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# Woburn Soil Maps and Legends

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## Legend - Update 2017

**Chris Watts**

Chris Watts (2015) *Legend - Update 2017* ; Woburn Soil Maps And Legends, pp 3 - 4

## Woburn Experimental Farm Soil Series Revised legend 2017

| Sub-group code | Map Legend | Series Name |                 | Broad description | Approximate texture range    | Major Soil Group         | Soil Group              |
|----------------|------------|-------------|-----------------|-------------------|------------------------------|--------------------------|-------------------------|
|                |            | Old name    | Current name    |                   |                              |                          |                         |
| 5.51           | C          | Cottenham   | Cottenham       | Light             | sand to loam sand            | Brown Soils              | Brown Sands             |
| 5.47           | S          | Stackyard   | <b>Lowlands</b> | Light             | Loamy sand to sand loam      | Brown Soils              | Brown earths            |
| 5.46           | F          | Flitwick    | Flitwick        | Light             | Loamy sand to sand loam      | Brown Soils              | Brown earths            |
| 7.11           | H          | Husbourne   | <b>Beccles</b>  | Heavy             | Loam to sandy clay loam      | Surface water Gley Soils | Stagnogley soils        |
| 7.11           | Hs         | Husbourne   | <b>Beccles</b>  | Heavy             | Loam to sandy clay loam      | Surface water Gley Soils | Stagnogley soils        |
| 7.11           | P          | Pightle     | <b>Beccles</b>  | Heavy             | Loam to sandy clay loam      | Surface water Gley Soils | Stagnogley soils        |
| 8.11           | R          | Ridgmont    | <b>Enborne</b>  | Medium            | Loam to sandy clay loam      | Ground water Gley soils  | Alluvial gley soils     |
| 8.11           | Ri         | Ridgmont    | <b>Enborne</b>  | Medium            | Loam to sandy clay loam      | Ground water Gley soils  | Alluvial gley soils     |
| 5.11           | Ro         | Rowsham     | <b>Bardsey</b>  | Heavy             | Silty clay loam to clay loam | Brown Soils              | Brown calcareous earths |
| 4.11           | E          | Evesham     | Evesham         | Heavy             | clay to clay loam            | Pelosol                  | Calcareous pelosol      |
| 8.11           | W          | Woburn      | <b>Eversley</b> | Heavy             | Silty clay loam to clay loam | Ground water Gley soils  | Alluvial gley soils     |

\* Avery, B.W. 1980. Soil classification for England & Wales (Higher categories). Soil Survey, Tech Monograph 14.

Prepared by Dr Chris Watts, 2017 Based on original soil series map prepared by Professor John Catt

| Soil Sub-group                  | Series Description                                                            | Approximate correlation at soil group level with US and FAO systems * |                              |
|---------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------|
|                                 |                                                                               | US                                                                    | FAO                          |
| typical brown sands             | ferruginous medium or coarse sandy material passing to sand or soft sandstone | Udipsamments                                                          | Cambic and Luvis Arenosols   |
| colluvium brown earth           | light loamy non-calcareous colluvium                                          | Dystrochrepts                                                         | Dystric and Eutric Cambisols |
| gleyic ferritic brown earths    | ferruginous light loamy drift with siliceous stones                           | Dystrochrepts                                                         | Dystric and Eutric Cambisols |
| typical stagnogley soils        | medium loamy over clayey chalky drift                                         | Haplaqualfs, Albaqualfs,                                              | Gleyic Luvisol               |
| typical stagnogley soils        | medium loamy over clayey chalky drift (shallow phase)                         | Haplaqualfs, Albaqualfs,                                              | Gleyic Luvisol               |
| typical stagnogley soils        | medium loamy over clayey chalky drift                                         | Haplaqualfs, Albaqualfs,                                              | Gleyic Luvisol               |
| typical alluvial gley soils     | medium loamy river alluvium                                                   | Fluvaquents                                                           | Fluvisol                     |
| typical alluvial gley soils     | medium loamy river alluvium                                                   | Fluvaquents                                                           | Fluvisol                     |
| typical brown calcarious earths | medium loamy material over calcareous gravel                                  | Eutrochrepts                                                          | Calcic Cambisols             |
| typical calcareous              | swelling clayey material passing to clay or soft mudstone                     | Eutrochrepts, Haplaquepts                                             | Gleyic and Calcic Cambisols  |
| typical alluvial gley soils     | light loamy river alluvium                                                    | Fluvaquents                                                           | Fluvisol                     |