

EP987.04 - Westwold Stem Maps

including Fall 2003 ingress



IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

- o paint dbh and attach a tag
DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked

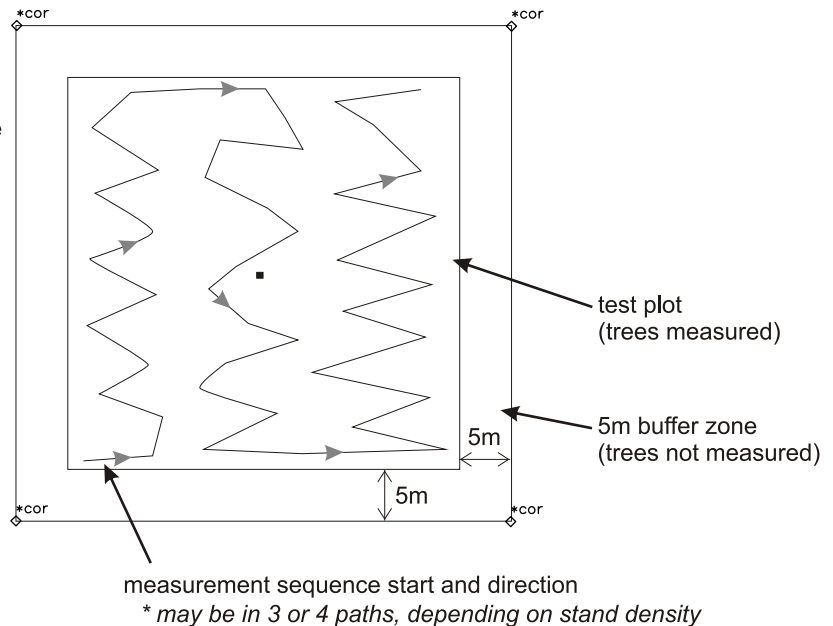
Measurement sequence

Each map displays the sequence in which the trees are listed in the data.

The first tree listed in the data recorder will be located near the SW corner of the test plot.

In most plots the sequence will "weave" along three paths (average about 15m wide), until you get to the end. Higher density plots may have 4 paths.

Keep the map with you at all times!! It'll be a time-saver.



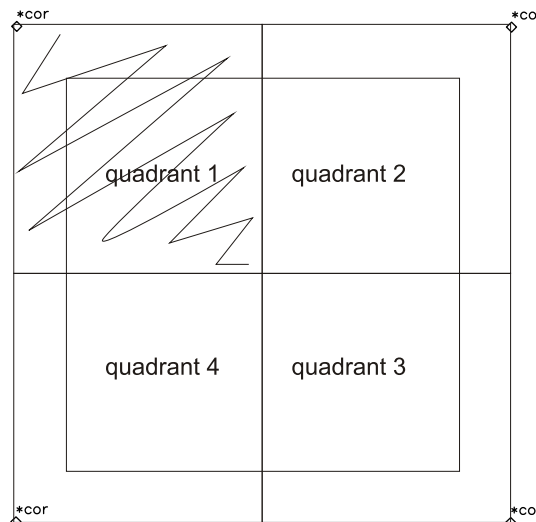
Measurement sequence versus tree tagging sequence

Original tagging:

- * start in the centre of the plot, quadrant 1,
- * "weave" out towards the corner (including the buffer trees)
- * then come back to the centre,
- * continue in quadrant 2, etc.

Although the tagging sequence made sense at the time, subsequent activities, tree mortality, adding trees at each assessment and now ignoring buffer trees, has resulted in some considerable distance between trees and a hodgepodge of tree numbers. In short, it's a pain to find your way using the numerical sequence.

The hodgepodge remains (-), but the new pattern (above) should reduce that distance considerably and as long as you **use the map**, will make it easier to find the next tree.



Supplies provided by the Ministry

- * numbered tags for new ingress
- * blank, write-on tags to replace missing tags
- * cable-ties to attach tags to trees

including Fall 2003 ingress

- o paint dbh and attach a tag
- DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):

* its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:

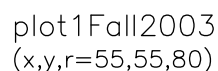
e.g. from tree:1463 Az:214 Dist:2.6

- o if buffer status is uncertain: TAG + MEASURE

1372 - 1528 (original trees)

2001 - 2010 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



Total Inline: 10.7 m; Side: 3571.2 m
Declination: 19.0 degrees

Closure: 8.9 m (83.08 %)
 Forced Closure: no
☐ Inline ☐ Side ☒ no diam



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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

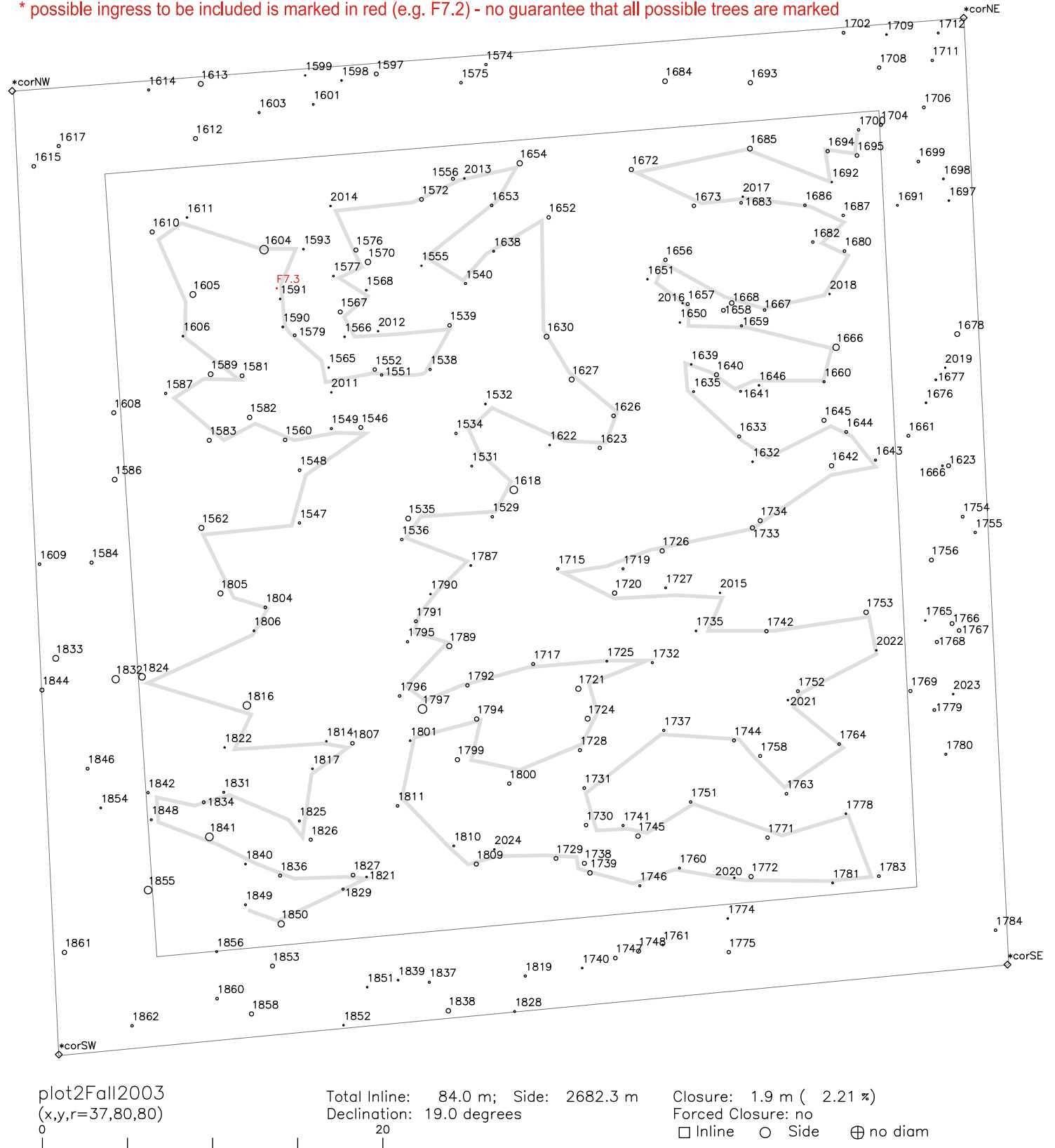
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 2 - Tag number sequences

1529 - 1862 (original trees)

2011 - 2024 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



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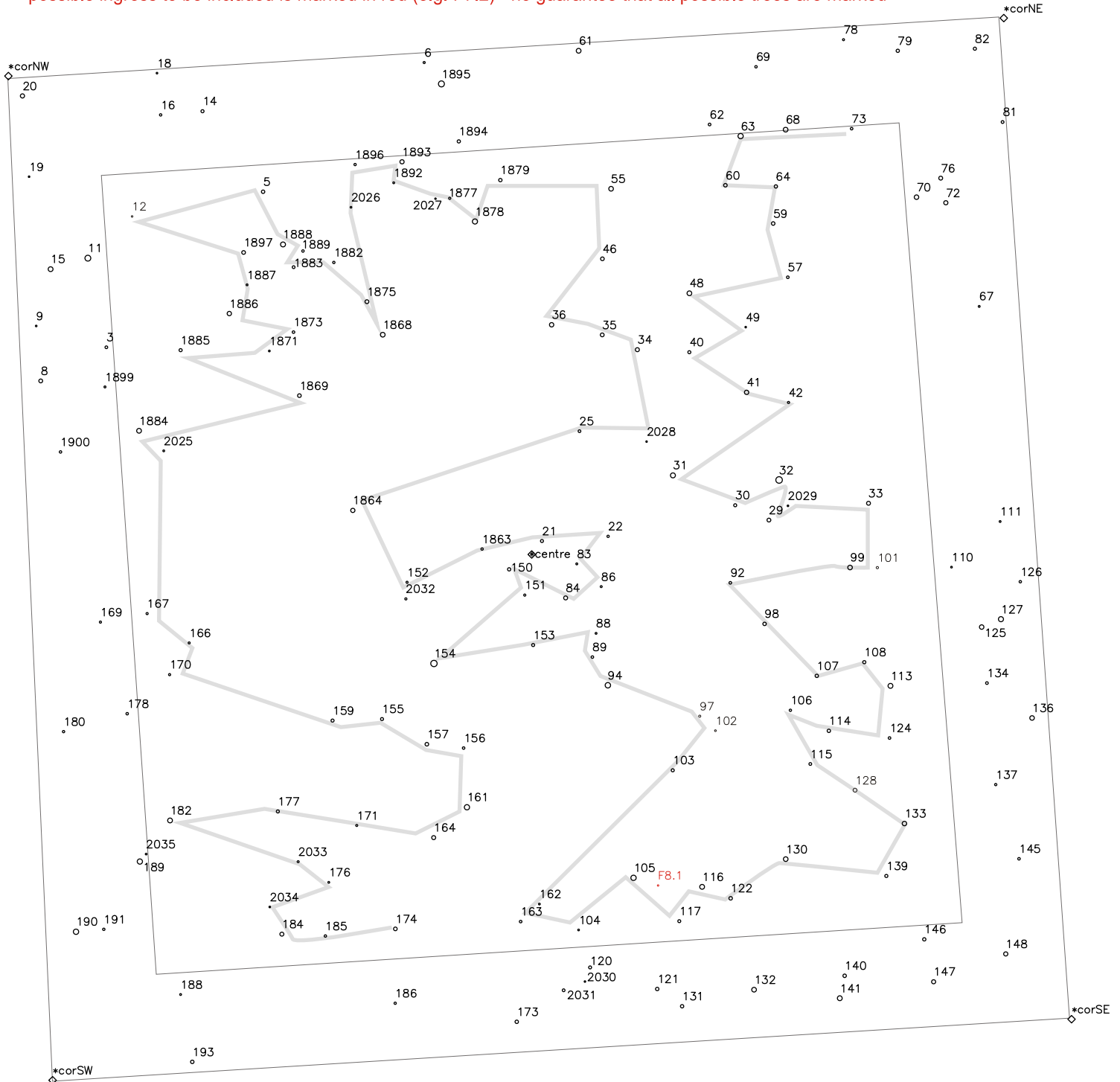
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 3 - Tag number sequences

5 - 190 + 1863 - 1900 (original trees)
2025 - 2035 (added in 2003)



* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot3Fall2003
(x,y,r=50,42,80)

Total Inline: 37.7 m; Side: 3631.2 m
Declination: 19.0 degrees

Closure: 37.7 m (100.00 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam

EP987.04 - Westwold Stem Maps

including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

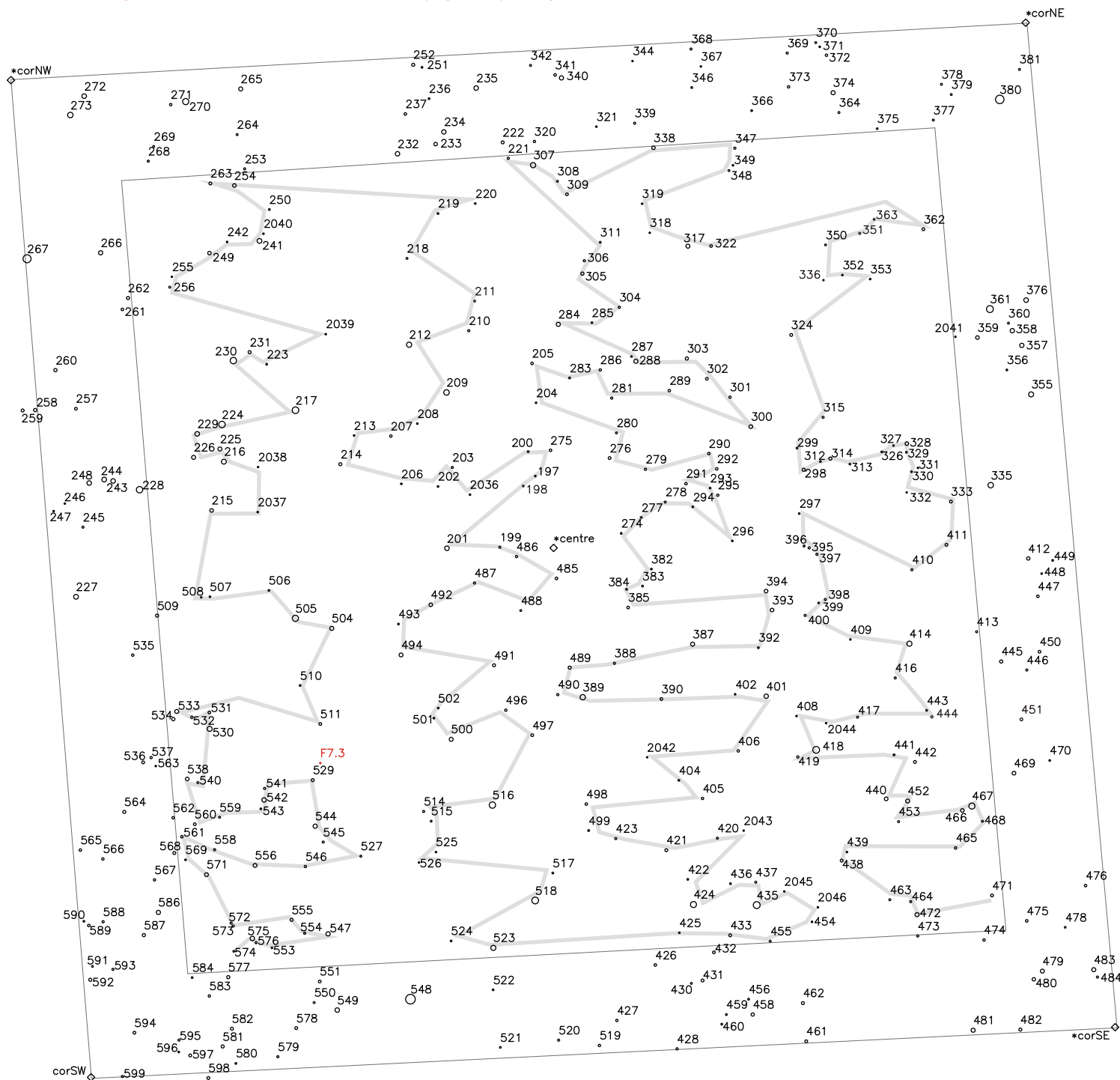
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 4 - Tag number sequences

197 - 599 (original trees)

2036 - 2046 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot4Fall2003
(x,y,r=67,35,80)

Total Inline: 113.0 m; Side: 3940.7 m
Declination: 19.0 degrees

Closure: 40.5 m (35.82 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam

EP987.04 - Westwold Stem Maps

including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

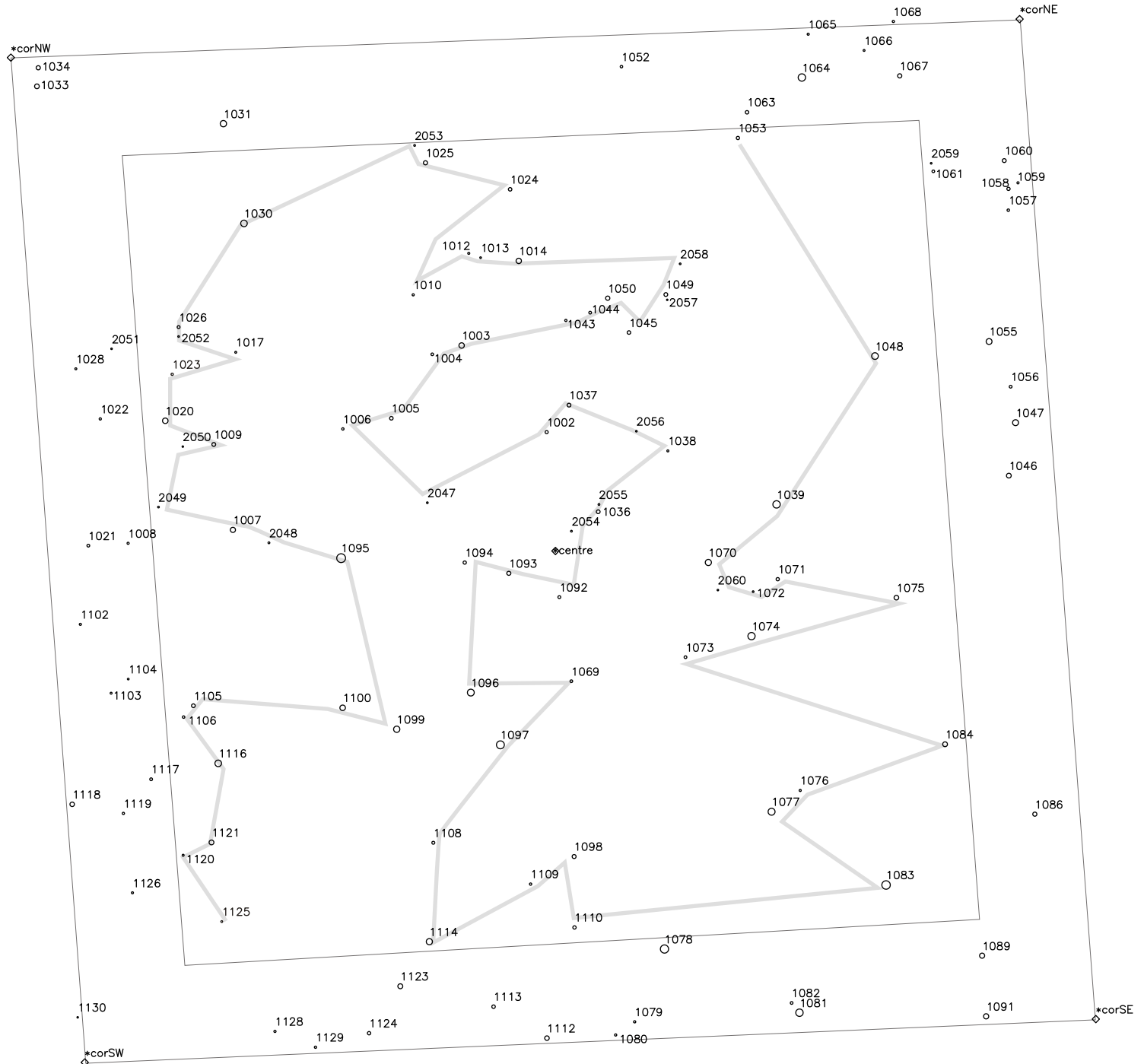
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 5 - Tag number sequences

1002 - 1130 (original trees)

2047 - 2060 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot5Fall2003
(x,y,r=55,45,80)

Total Inline: 15.4 m; Side: 2577.5 m
Declination: 19.0 degrees

Closure: 14.9 m (96.41 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam



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including Fall 2003 ingress

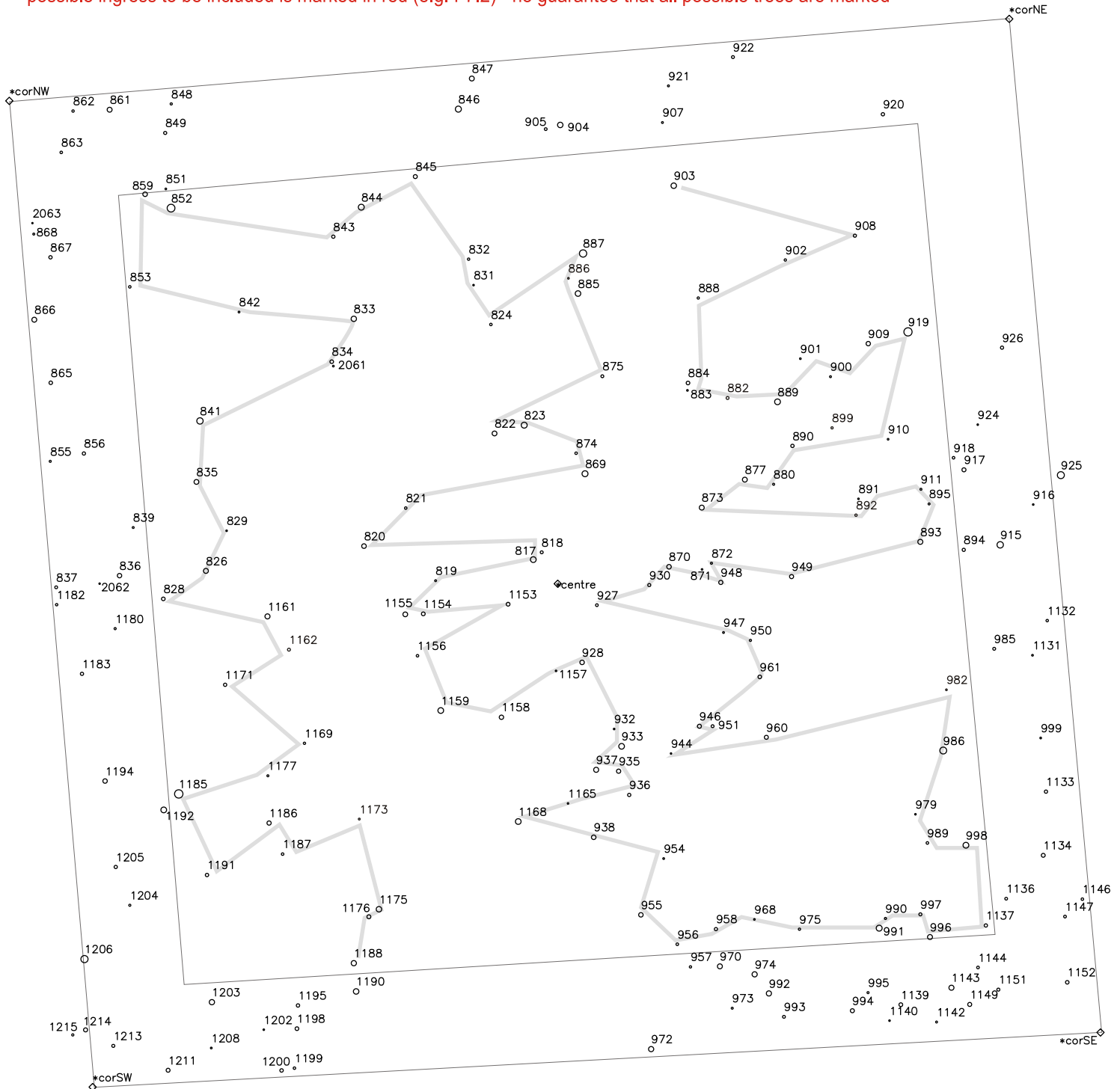
IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 6 - Tag number sequences

817 - 999 & 1131-1215 (original trees)
2061-2063 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot6Fall2003
(x,y,r=40,35,80)

Total Inline: 17.3 m; Side: 4667.2 m
Declination: 19.0 degrees

Closure: 16.9 m (97.22 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam



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including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

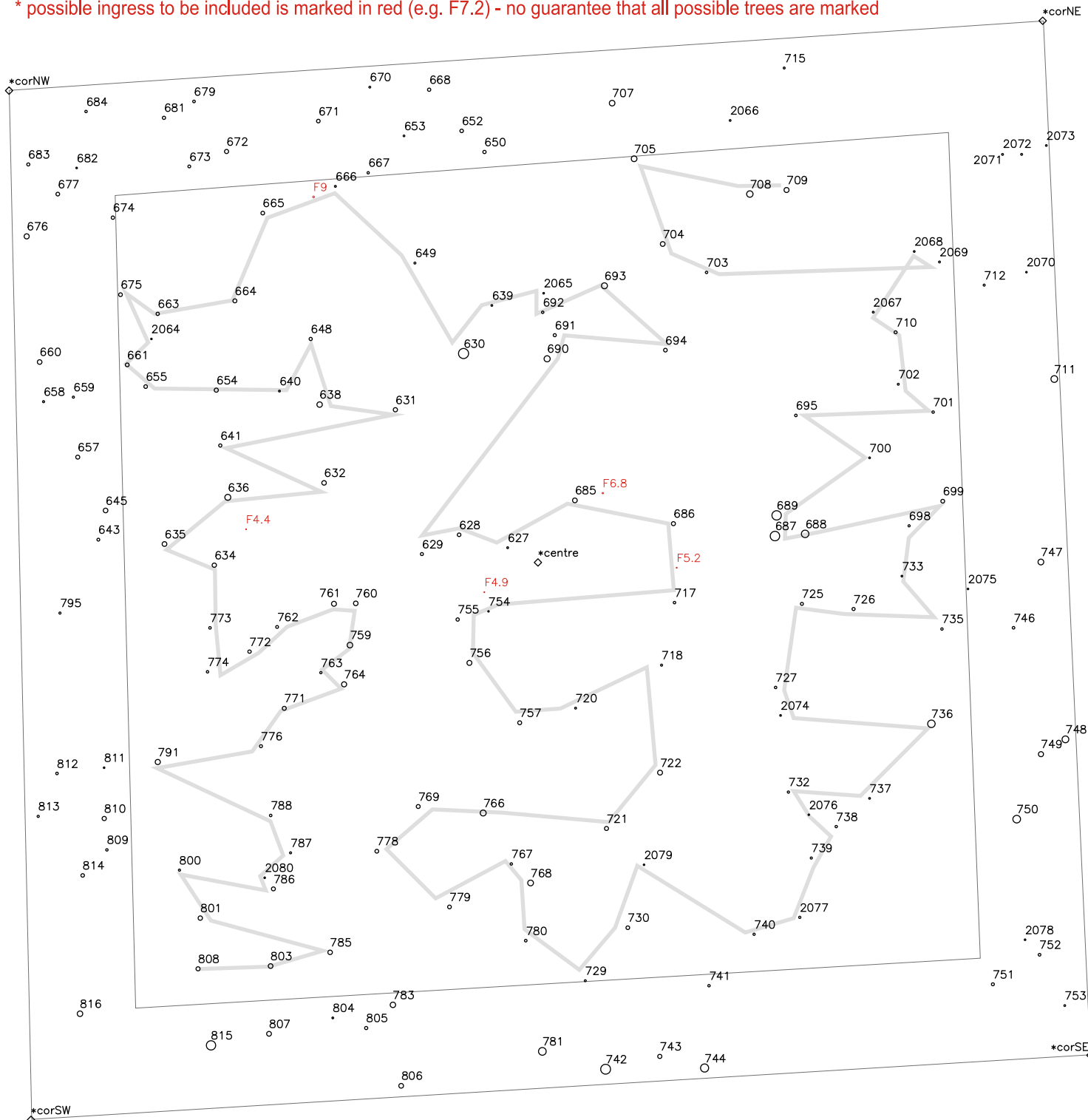
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
* **Species, DBH and condition**
* its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 7 - Tag number sequences

627 - 816 (original trees)

2064 - 2080 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot7-200805

(x,y,r= 40, 50, 80)

Total Inline: 15.1 m; Side: 3028.5 m
Declination: 19.0 degrees

Closure: 13.4 m (88.90 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

EP987.04 - Westwold Stem Maps

including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

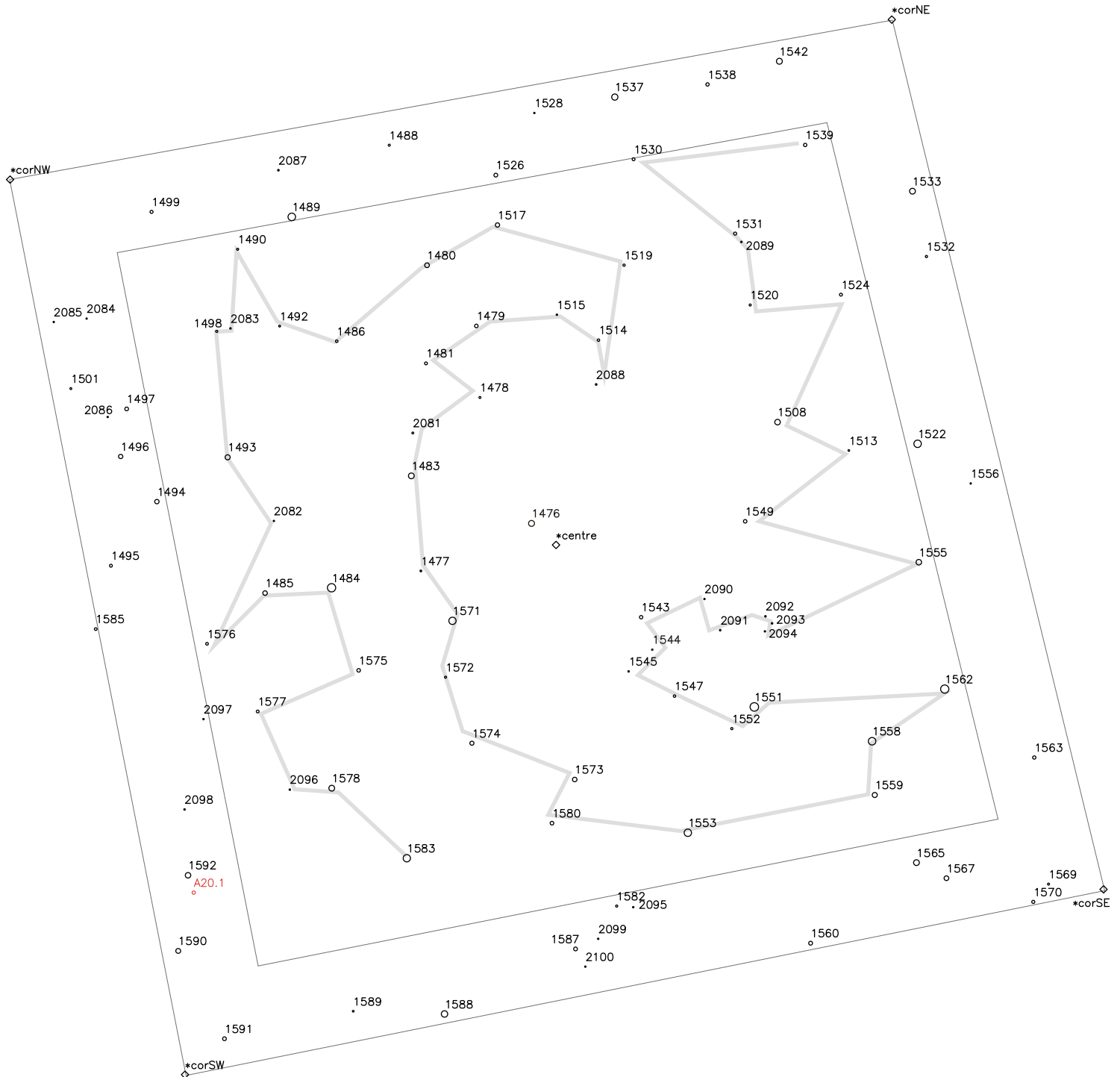
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 8 - Tag number sequences

1476 - 1592 (original trees)

2081 - 2100 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot8Fall2003
(x,y,r=45,55,80)

Total Inline: 17.3 m; Side: 1760.4 m
Declination: 19.0 degrees

Closure: 14.2 m (82.33 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam



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including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

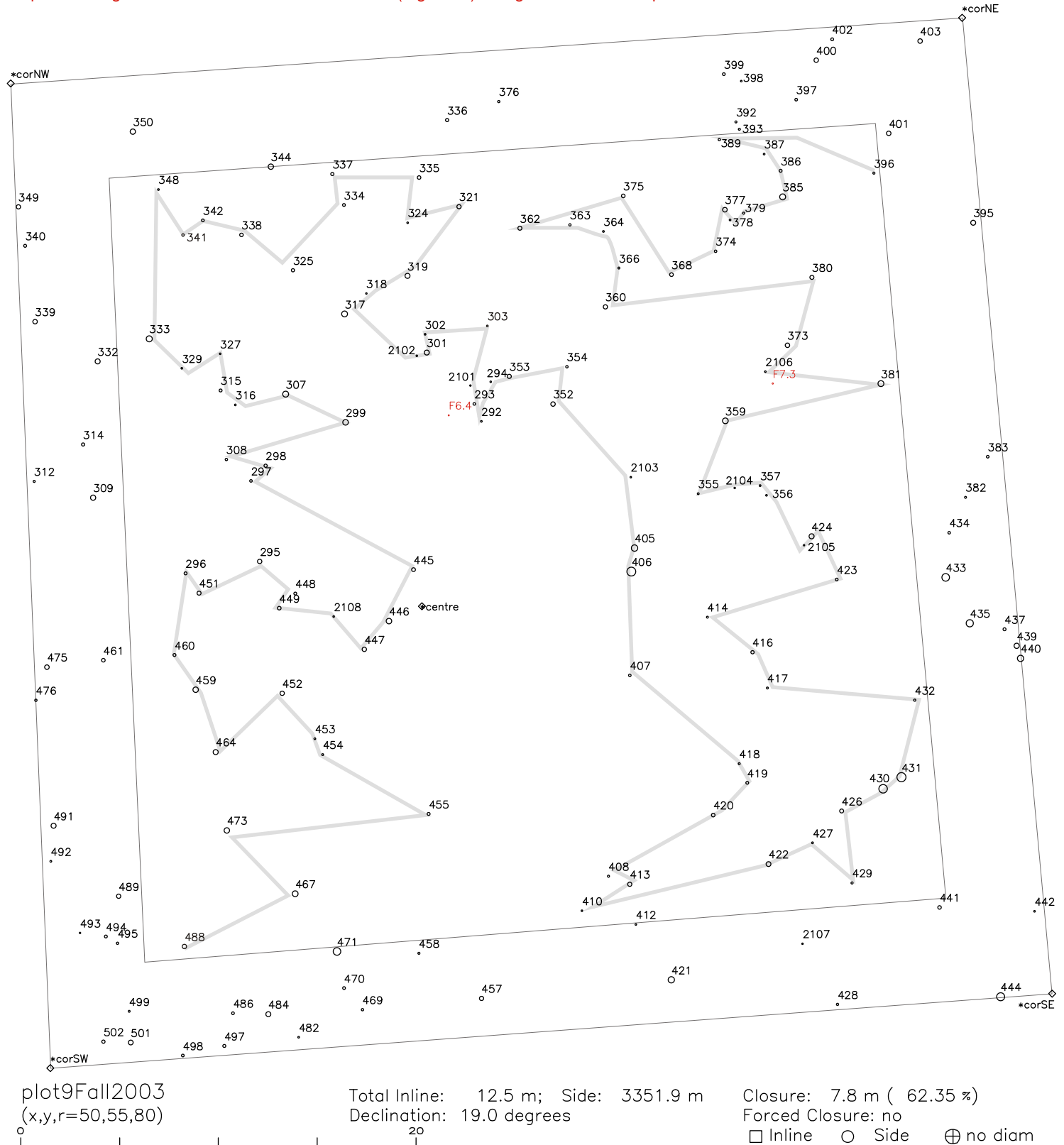
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 9 - Tag number sequences

292 - 502 (original trees)

2101 - 2108 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

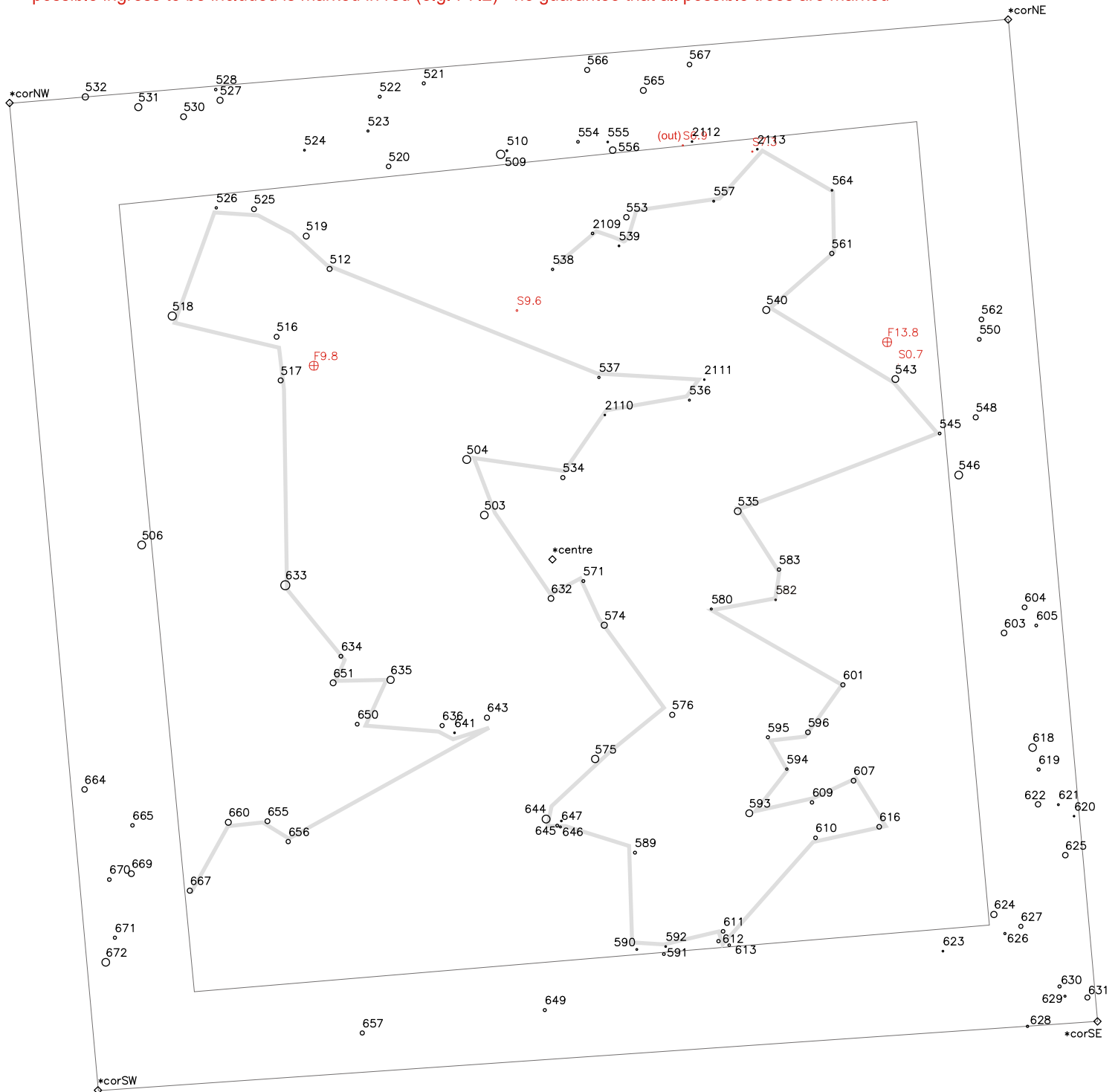
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 10 - Tag number sequences

503 - 672 (original trees)

2109 - 2113 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot10Fall2003
(x,y,r=45,50,80)

Total Inline: 9.1 m; Side: 2812.1 m
Declination: 19.0 degrees

Closure: 8.9 m (98.28 %)
Forced Closure: no
□ Inline ○ Side ⊕ no diam



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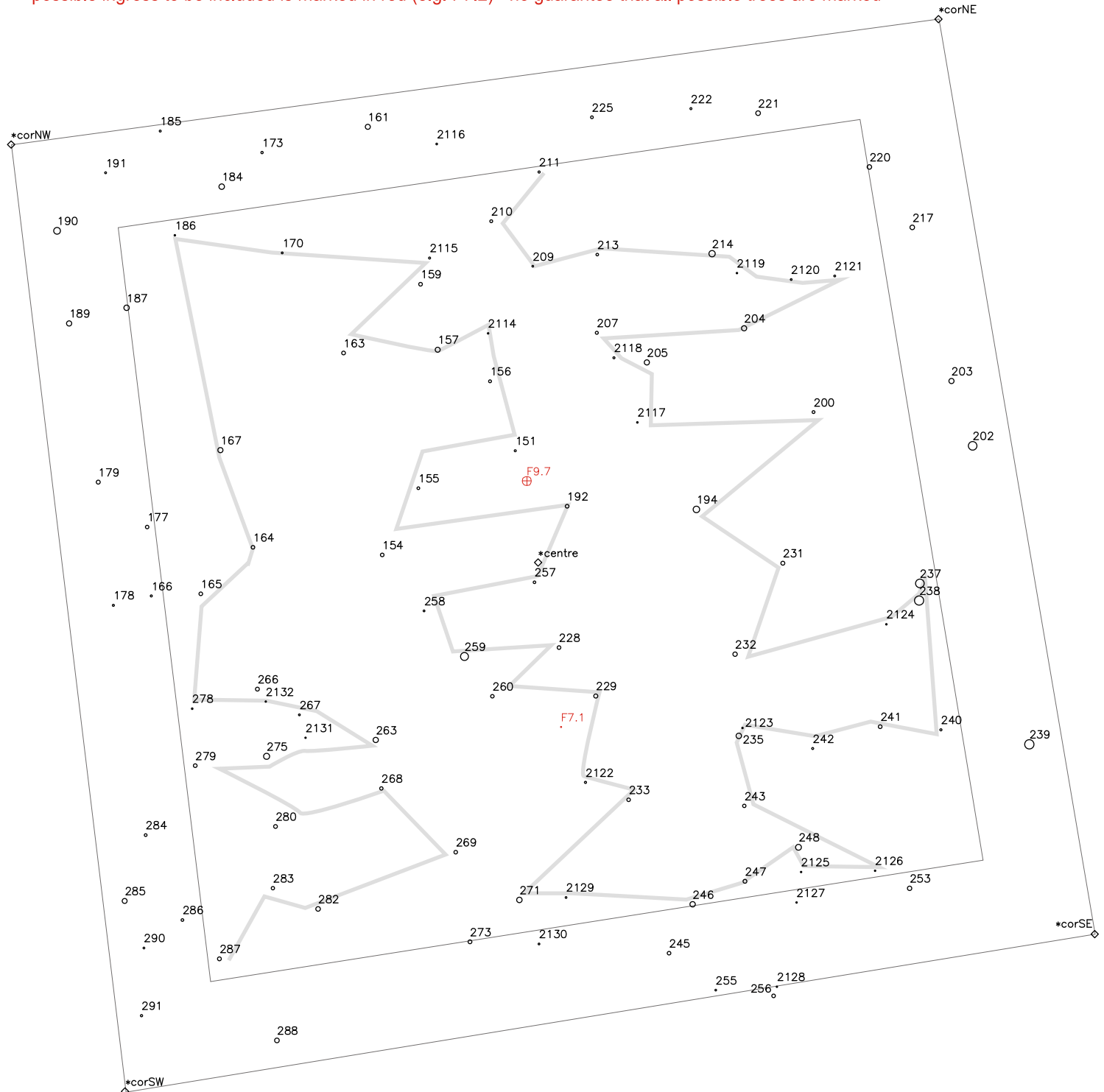
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 11 - Tag number sequences

151 - 291 (original trees)

2114 - 2132 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot11-200805

(x,y,r= 57, 40,

Total Inline: 15.6 m; Side: 2373.9 m
Declination: 19.0 degrees

Closure: 15.1 m (96.84 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

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including Fall 2003 ingress

IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

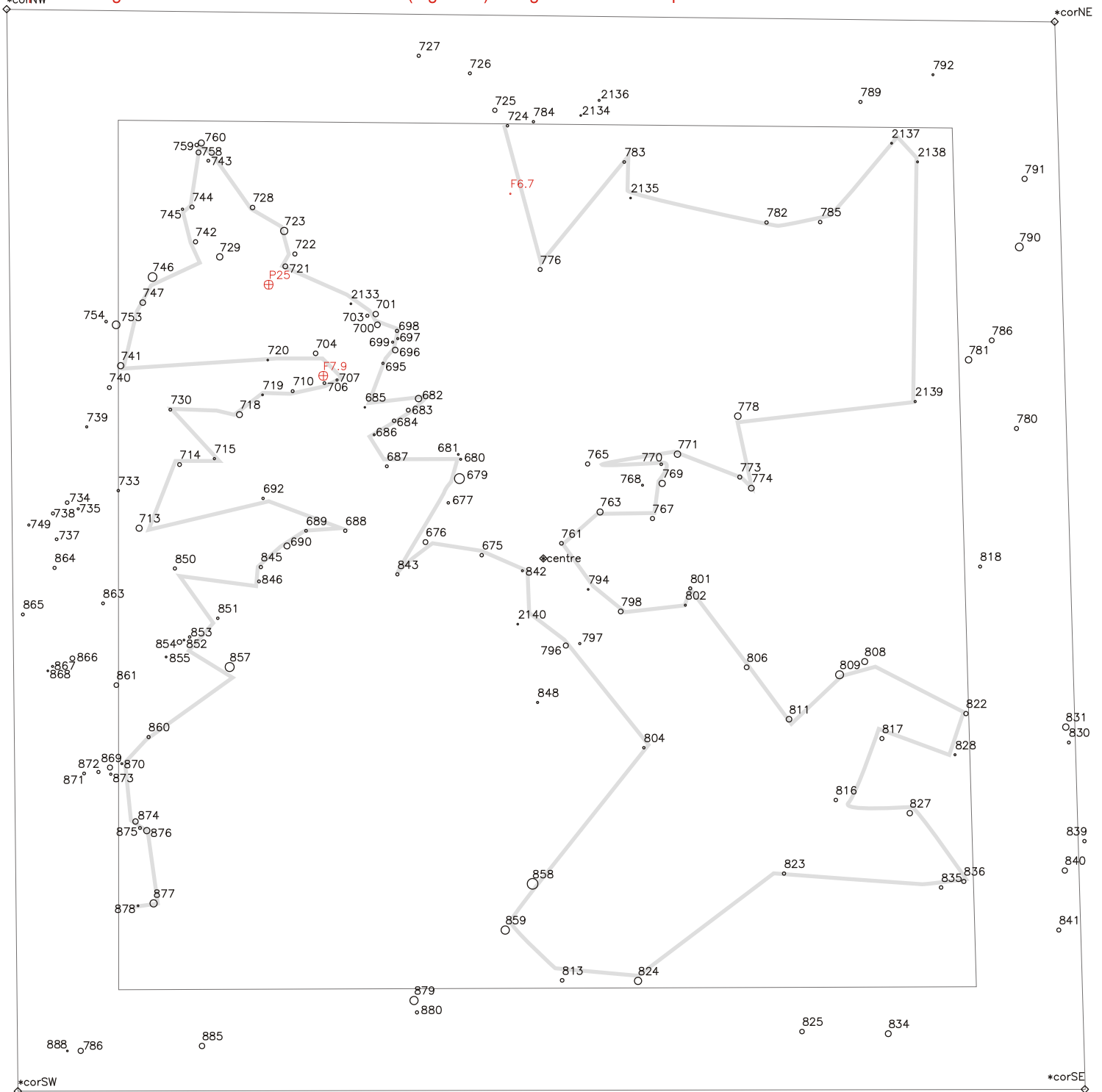
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 12 - Tag number sequences

674 - 887 (original trees)

2133 - 2140 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot12Fall2003

(x,y,r= 50, 60,

Total Inline: 12.6 m; Side: 3105.9 m
Declination: 19.0 degrees

Closure: 0.9 m (7.13 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

including Fall 2003 ingress

- o paint dbh and attach a tag
- DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):

* its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:

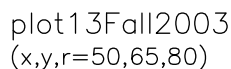
e.g. from tree:1463 Az:214 Dist:2.6

- o if buffer status is uncertain: TAG + MEASURE

1 - 149 (original trees)

2141 - 2157 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



Total Inline: 11.3 m; Side: 2519.0 m
Declination: 19.0 degrees

Closure: 1.2 m (10.63 %)
 Forced Closure: no
☐ Inline ☐ Side ☒ no diam



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including Fall 2003 ingress

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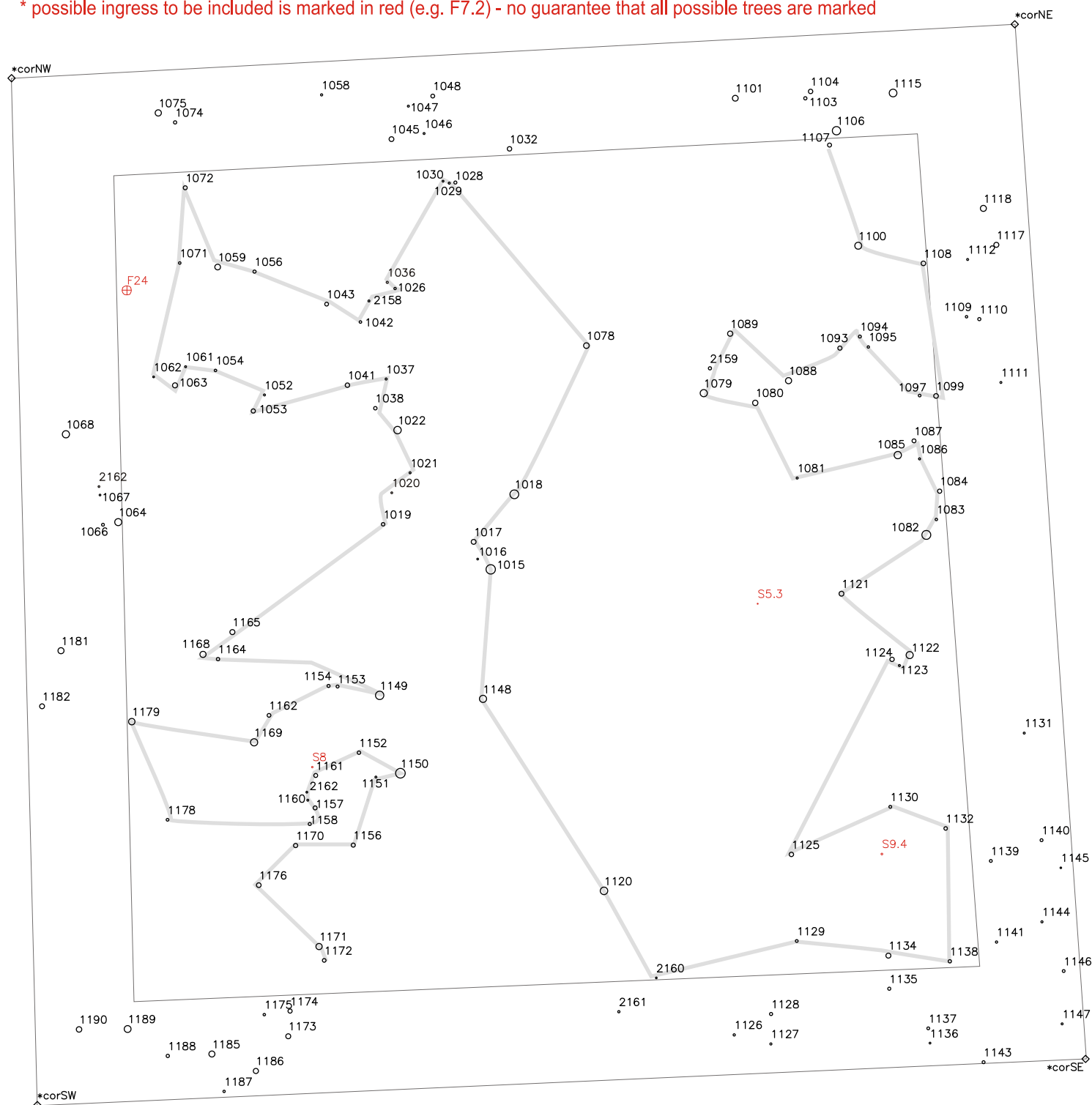
- o paint dbh and attach a tag
- DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 14 - Tag number sequences

1015 - 1190 (original trees)

2158 - 2162 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot14Fall2003

(x,y,r=50,55,80)

Total Inline: 13.3 m; Side: 3285.4 m

Declination: 19.0 degrees

Closure: 7.9 m (59.43 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

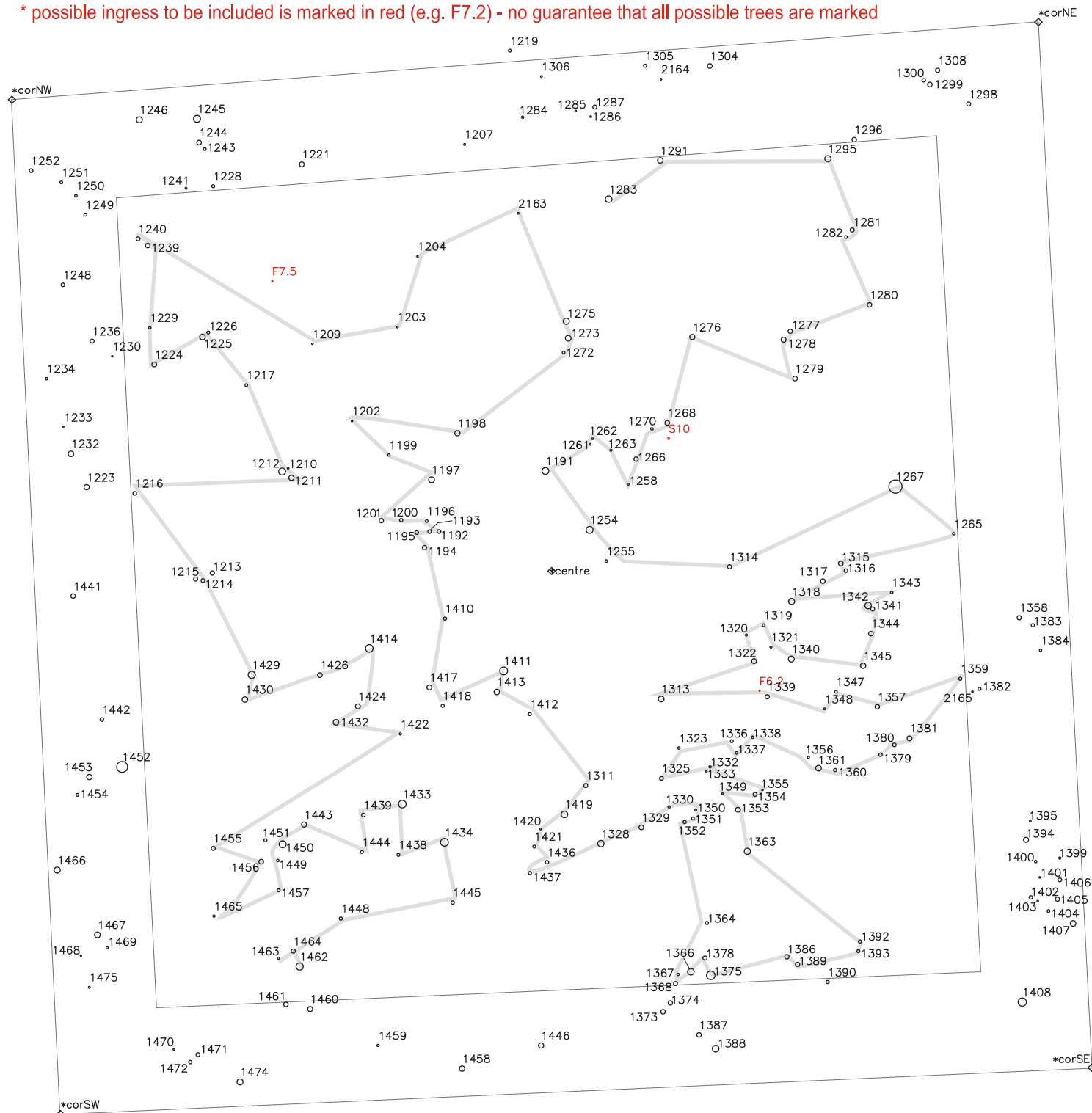
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 15 - Tag number sequences

1191 - 1475 (original trees)

2163 - 2165 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot15Fall2003

(x,y,r= 45, 60,

Total Inline: 10.8 m; Side: 5419.0 m

Declination: 19.0 degrees

Closure: 3.3 m (30.20 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

including Fall 2003 ingress

- o paint dbh and attach a tag
- DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):

* its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:

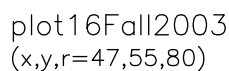
e.g. from tree:1463 Az:214 Dist:2.6

- o if buffer status is uncertain: TAG + MEASURE

1593 - 1789 (original trees)

2166 - 2174 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



Total Inline: 7.5 m; Side: 3059.4 m
Declination: 19.0 degrees

Closure: 7.4 m (99.13 %)
 Forced Closure: no
☐ Inline ☐ Side ☒ no diam



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including Fall 2003 ingress

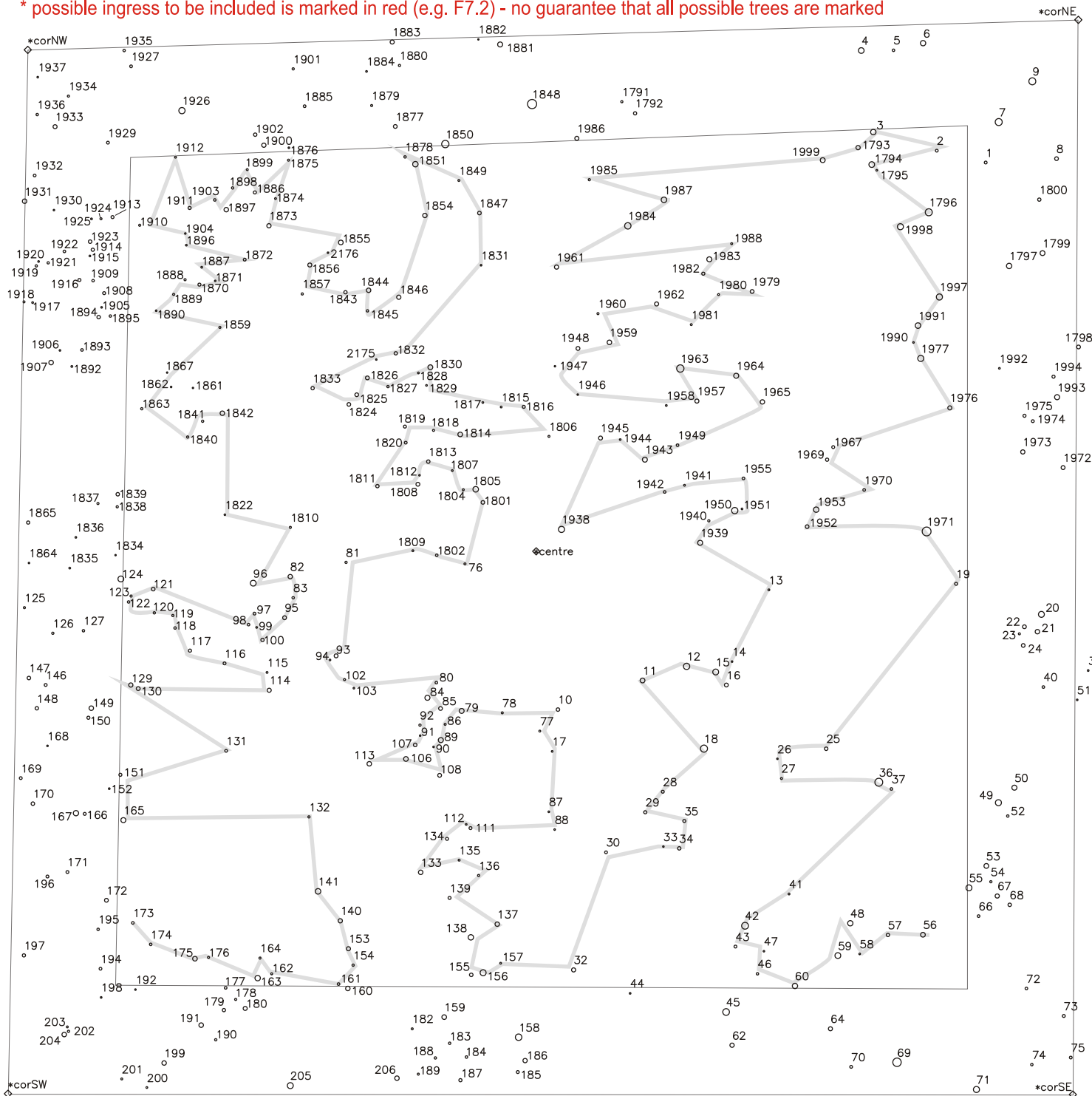
IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 18 - Tag number sequences

1 - 206, 1790 - 1999 (original trees)
2175 - 2176 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot18Fall2003

(x,y,r= 35, 85,

Total Inline: 97.2 m; Side: 4475.0 m
Declination: 19.0 degrees

Closure: 16.3 m (16.78 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

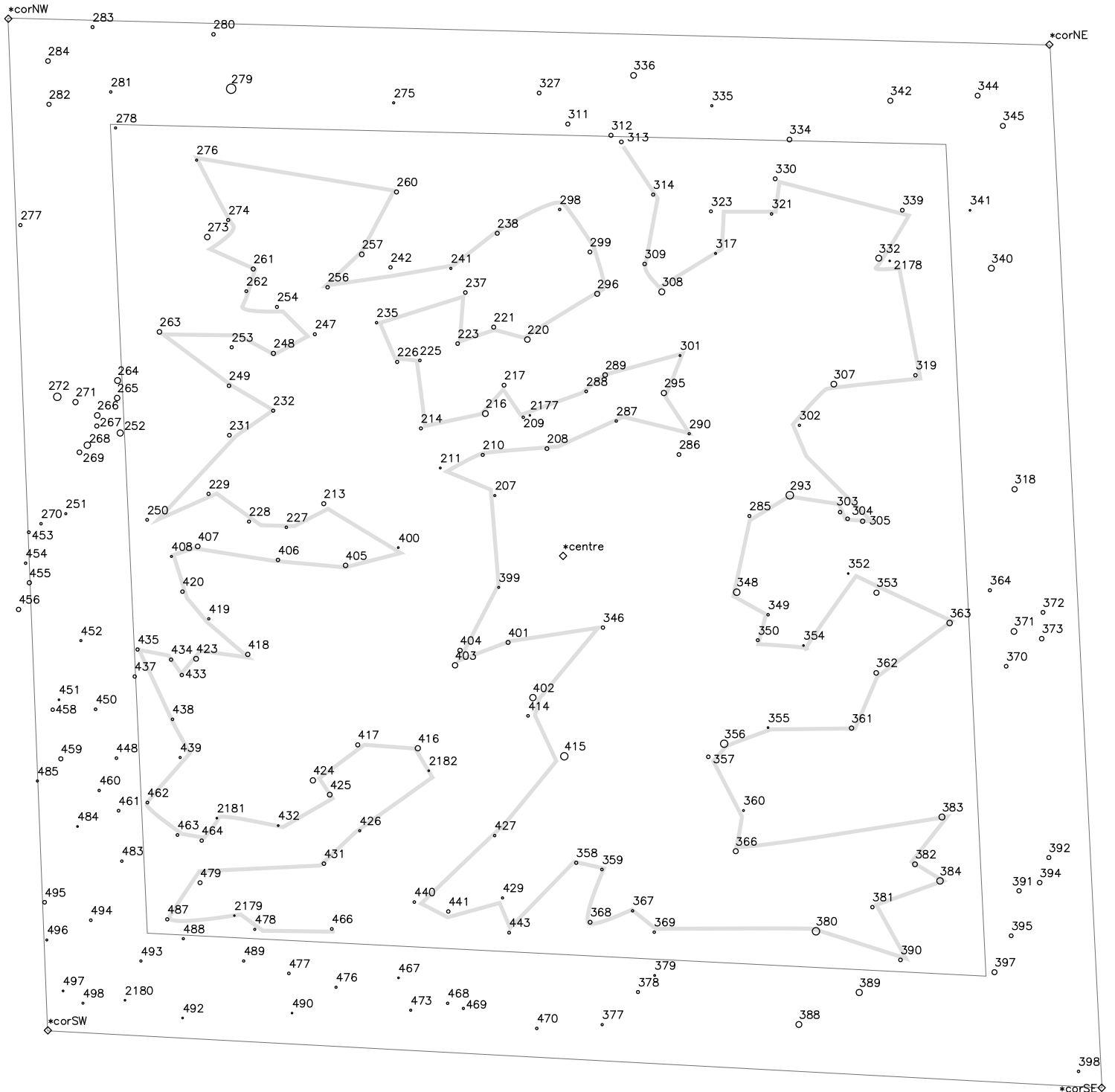
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 19 - Tag number sequences

207 - 498 (original trees)

2177 - 2182 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot19Fall2003
(x,y,r=53,55,80)

Total Inline: 9.5 m; Side: 4503.0 m
Declination: 19.0 degrees

Closure: 7.5 m (79.39 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

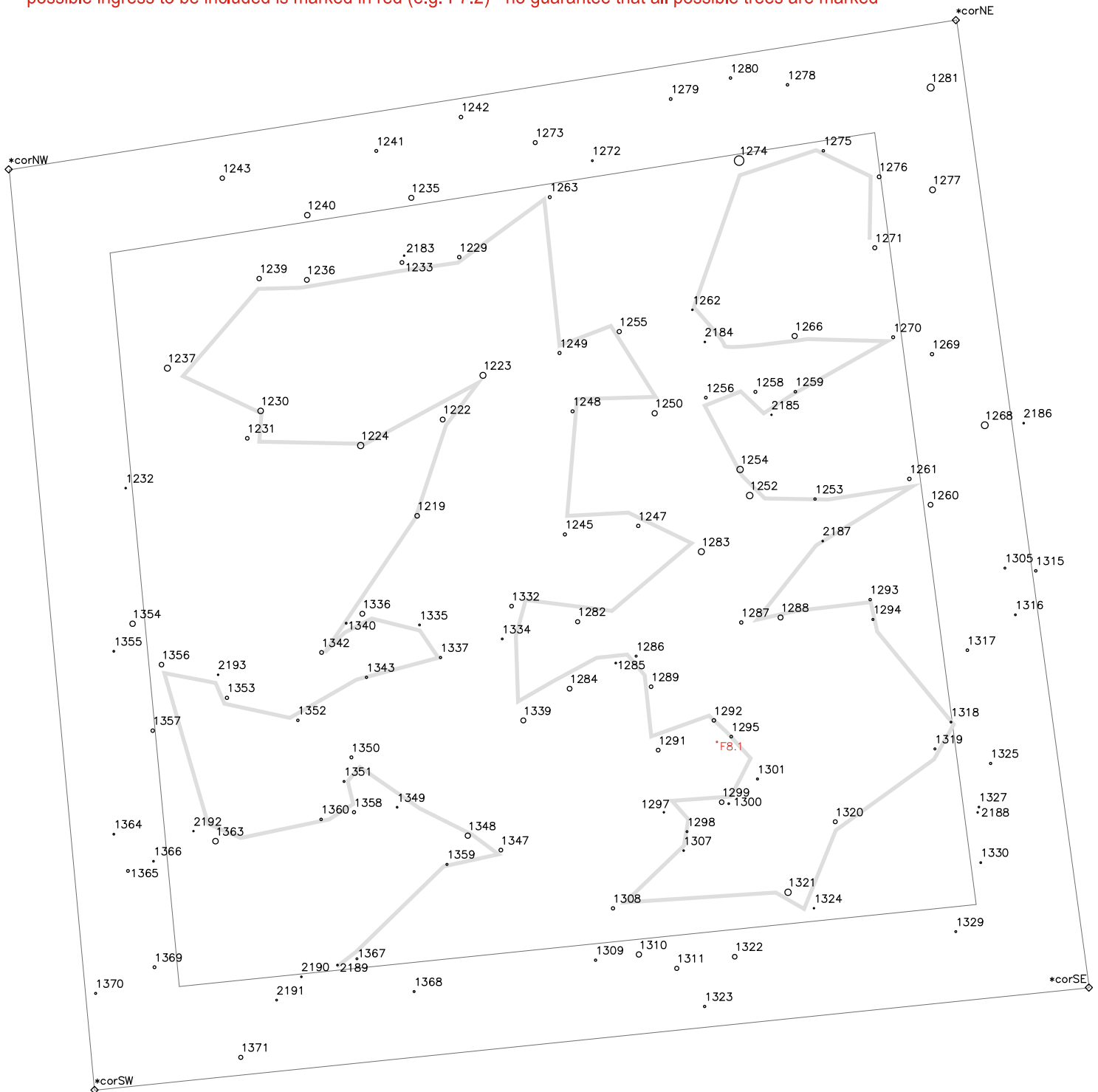
- o paint dbh and attach a tag
- o DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 22 - Tag number sequences

1218 - 1371 (original trees)

2183 - 2193 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked



plot22Fall2003
(x,y,r=50,60,80)

Total Inline: 19.2 m; Side: 2588.0 m
Declination: 19.0 degrees

Closure: 14.0 m (73.17 %)

Forced Closure: no

□ Inline ○ Side ⊕ no diam

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IMPORTANT: identify and measure any untagged TEST trees* where current DBH = 7.5 cm or greater:

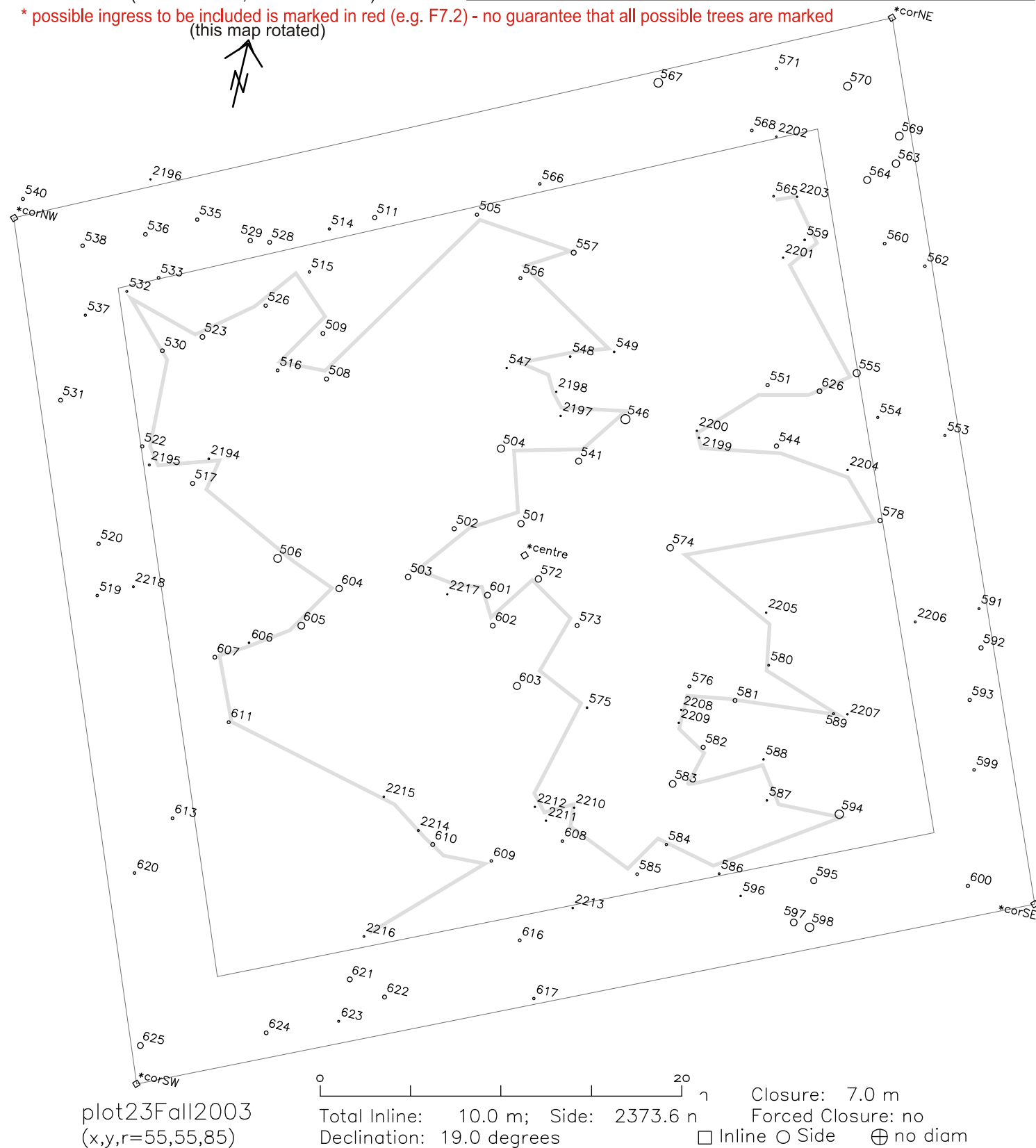
- o paint dbh and attach a tag
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

Plot 23 - Tag number sequences

501 - 626 (original trees)

2194 - 2218 (smaller trees, added in 2003)

* possible ingress to be included is marked in red (e.g. F7.2) - no guarantee that all possible trees are marked
(this map rotated)



including Fall 2003 ingress

- o paint dbh and attach a tag
DO NOT DUPLICATE NUMBERS WITHIN A PLOT
- o measure and record (paper records are OK):
 - * **Species, DBH and condition**
 - * its **LOCATION** in relation to the nearest previously identified tree, adding details in REMARKS:
e.g. **from tree:1463 Az:214 Dist:2.6**
- o if buffer status is uncertain: TAG + MEASURE

2219 - 2246 (smaller trees, added in 2003)

Closure: 19.1 m (58.99 %)
 Forced Closure: no
☐ Inline ☐ Side ☒ no diam

