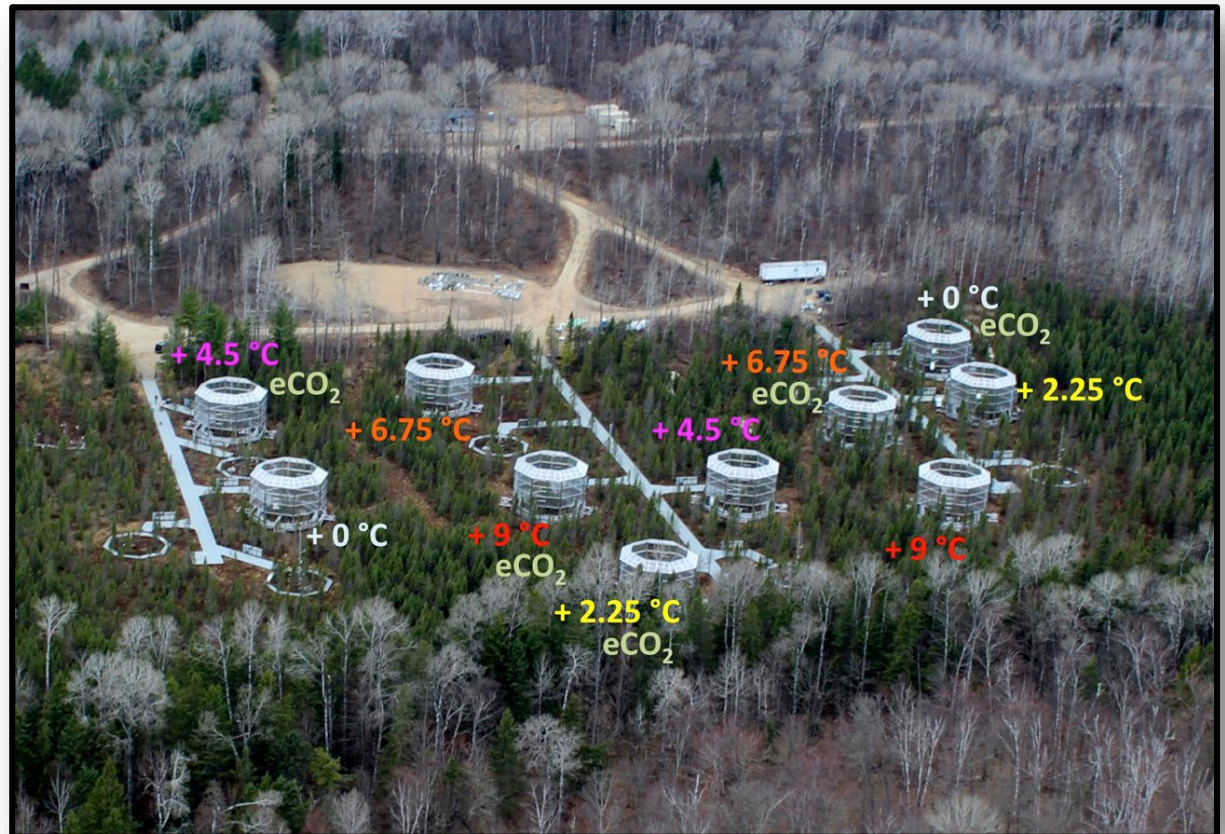


# Tree and Equipment Positions For SPRUCE Plots and Enclosures

Paul J. Hanson  
updated  
August 2024

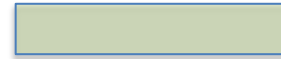


## Legend for the Plot Maps (shown over a 1 x 1 m square grid)

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

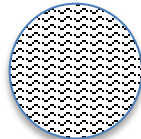


2. Temporary bridge locations =



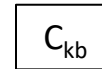
3. Heater casings =  $\oplus$

4. CO<sub>2</sub>/CH<sub>4</sub> Flux collar =



5. Minirhizotron installations = Mr or AMr

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



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)



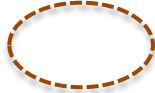
24. Target Area for shrub-level phenocam



25. Eosense-LT Chamber

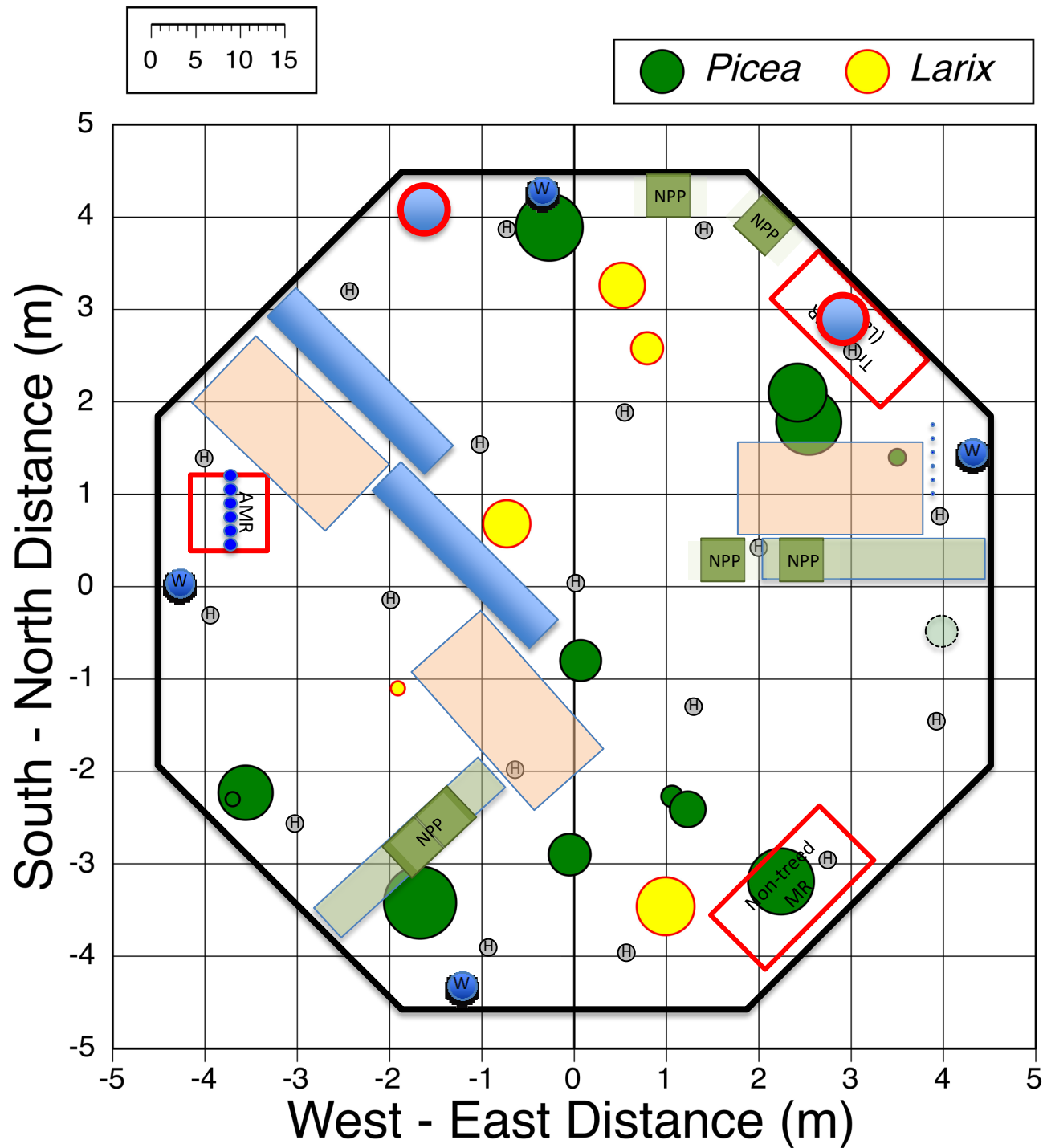


## **Legend for the Plot Maps (continued page 3)**

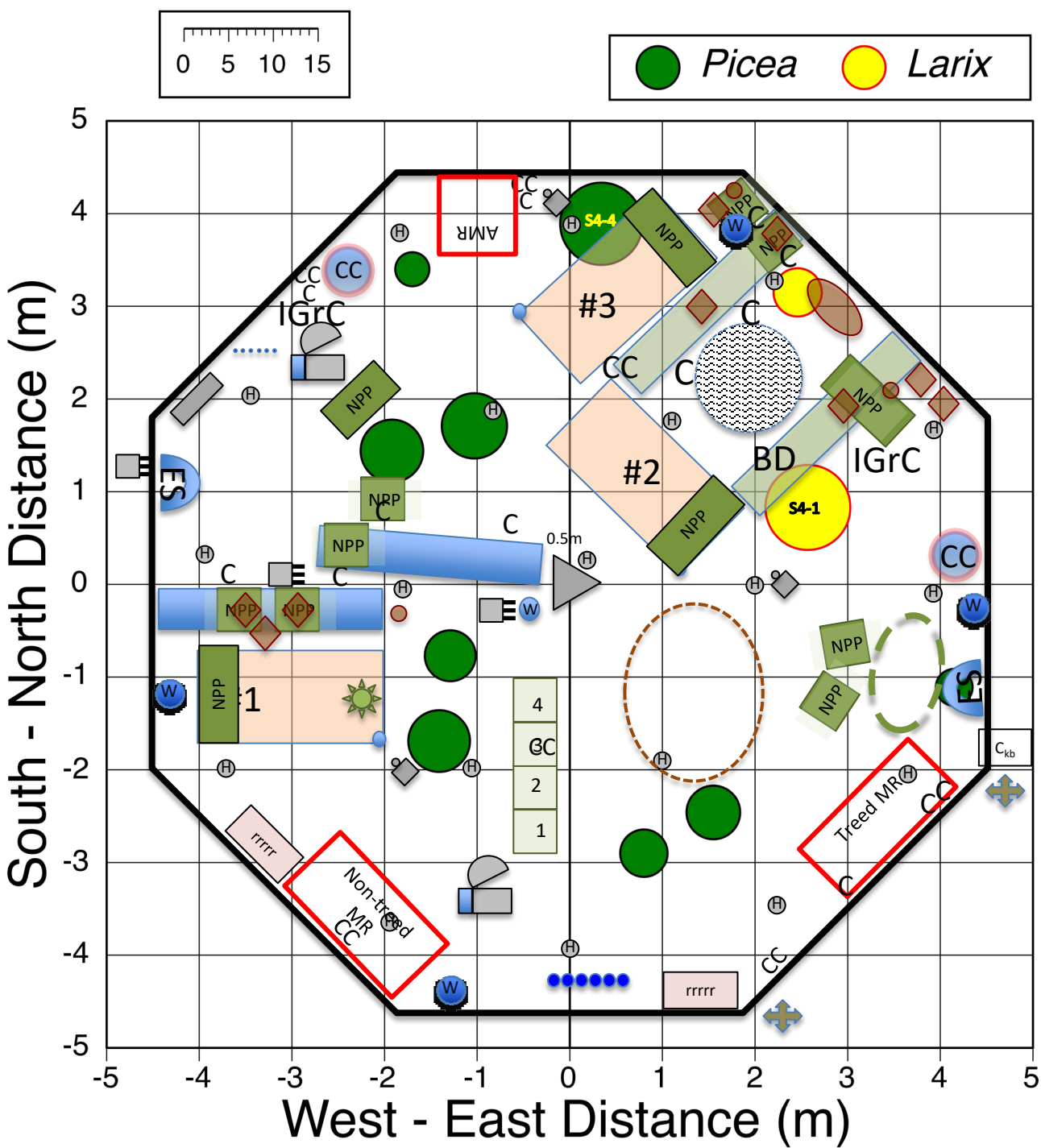
- 25. Li-8100 A small icon representing the Li-8100 sensor, consisting of a white circle with a black outline positioned above a green circle with a black outline, both contained within a white square with a black border.
- 26. NDVI Sensor A green star-shaped icon with eight points, representing the NDVI sensor.
- 27. Mineralization A dashed orange oval icon representing mineralization.

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.

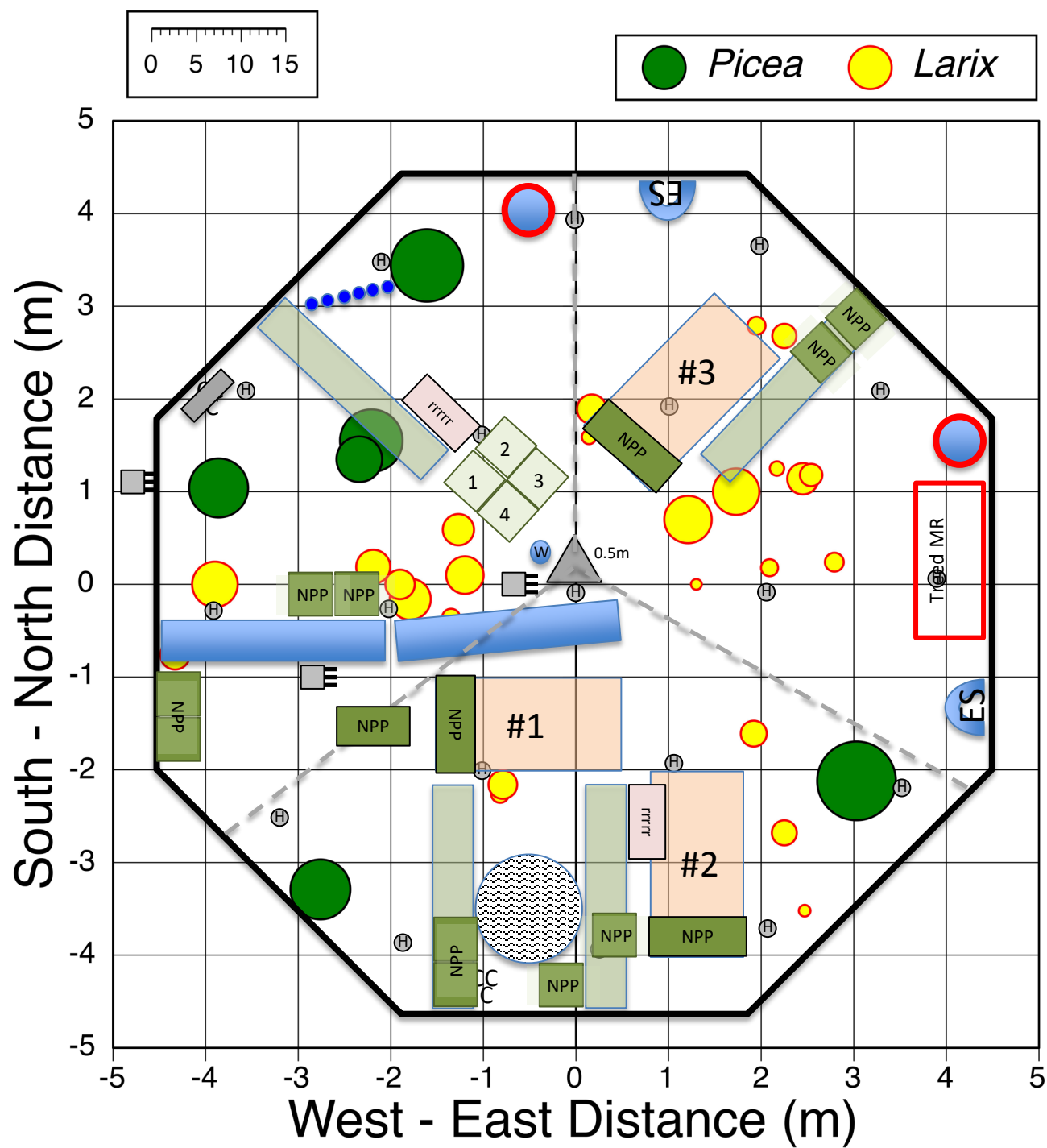
Plot #2  
Ambient



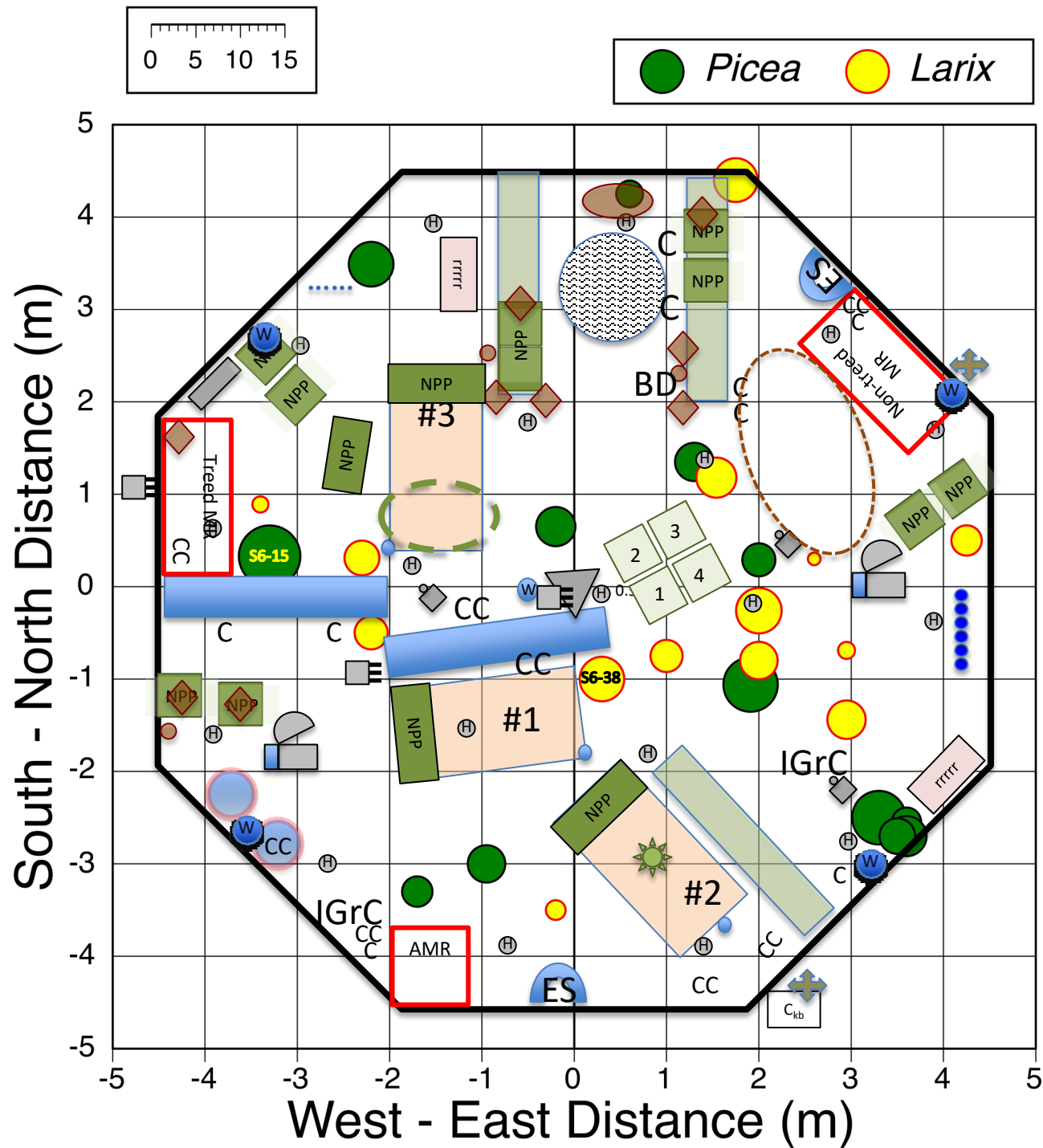
Plot #4  
+4.5 °C



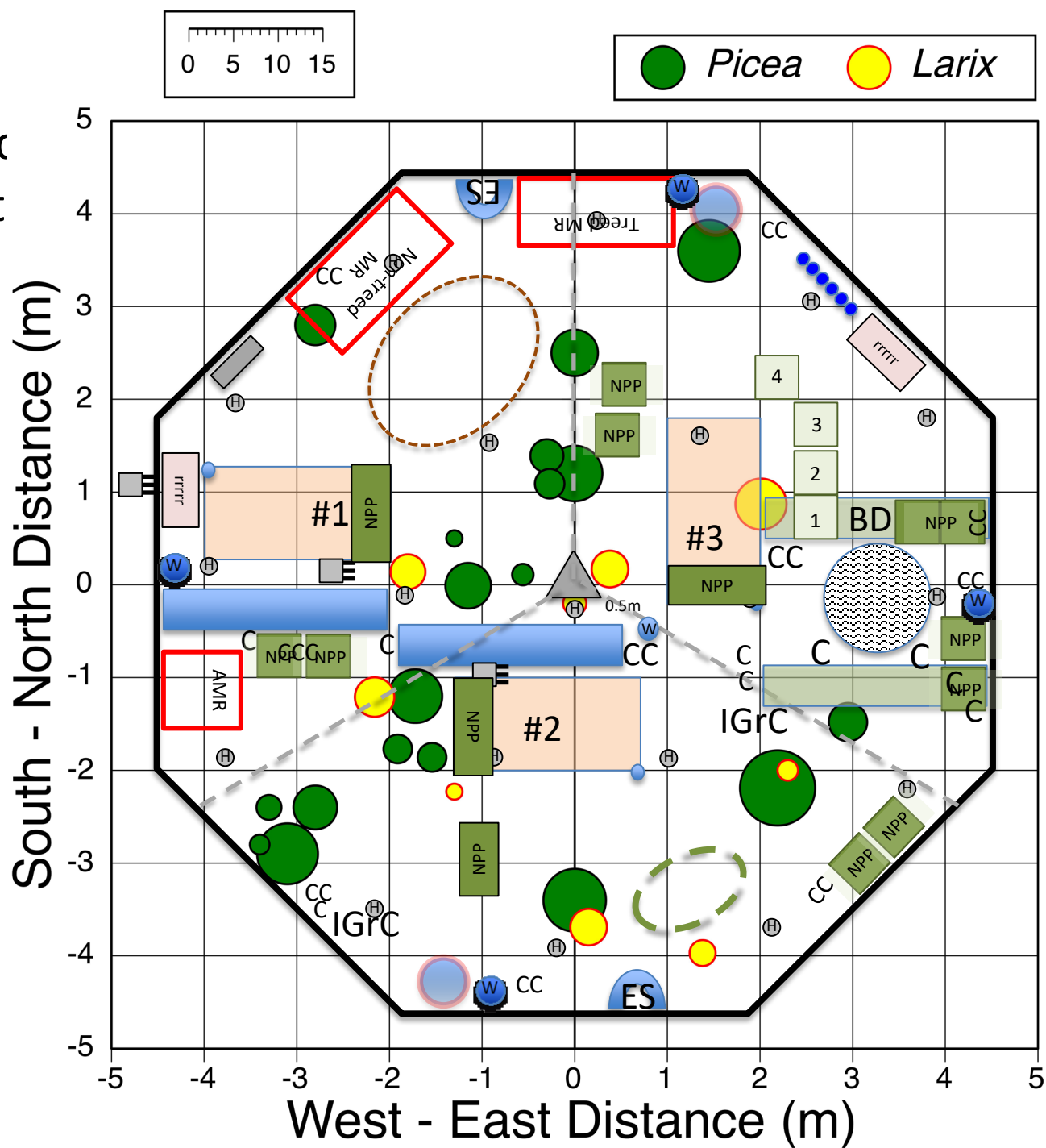
## Plot #5 Ambient



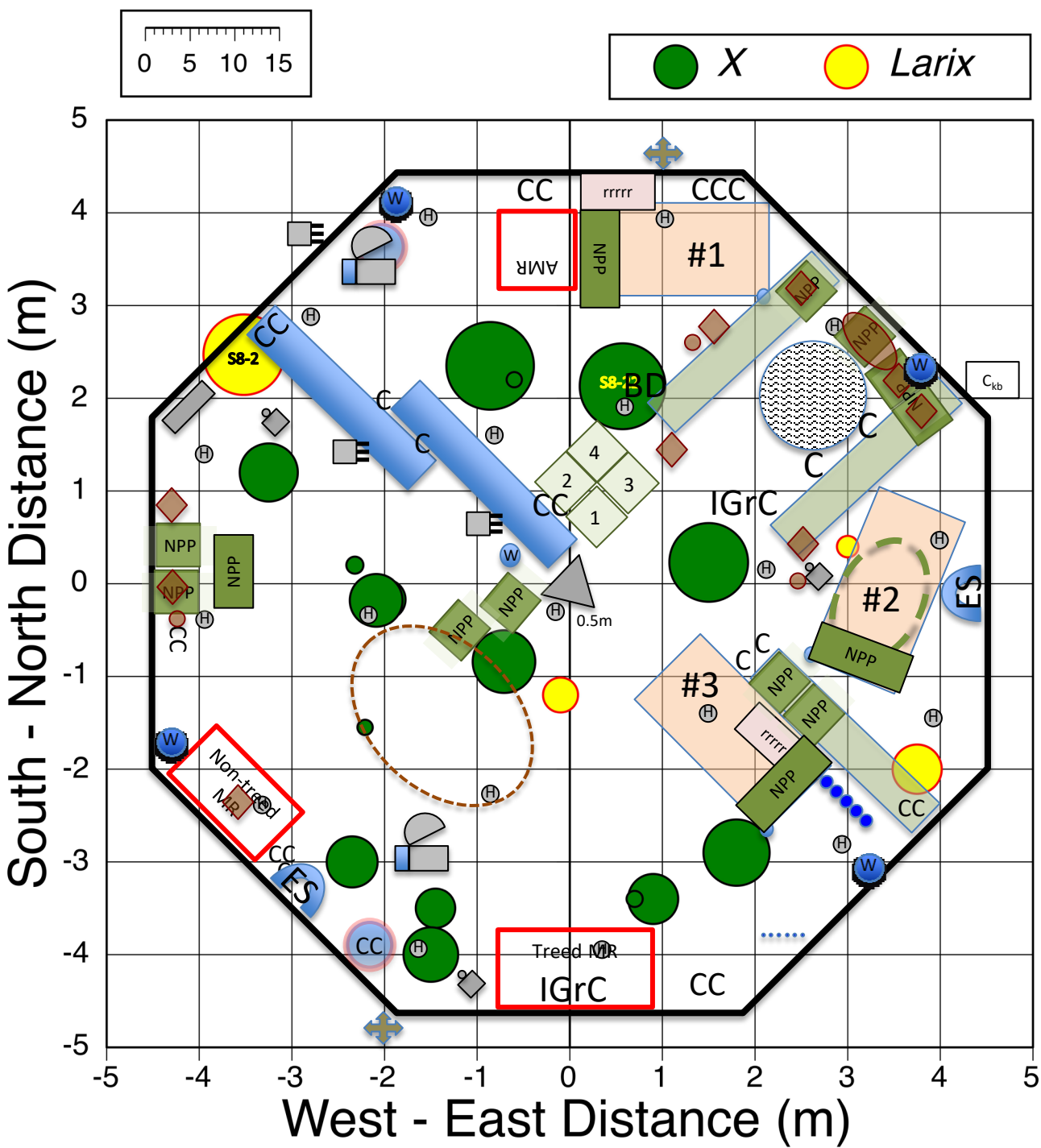
Plot #6  
Control  
+0 °C



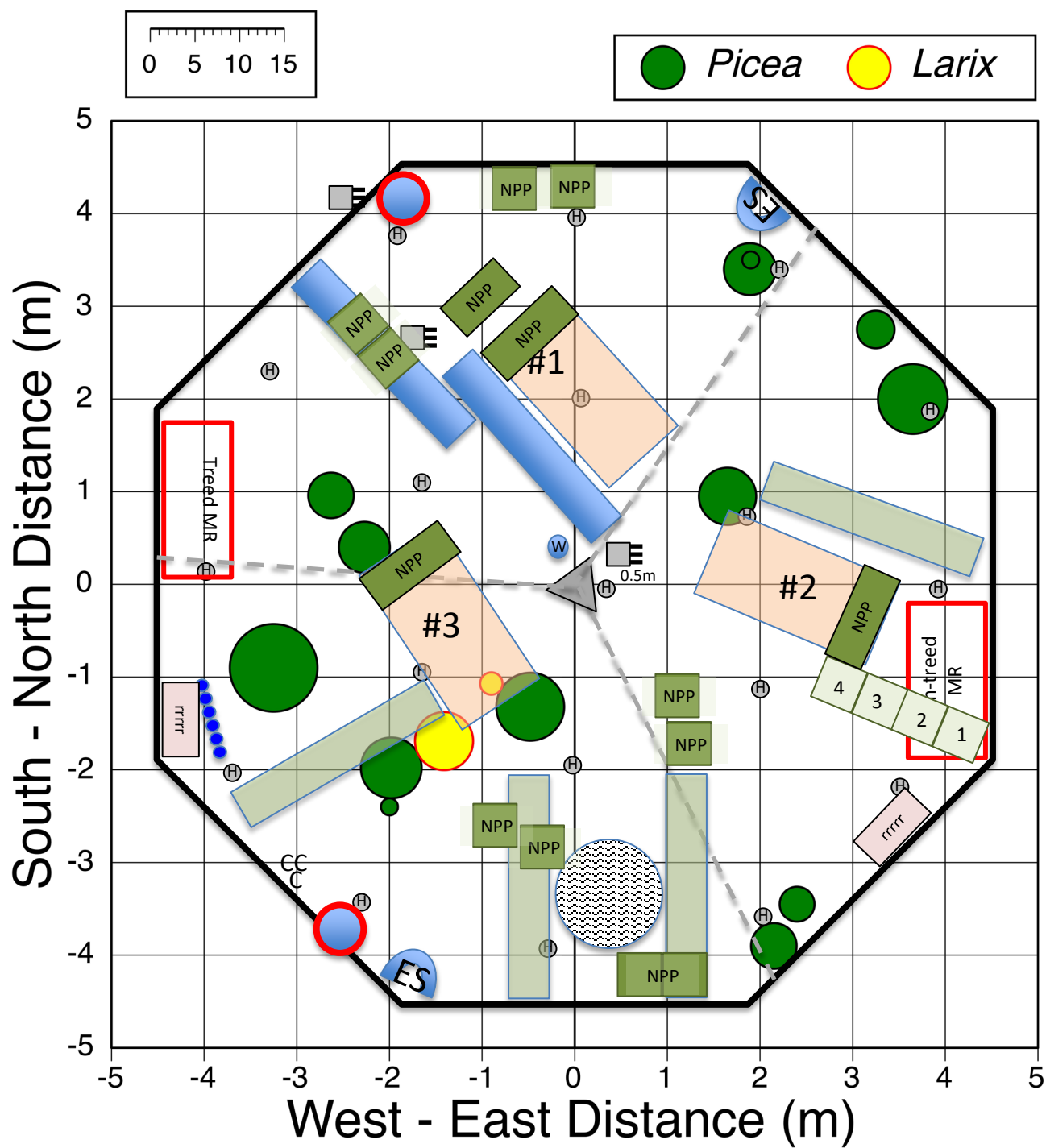
# Plot #7 Measured Ambient



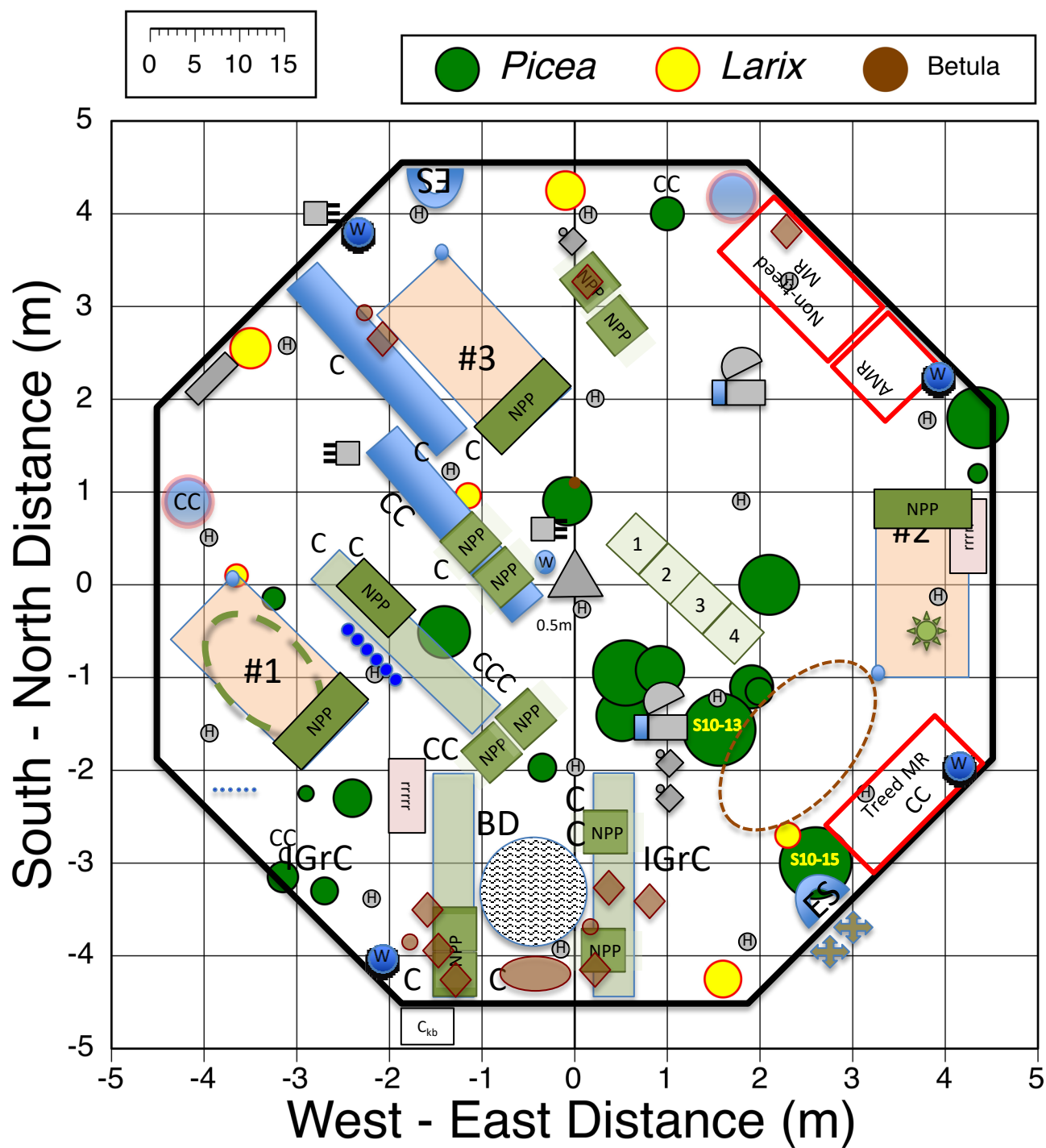
Plot #8  
+6.75 °C



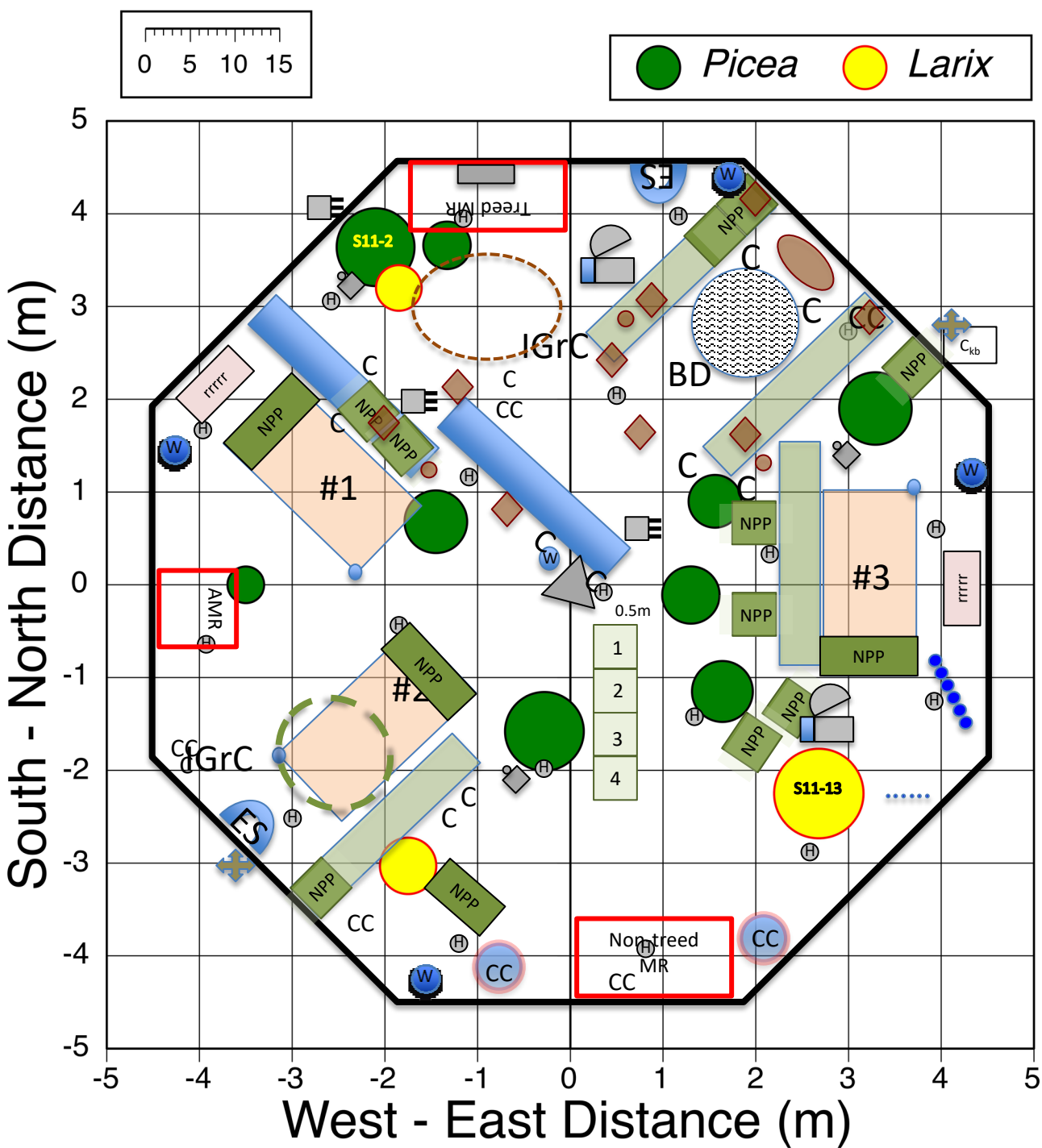
Plot #9  
Ambient



Plot #10  
+9 °C

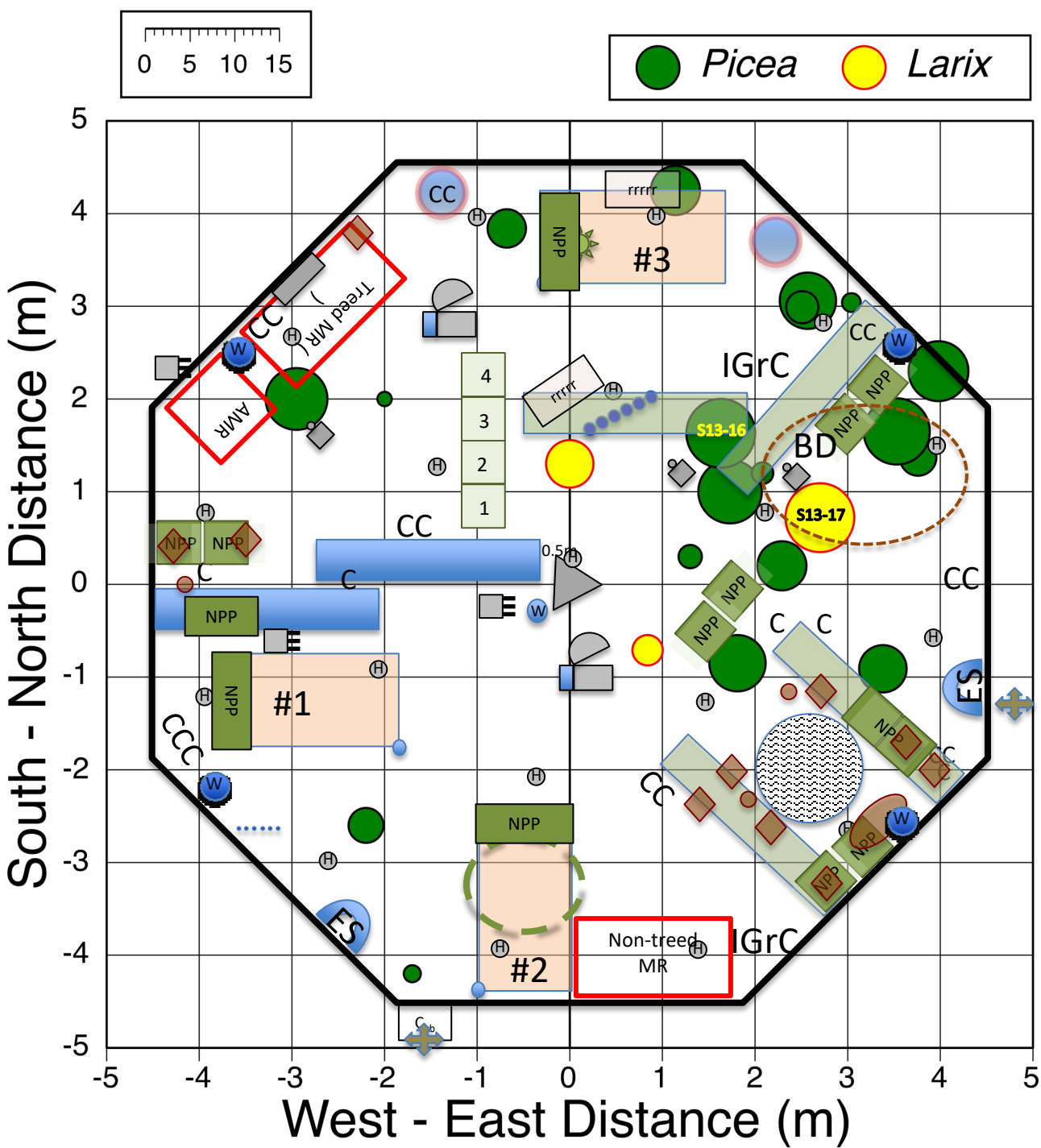


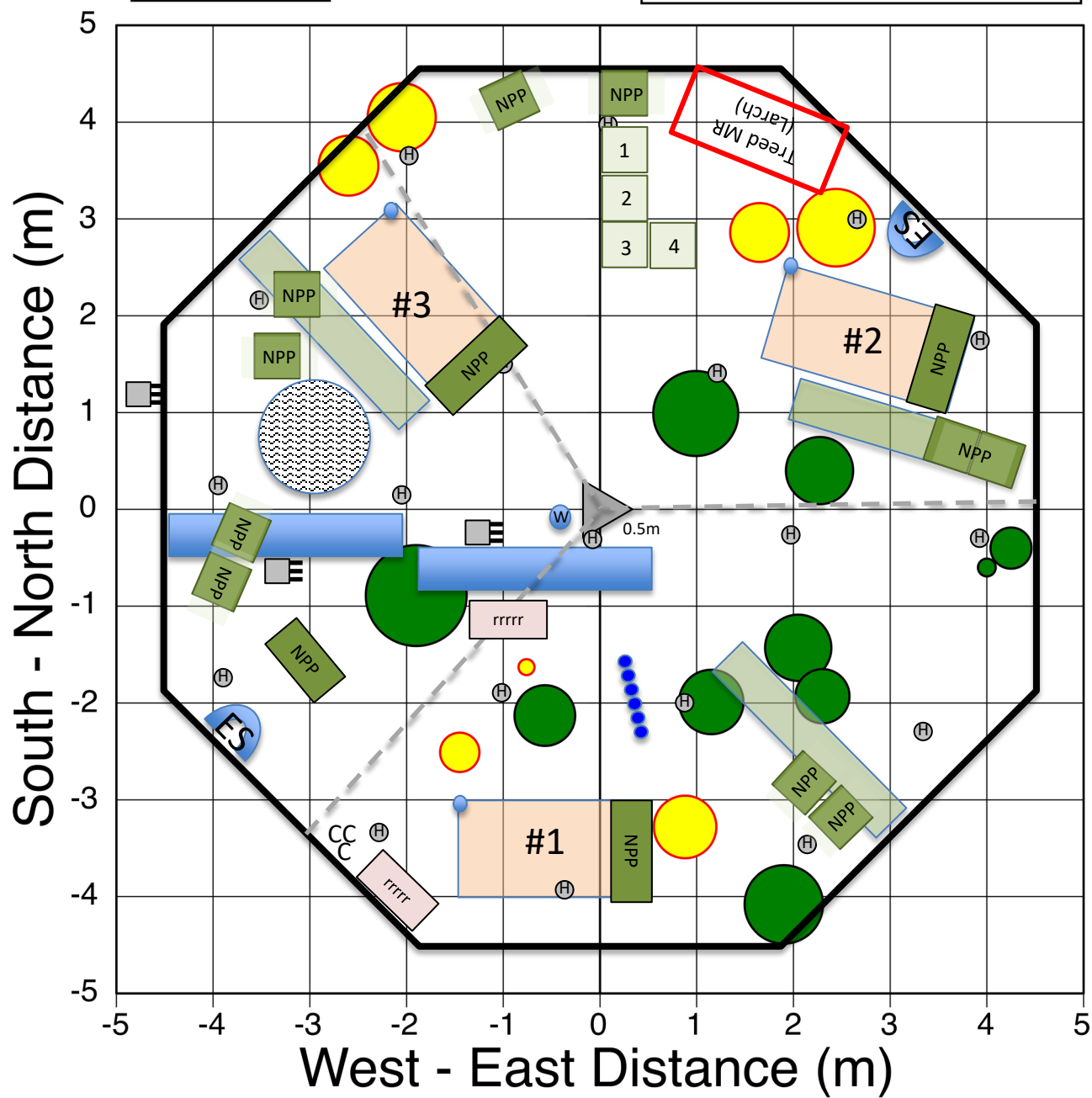
# Plot #11 +2.25 °C



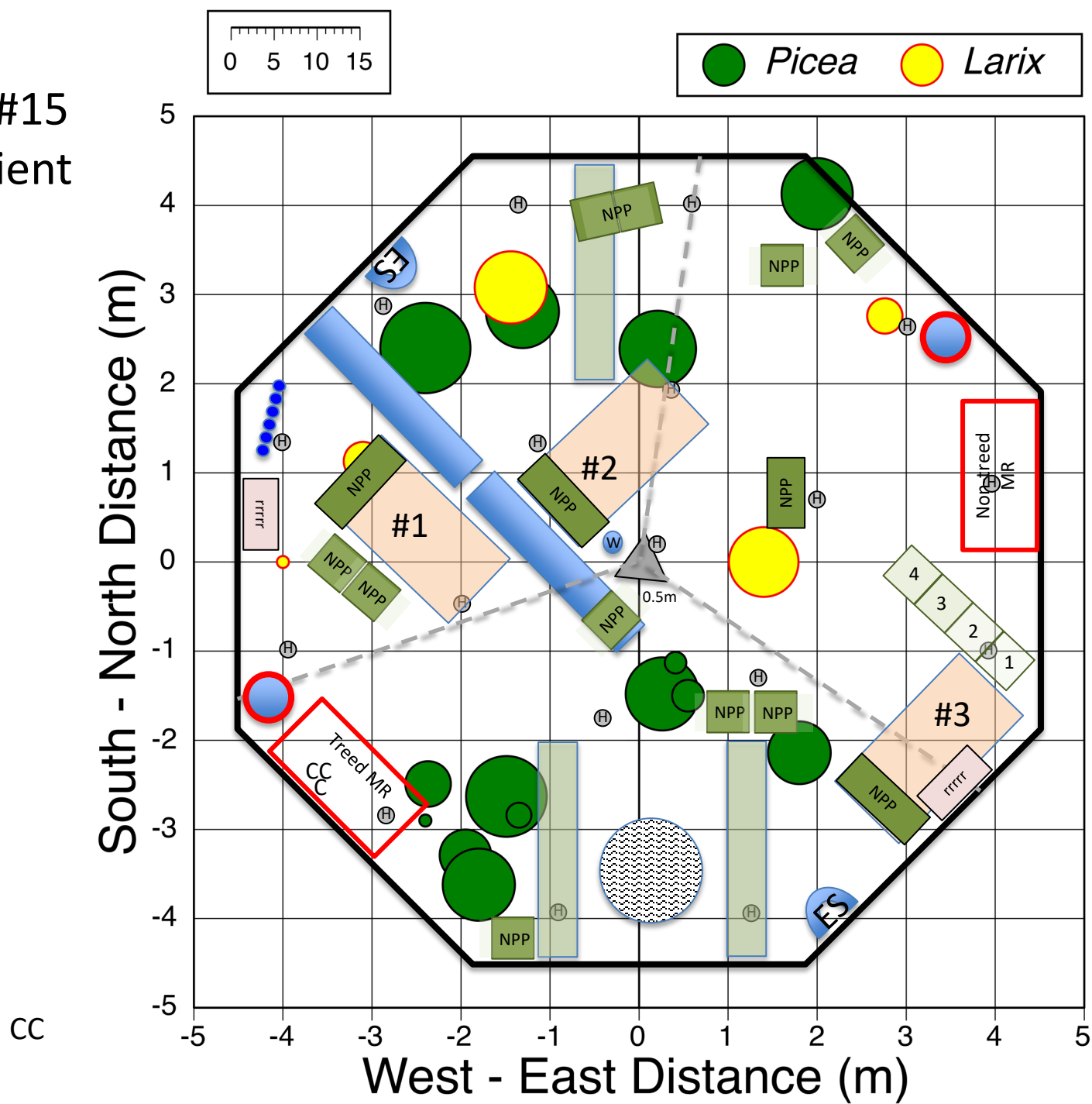
# Plot #13

## +4.5 °C

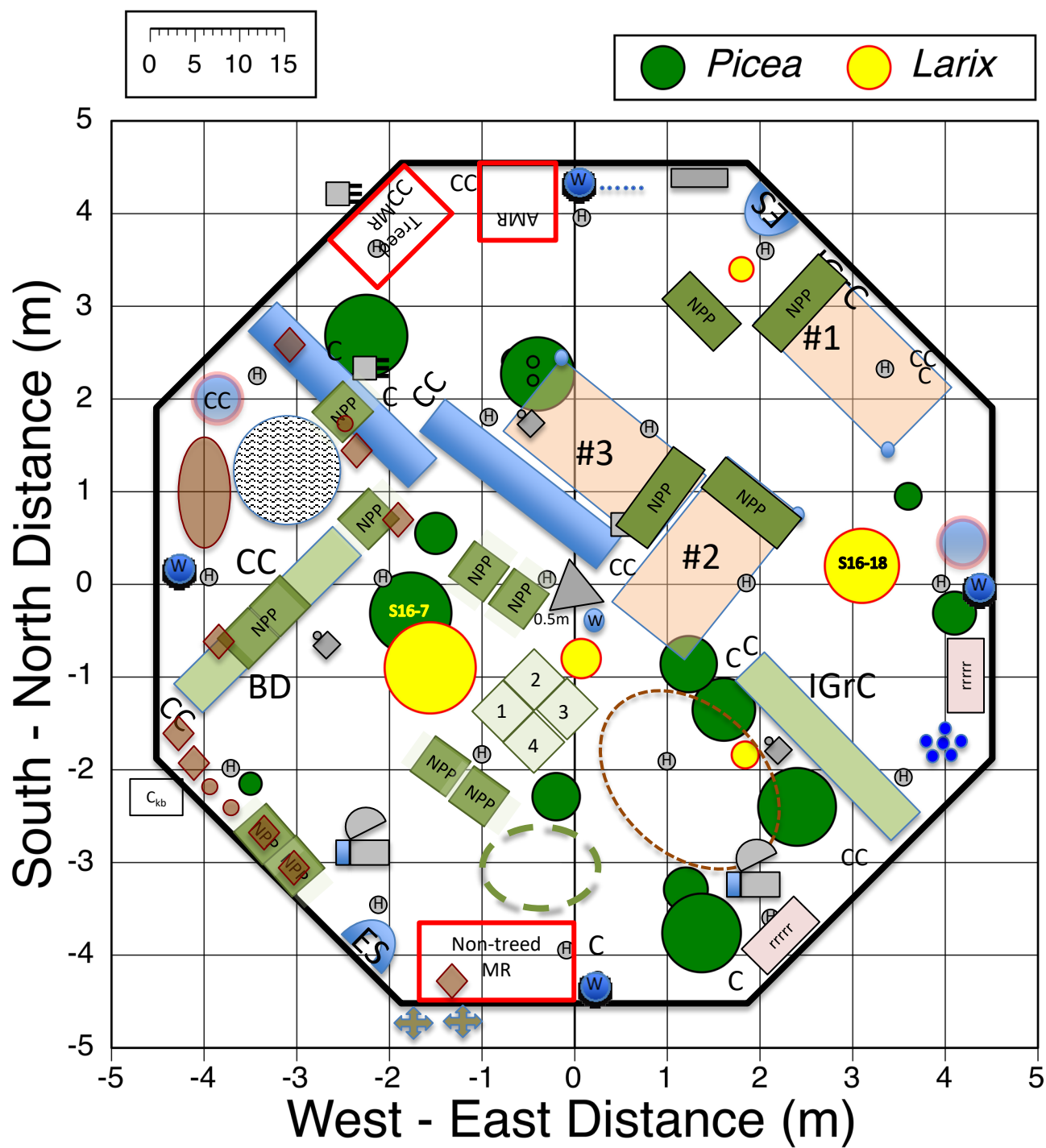




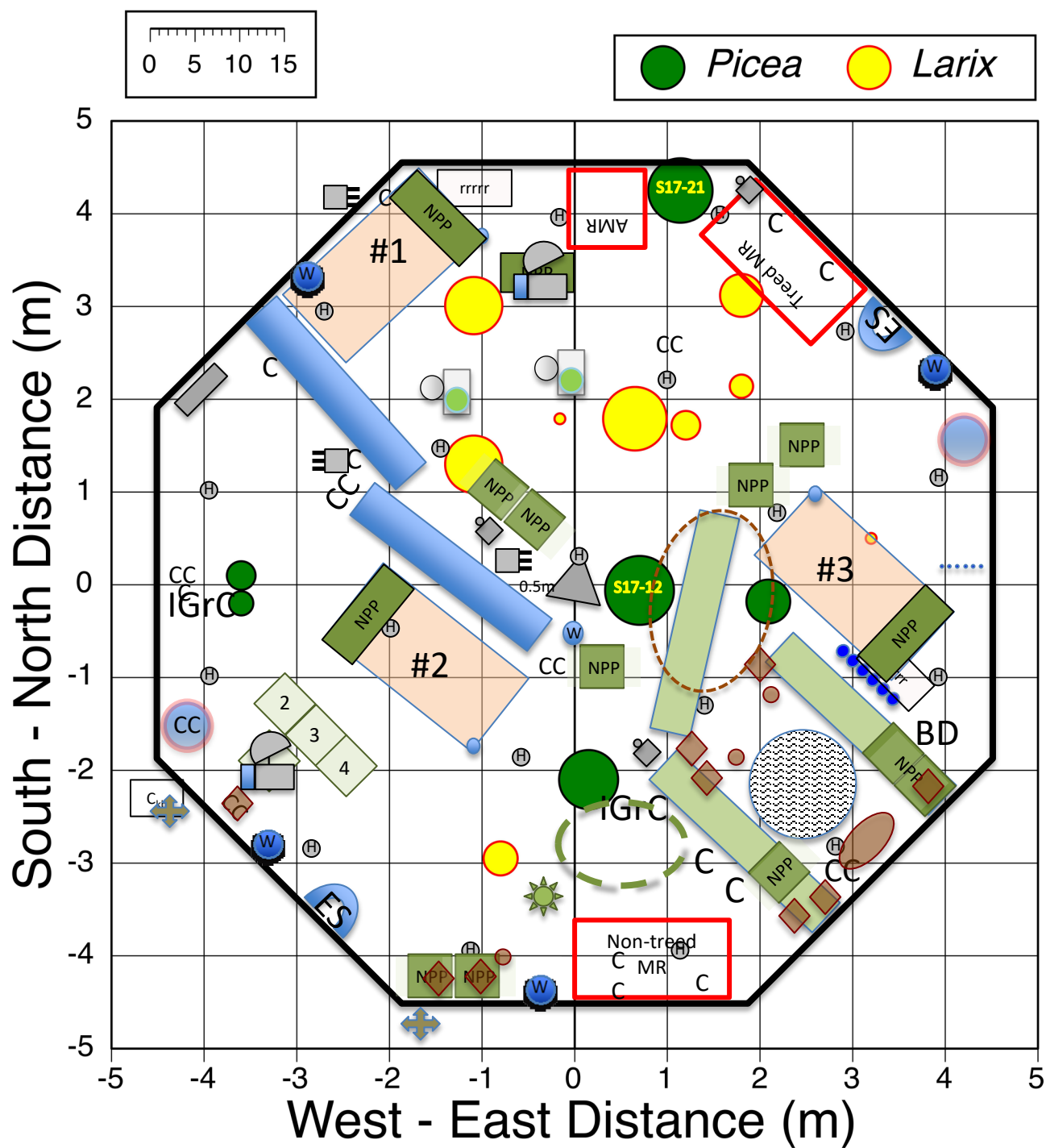
Plot #15  
Ambient



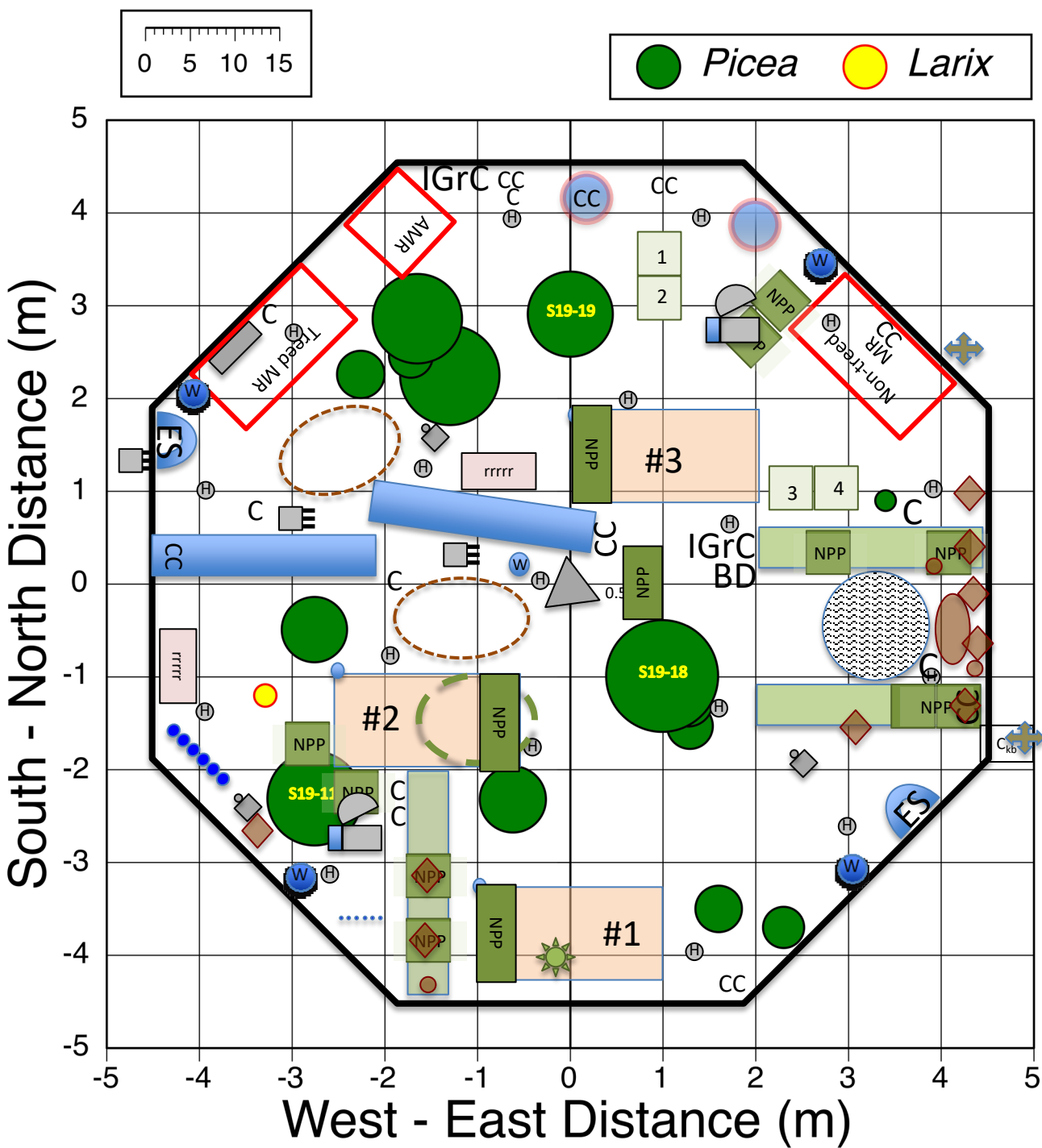
Plot #16  
+6.75 °C



Plot #17  
+9 °C



Plot #19  
Control  
+0 °C



+2.25 °C



Plot #21  
Measured  
Ambient

