

Tansy aphid collecting sites in and around Jena – 2006/7

(MA = *macrosiphoniella tanacetarium*; ME = *Metopeurum fuscoviride*)

Each degree of longitude is sub-divided into 60 [minutes](#), each of which divided into 60 [seconds](#). A longitude is thus specified in [sexagesimal](#) notation as 23° 27' 30" E. For higher precision, the seconds are specified with a [decimal fraction](#). An alternative representation uses degrees and minutes, where parts of a minute are expressed in decimal notation with a fraction, thus: 23° 27.500' E. Degrees may also be expressed as a decimal fraction: 23.45833° E. (<http://en.wikipedia.org/wiki/Longitude>)

Example of geographical co-ordinates: 50°, 35', 45" North = 50.58750

See: http://www.geoco.org/england/Dundee/en_56.5_-2.97.php

2006 Sites sampled by Rose = A, B, C, D, E, G, H, J, M

Site
code Location

A = Camburgerstrasse, near Aldi site (Jena north)
50.94680164121497, 11.60482406616211

B = Camburgerstrasse, near Zeitzer strasse (Jena north)
50.946233830171614, 11.60405158996582

C = Camburgerstrasse, near Imaginata (Jena north)
50.94420587697032, 11.603665351867675)

D = (as below)

G = Winzerler strasse, near Beutenberg Campus (Jena south)
50.906361572601135, 11.567058563232421)

H = Near Winzergasse, (Triesnitz), Rudolstadter strasse (Jena south)
50.88933648039025, 11.585168838500976

J = Fachhochschule (Jena west)
50.91967415856098, 11.565299034118652)

M = (as below)

2007 sites sampled by Rose, Hugh, Nicola and Franklin

AA1 Sports stadium near strassenbahn station (Jena, oberraue)
50.91475002784834, 11.587228775024414

- AA2** Further south, exercise, just where tram goes off to Burgau (MA and ME)
50.91079952435654, 11.586155891418457
- BB** By 'TB Jena' cement factory on way to Kunitz. An extended plant (genet with lots of ramets) on right of entrance by factory gates. Samples BB1a-h, separated maximally about 1 m apart. (MA only)
50.956318203418895, 11.630187034606933)
- D(& DD)** Along cycle path and strassenbahn track at Burgaupark – Jena south (ME and MA)
50.90257274242966, 11.586241722106933
- E** Am Flutgraben (Jena north) (ME)
50.95856188163151, 11.626324653625488
- F** Near Reifsteinweg, Burgau Park
50.89881067027647, 11.590533256530761
- IoE** Institute of Ecology, Dornburger Strasse (Jena north)
50.94636902390625, 11.598215103149414
- K1** Göswitz, near school – Jena south
50.88156620648217, 11.5925931930542)
- K2** Göswitz bahnhof
50.883867642194914, 11.593923568725586
- L** Jena West Bahnhof (Jena west)
50.92340749276669, 11.578946113586425
- M** Wild area right of Jena Experimental ground, north Jena, near River Saale. Samples M1a-e; M2a about 2.5 m apart. (ME only)
50.949775776224484, 11.6255521774292
- R** Humboldt Haus, Charlottenstrasse, Jena Ost (plants R1-8; R1a and b – different stems of same plant) Jena Ost (ME and MA)
50.93265837776029, 11.600790023803711
- S** Adriagrille, small meadow near Charlottenstrasse, Jena Ost
50.934064783941416, 11.59731388092041
- T** Saal bahnhof yard on eastern side (wasteland) (ME and MA) Jena near centrum
50.93695860132752, 11.594953536987304

- U** Garage along Stedter Strasse (1) and plant along street (2)
– Jena heading north (ME and MA)
50.938337834095684, 11.5960693359375)
- V** Patch near OBI; Stedter Strasse, but further down
– Jena heading north (ME and AA)
50.94036604326339, 11.599674224853515
- W** Two fields close to Aldi, near Camburger Strasse
– north Jena (ME)
50.94782909118722, 11.604394912719726
- X** Porstendorf, wasteland near old railway signal box not far
from Bahnhof, opposite Bulgarian restaurant (ME and MA)
50.977318035585284, 11.645679473876953)
- Y** Dornburg Bahnhof, Y1-3 on wasteland along railway track
nearby sharp bend in road; Y4-5 – marshalling yard near
station (ME and MA and *Uroleucon* sp.)
51.00800340838849, 11.674089431762695