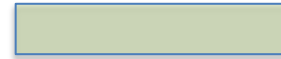
- July 2025: Kathleen Coffman - fine root destructive sampling locations and current location hyphal ingrowth cores for Wurzburger
- May 2025: Paul Hanson - peat coring of August 2024

Legend for the Plot Maps (shown over a 1 x 1 m square grid)

1. Tree locations are approximate (circle diameter is dbh – scale shown)

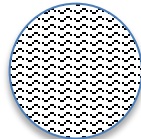


2. Temporary bridge locations =



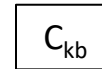
3. Heater casings = $\oplus$

4. CO₂/CH₄ Flux collar =



5. Minirhizotron installations = Mr or AMr

6. Coring locations August 2012 - August 2024 = $\overset{CC}{C}$ CC C



7. Tower location =



8. Guy wire =



9. Water Table Depth Well =



10. 0.5 m Temp/RH =

0.5

11. Water sampling Array



12. Elevation Standard



Legend for the Plot Maps (continued page 2)

13. Community Plots (corner stakes marked)

#?

14. Resin Arrays

rrrrr

15. Ingrowth Cores

IGrC

16. Small-diameter water sampling Array



17. Finzi Hummock and Hollow collars



18. Belowground Temperature Probes



19. NPP Clipped Plots



20. Junction Box



21. Sap/Dendro Box



22. Decomposition Sample Areas



23. Under boardwalk coring (Keller/Bridgham)



24. Target Area for shrub-level phenocam



25. Eosense-LT Chamber



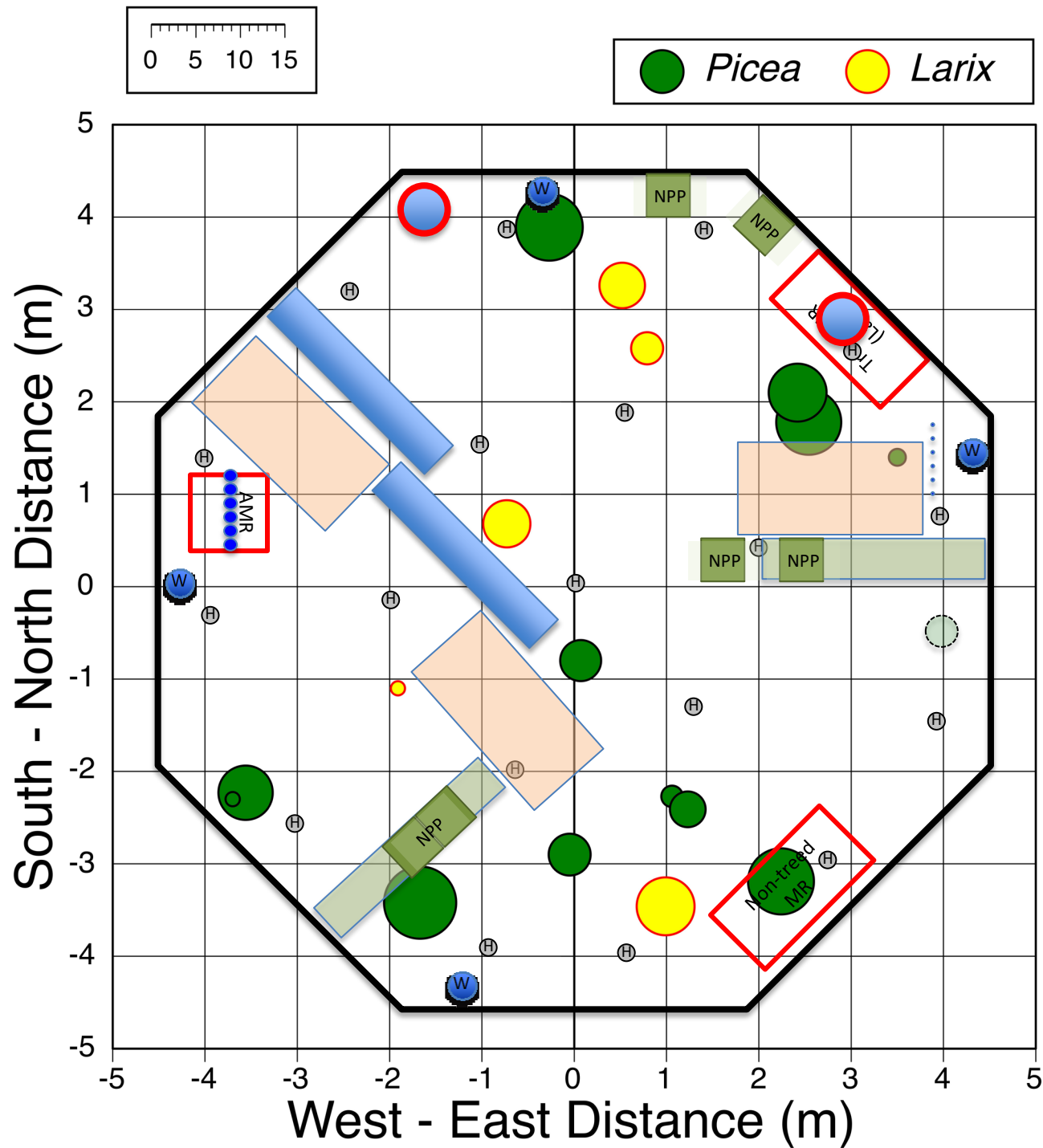
Legend for the Plot Maps (continued page 3)

- 25. Li-8100 
- 26. NDVI Sensor 
- 27. Mineralization 
- 28. Fine root sampling 2025 for mycorrhizal colonization and sequencing—*V. angustifolium*, *C. calyculata*, *R. groenlandicum*, *L. laricina*, *P. mariana* (Coffman and Salmon) *
- 29. Hyphal ingrowth bags installed July 2025—sterilized sandbags at 4 locations, 2 depths each (Nina Wurzburger and Isabella Pellicano—UGA) @

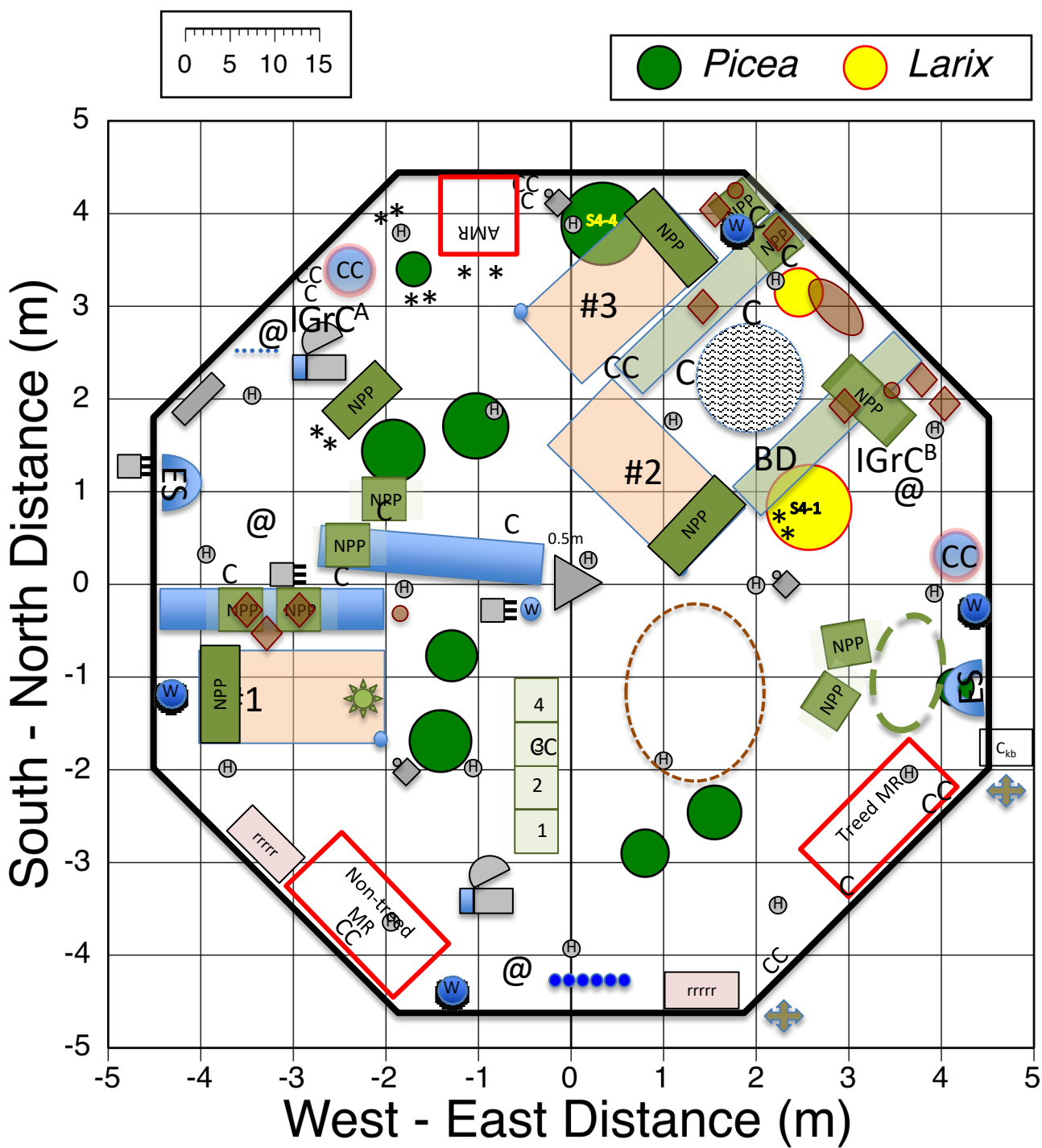
Symbol sizes on the maps are scaled to the 1 x 1 m grid. Tree circle diameters are not to scale.

Clipped NPP plots under the entry temporary boardwalks are not represented.

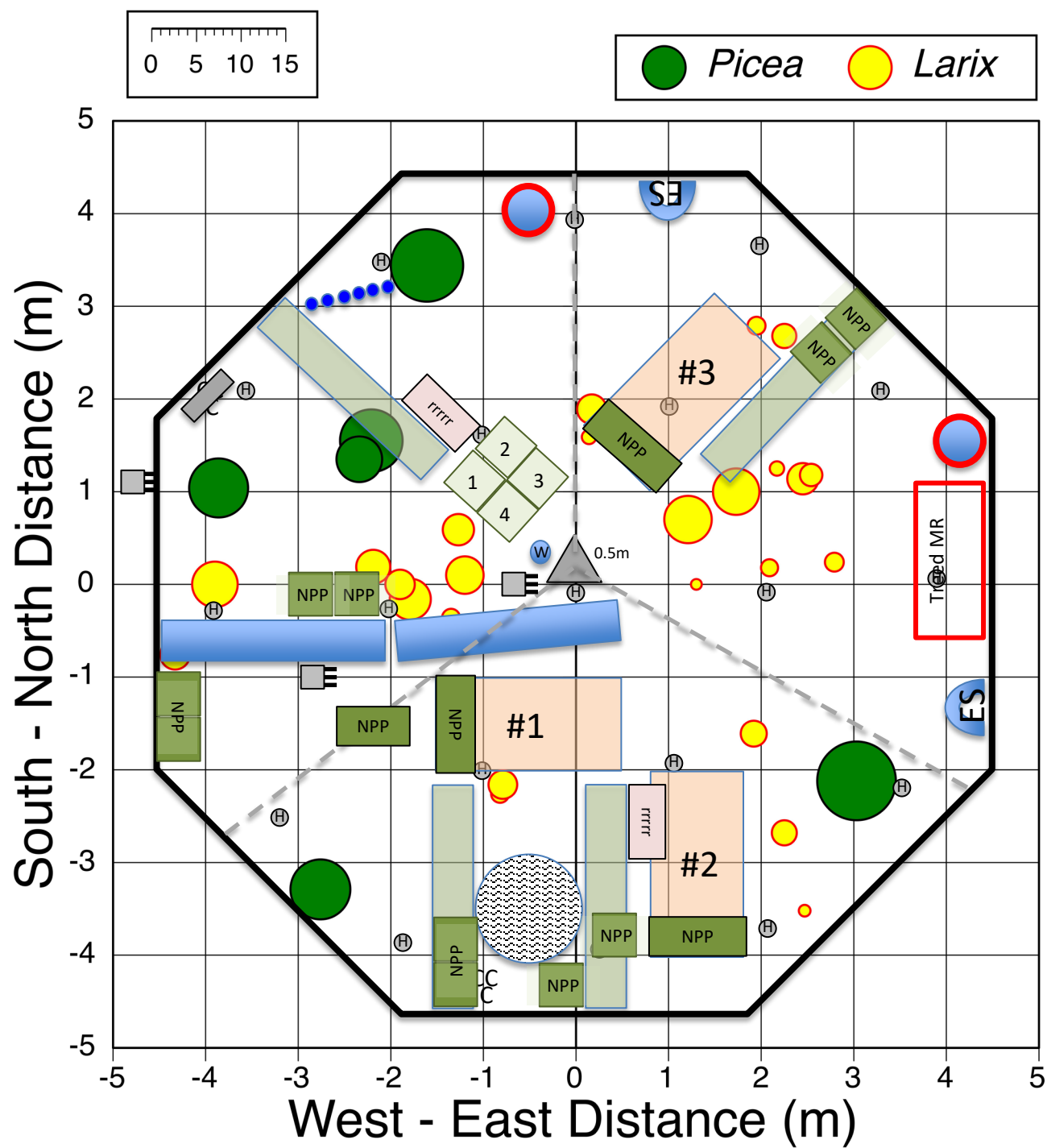
Plot #2
Ambient



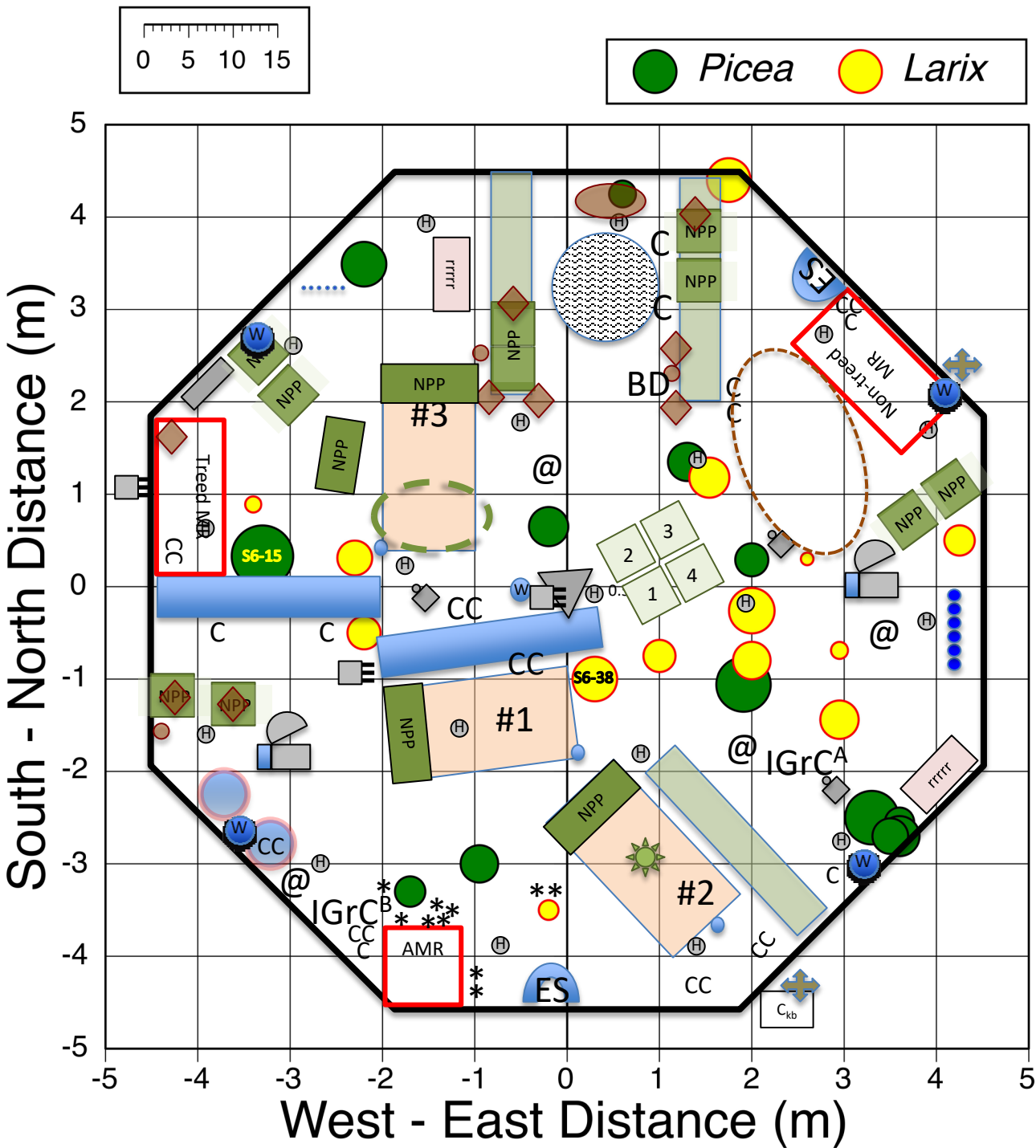
Plot #4
+4.5 °C



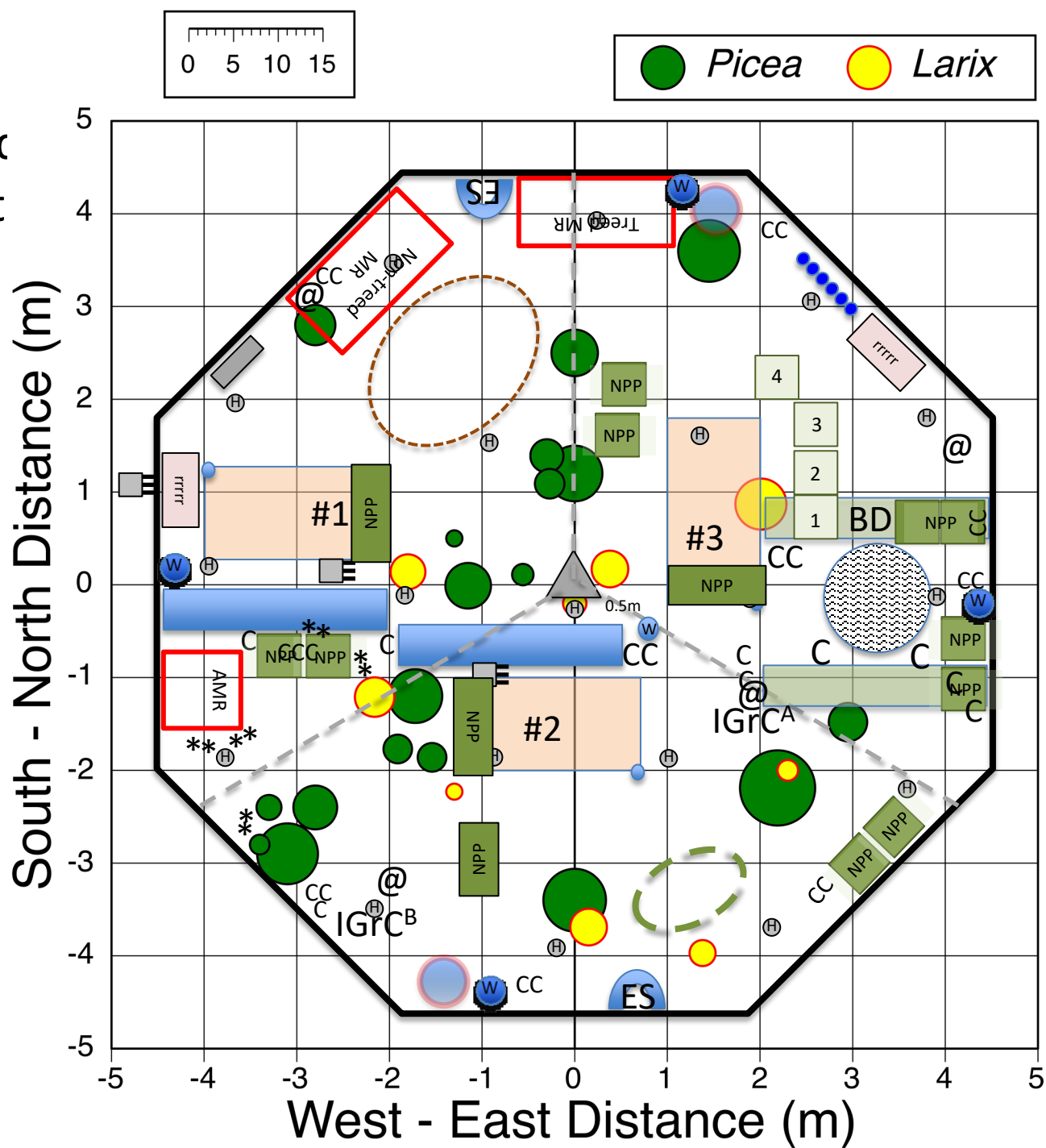
Plot #5 Ambient



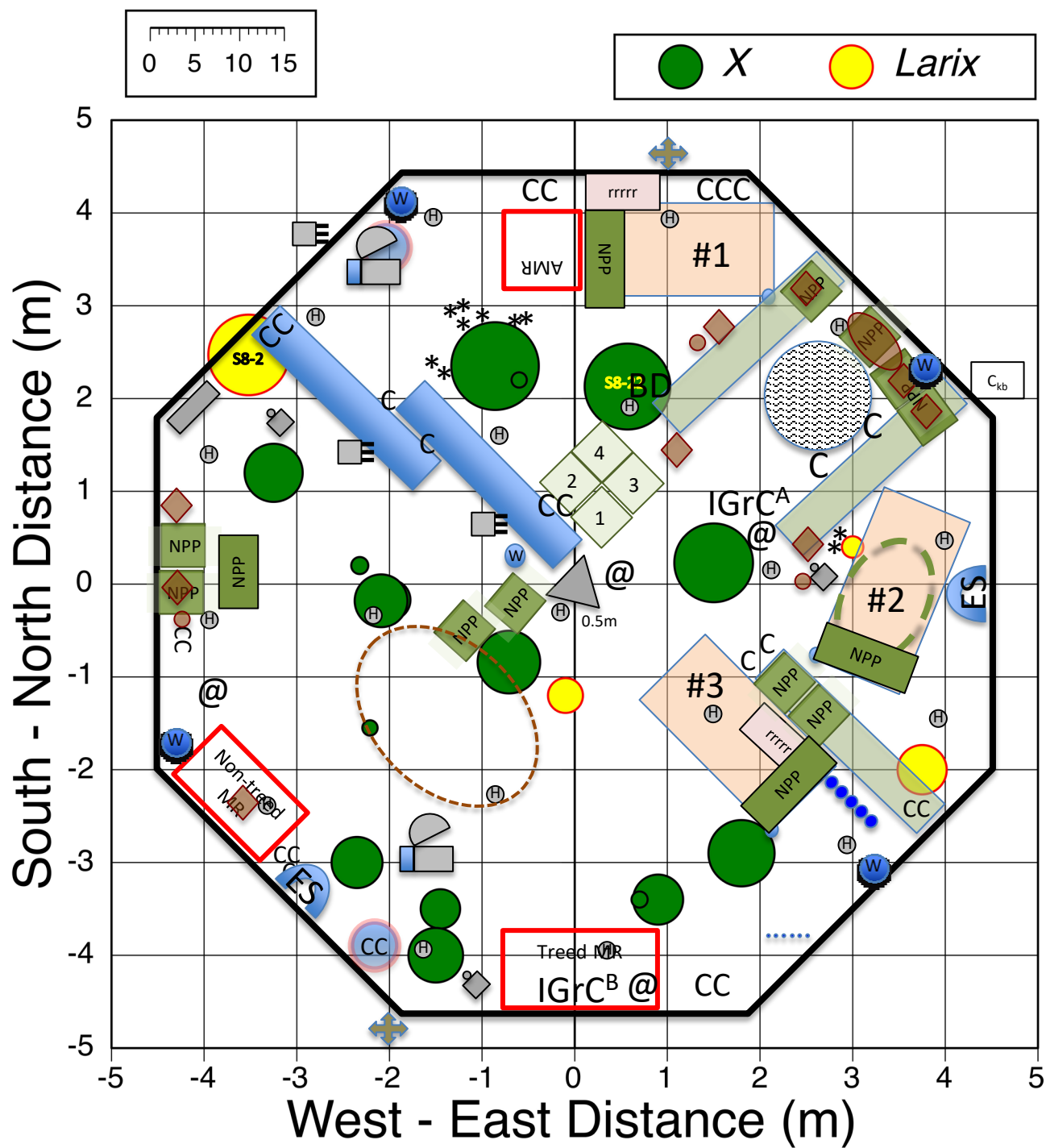
Plot #6
Control
+0 °C



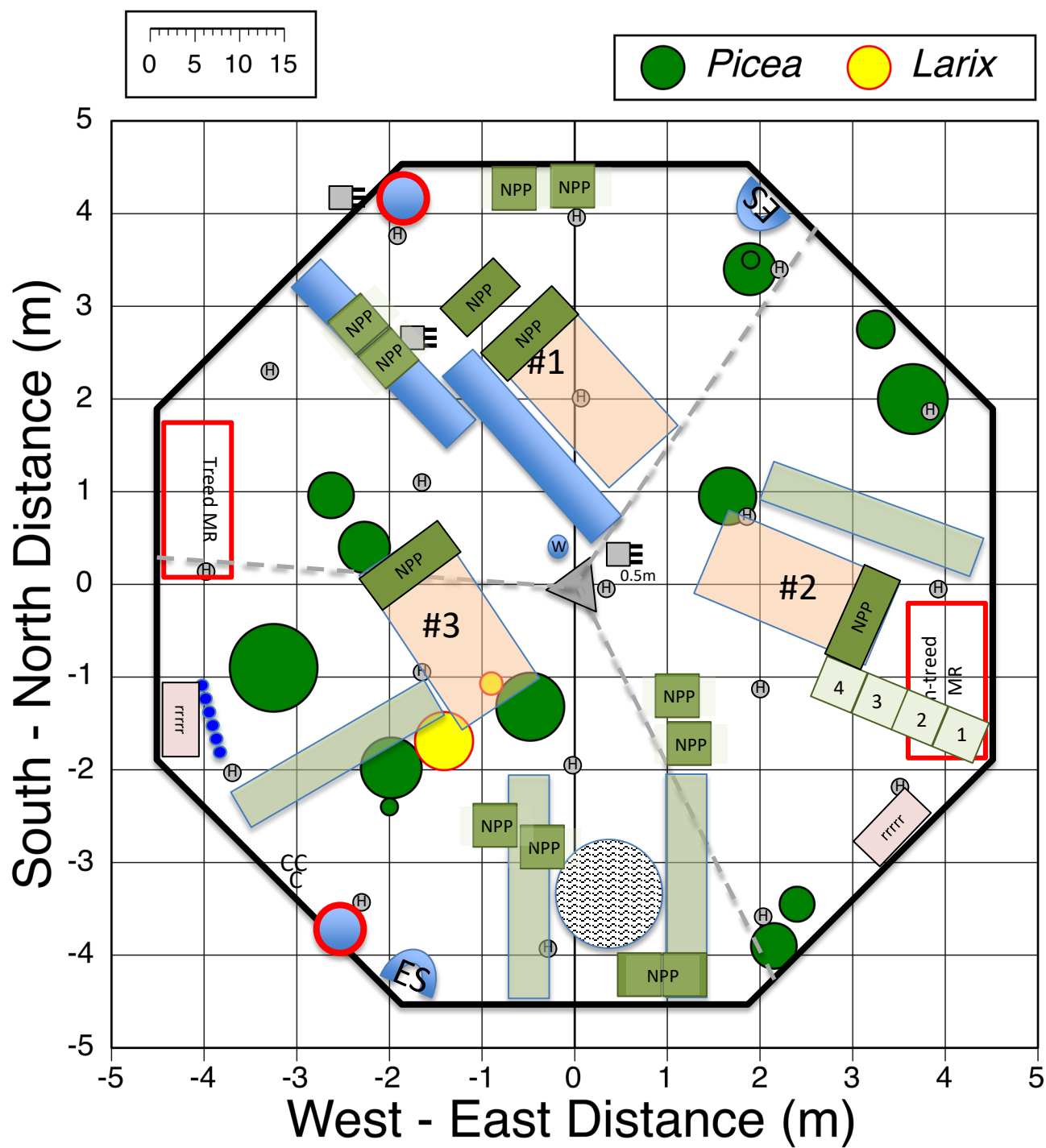
Plot #7
Measured
Ambient



Plot #8
+6.75 °C



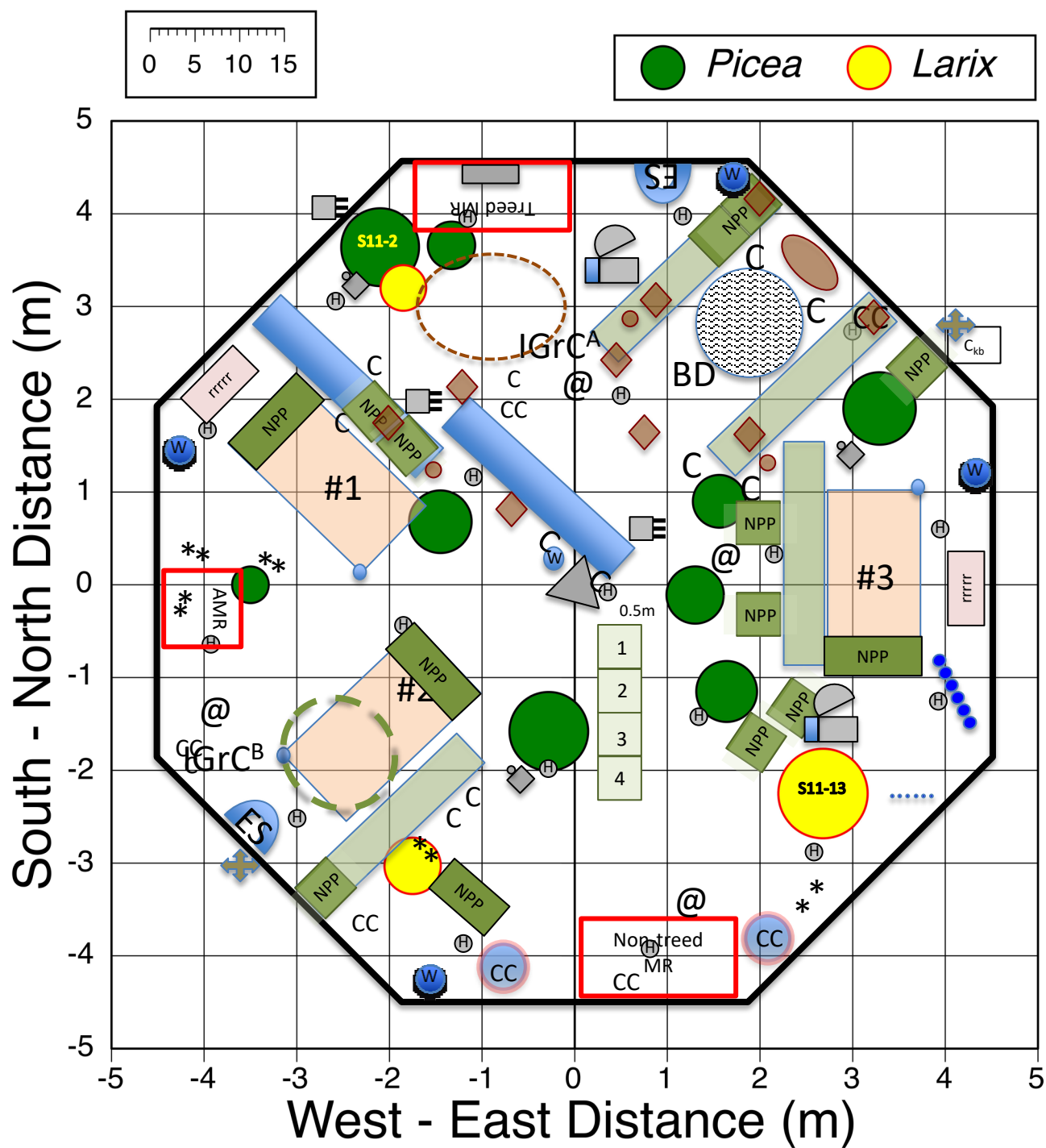
Plot #9
Ambient



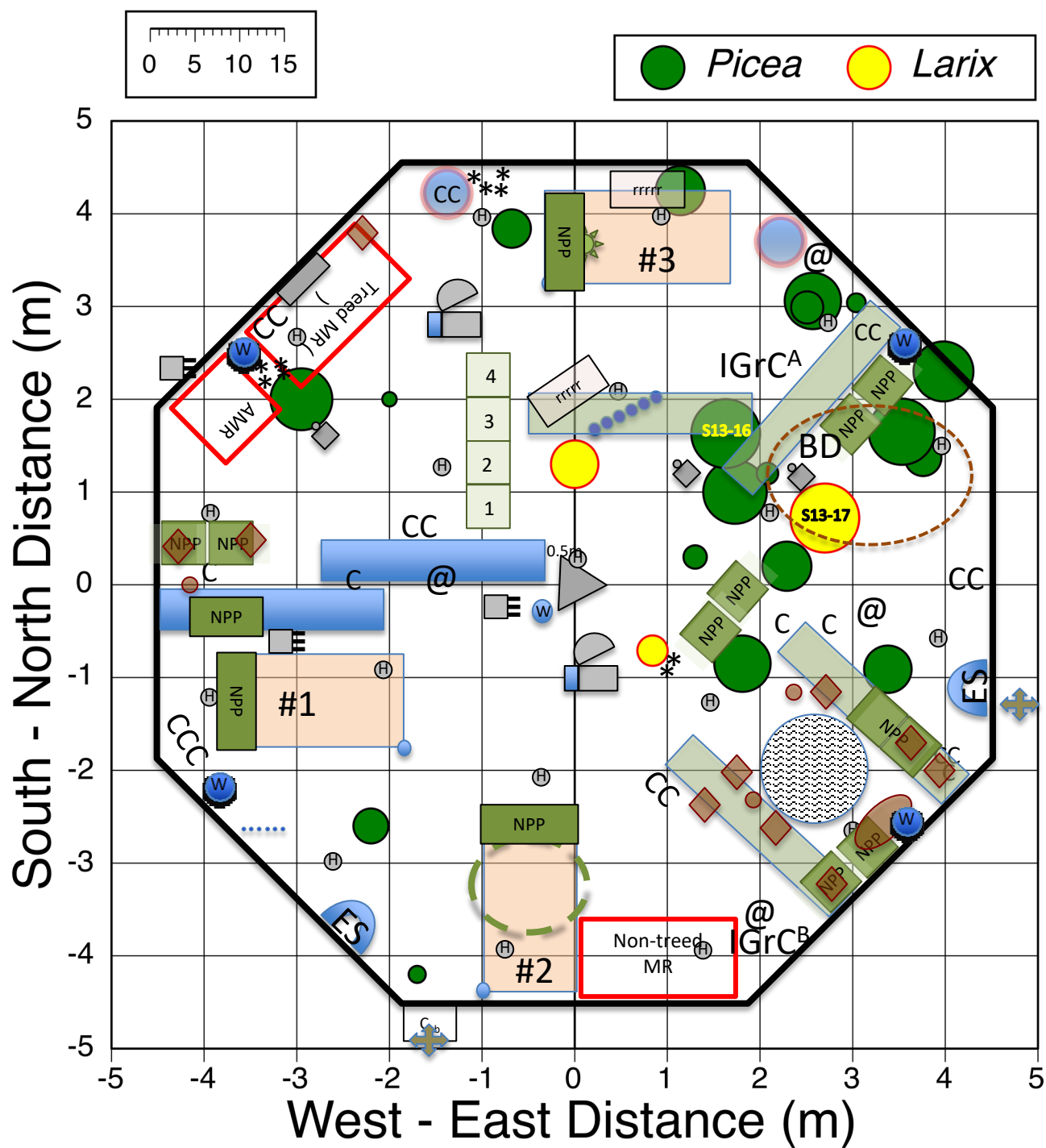
+9 °C



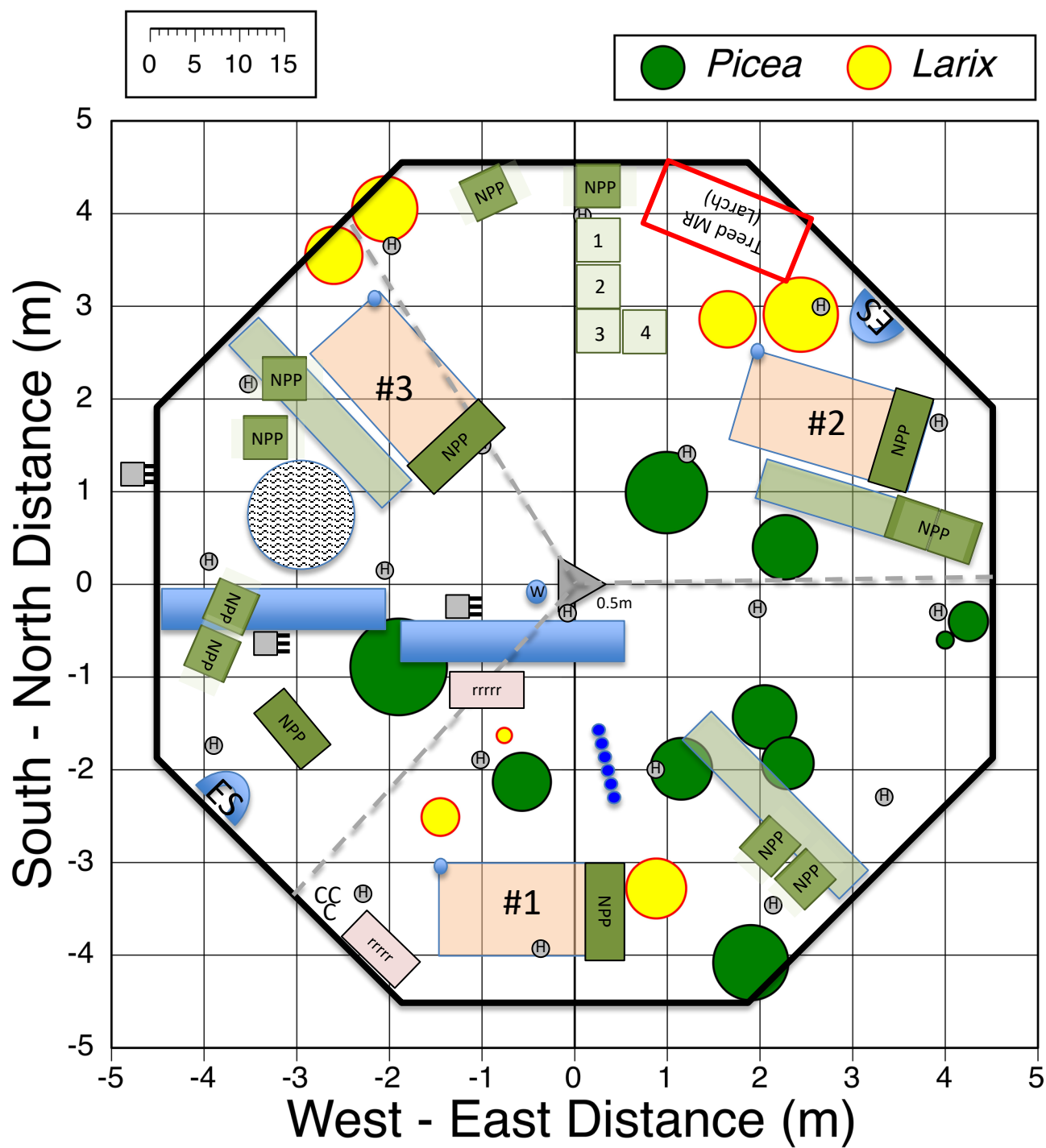
Plot #11
+2.25 °C



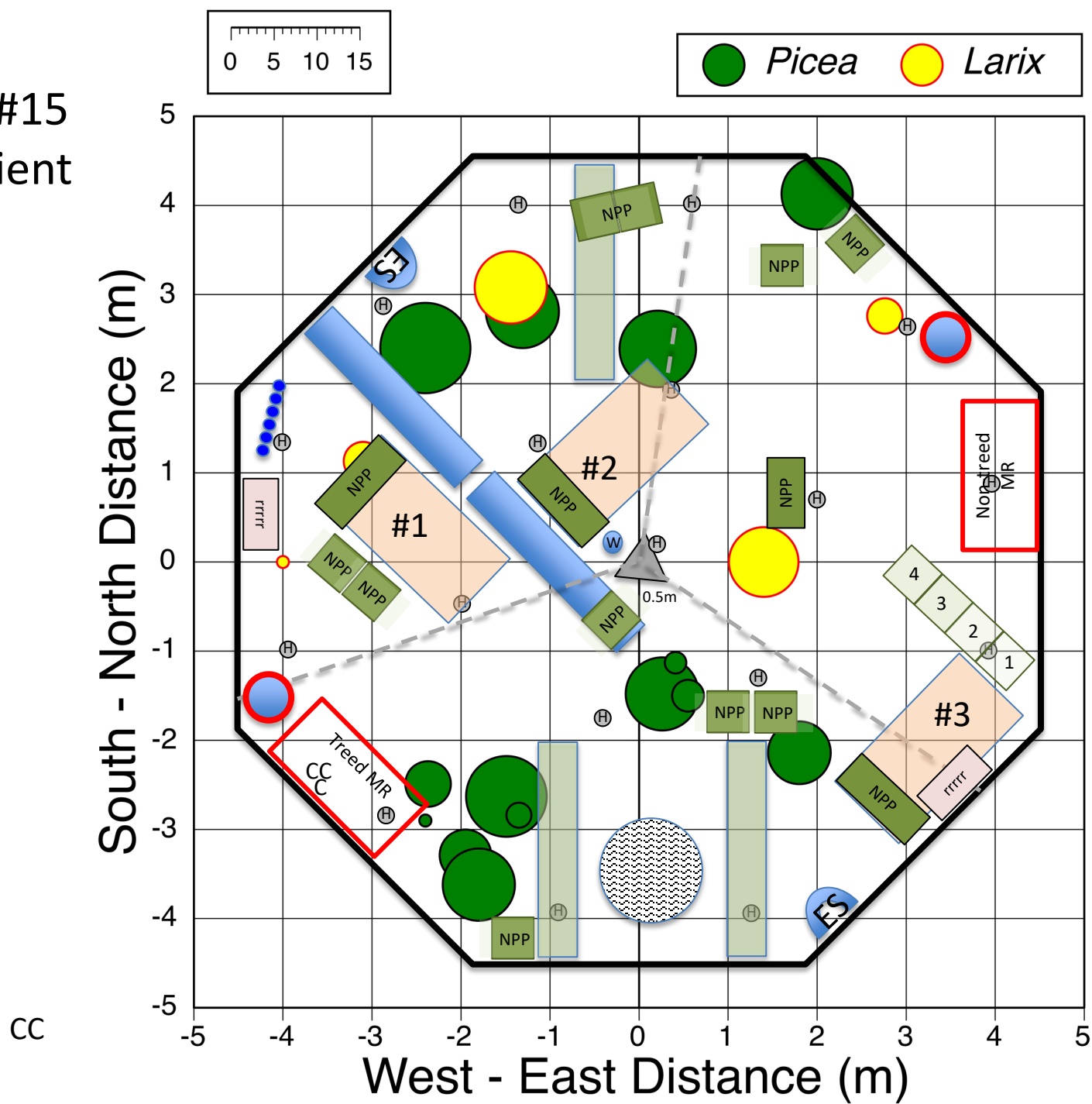
Plot #13
+4.5 °C



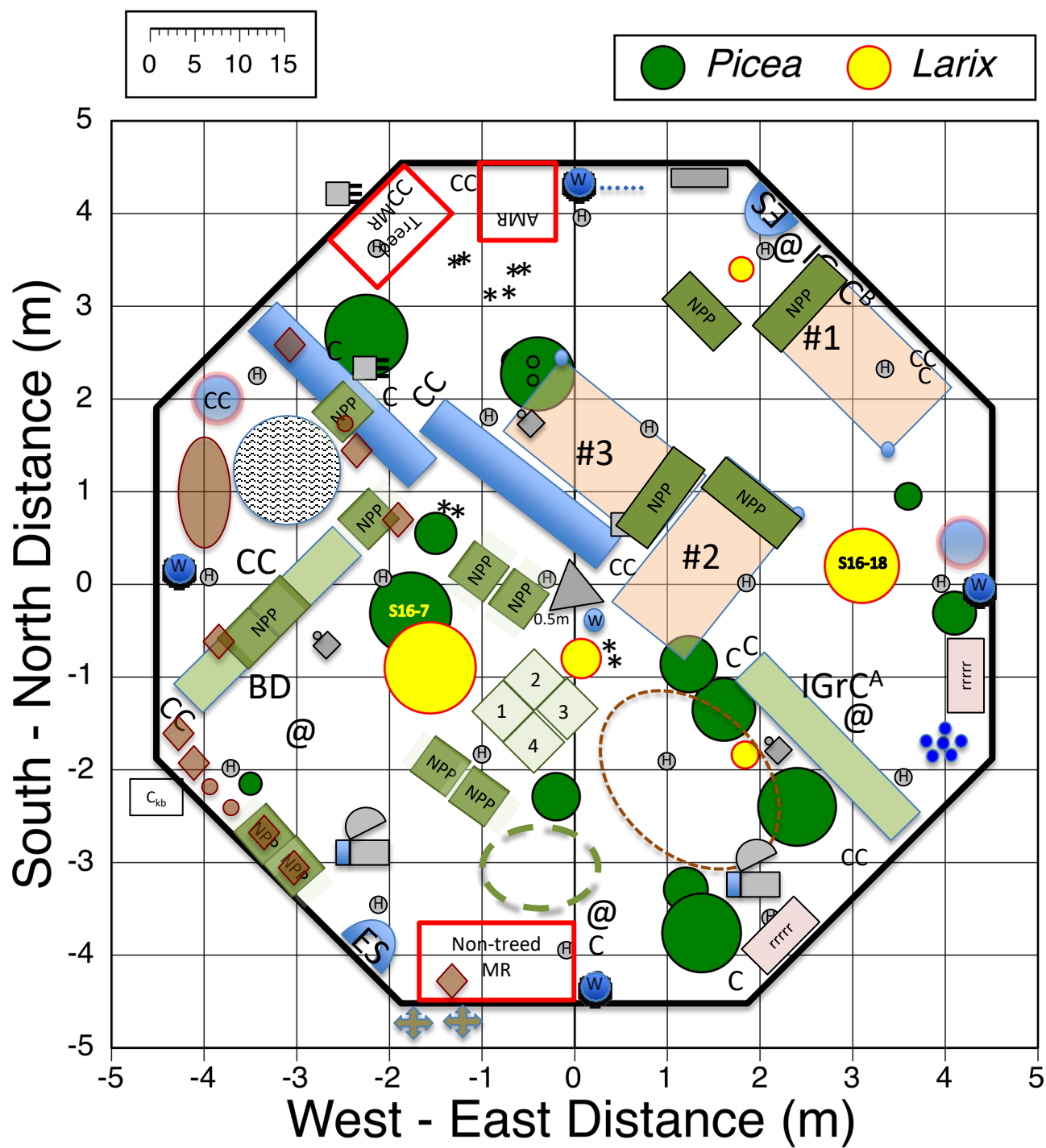
Plot #14
Ambient



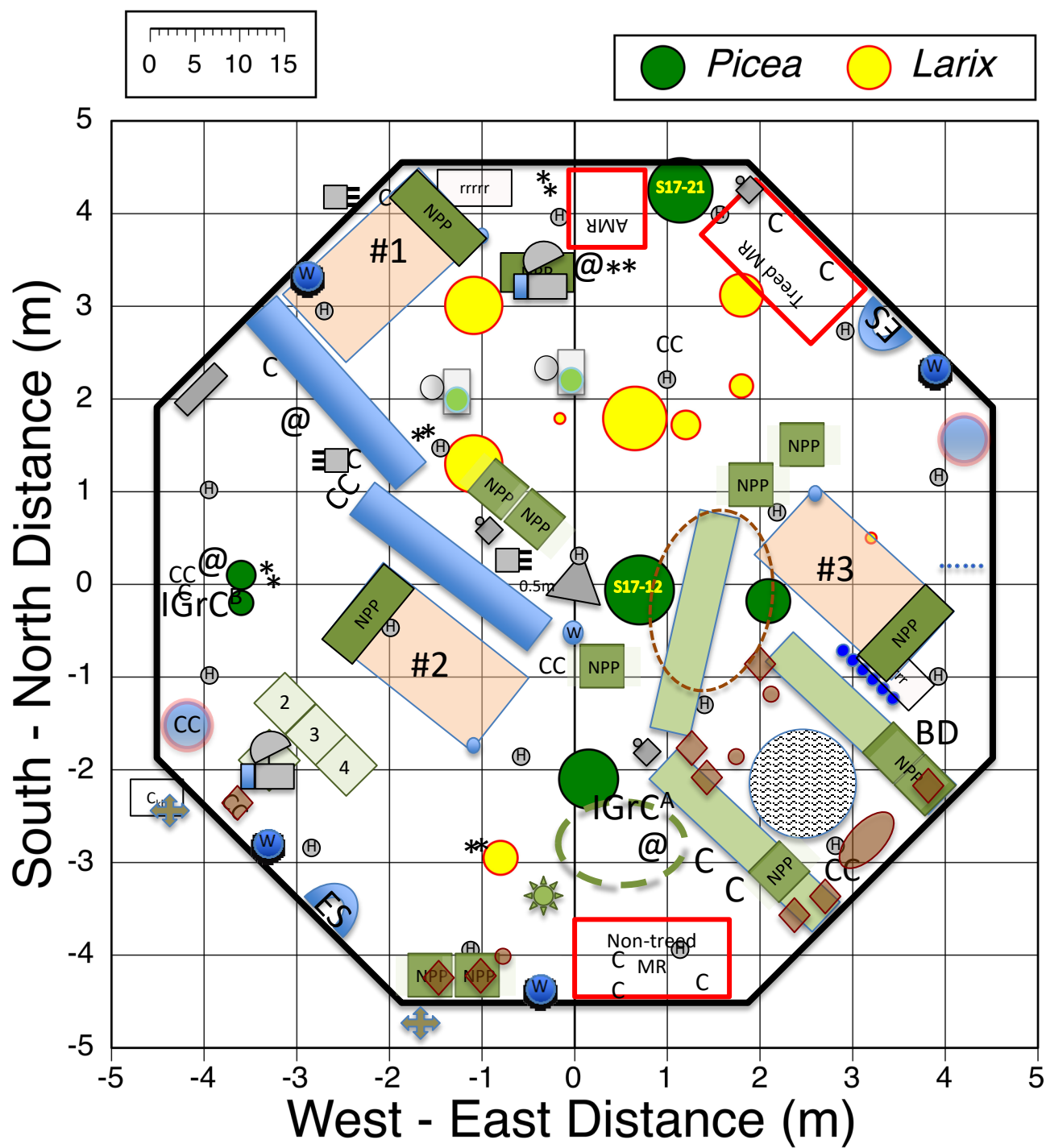
Plot #15
Ambient



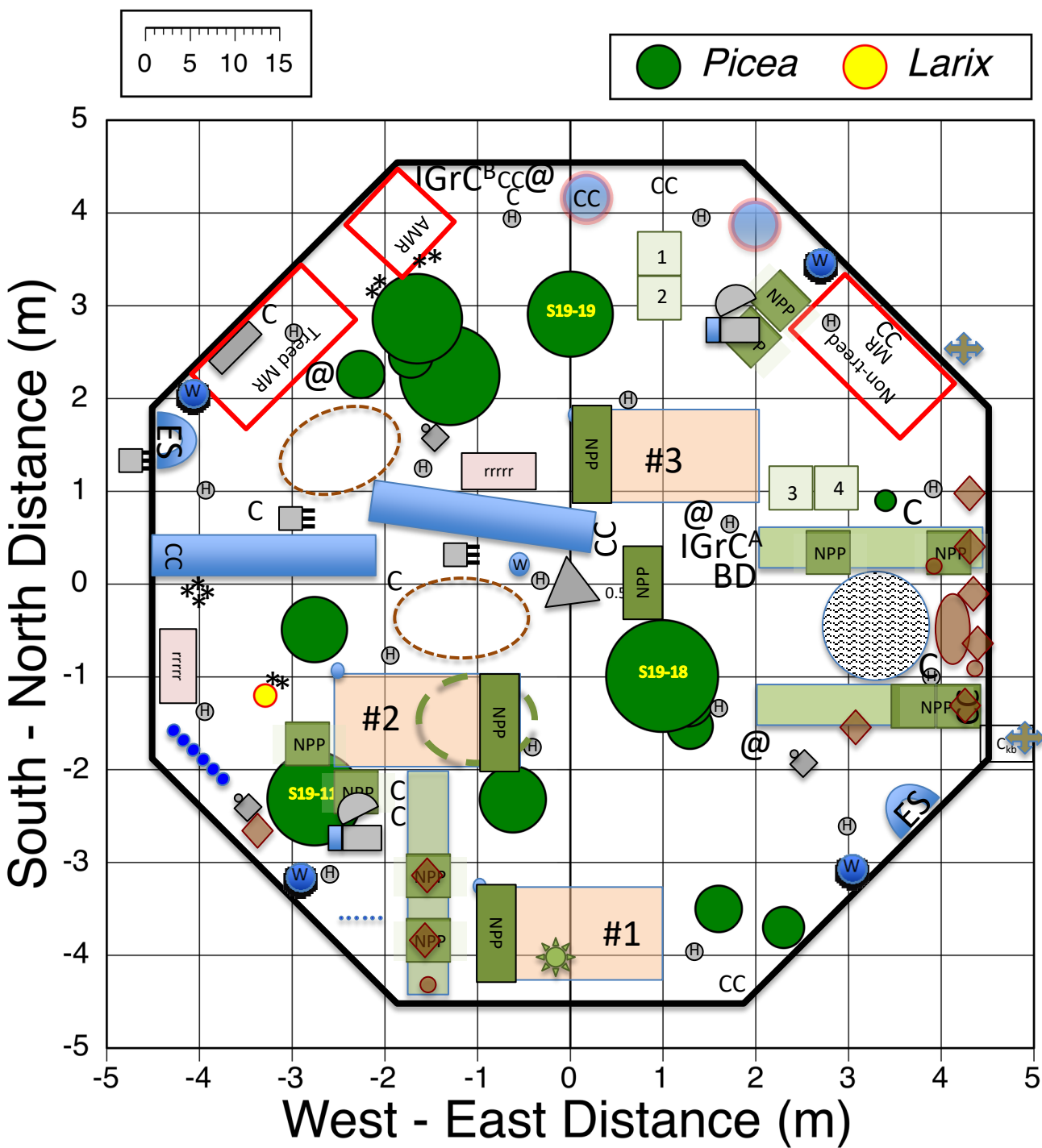
Plot #16
+6.75 °C



Plot #17
+9 °C



Plot #19
Control
+0 °C



+2.25 °C



Plot #21
Measured
Ambient

