ROTHAMSTED RESEARCH

Woburn Soil Maps and Legends

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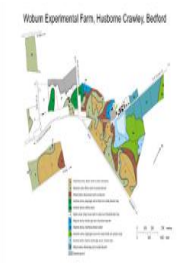
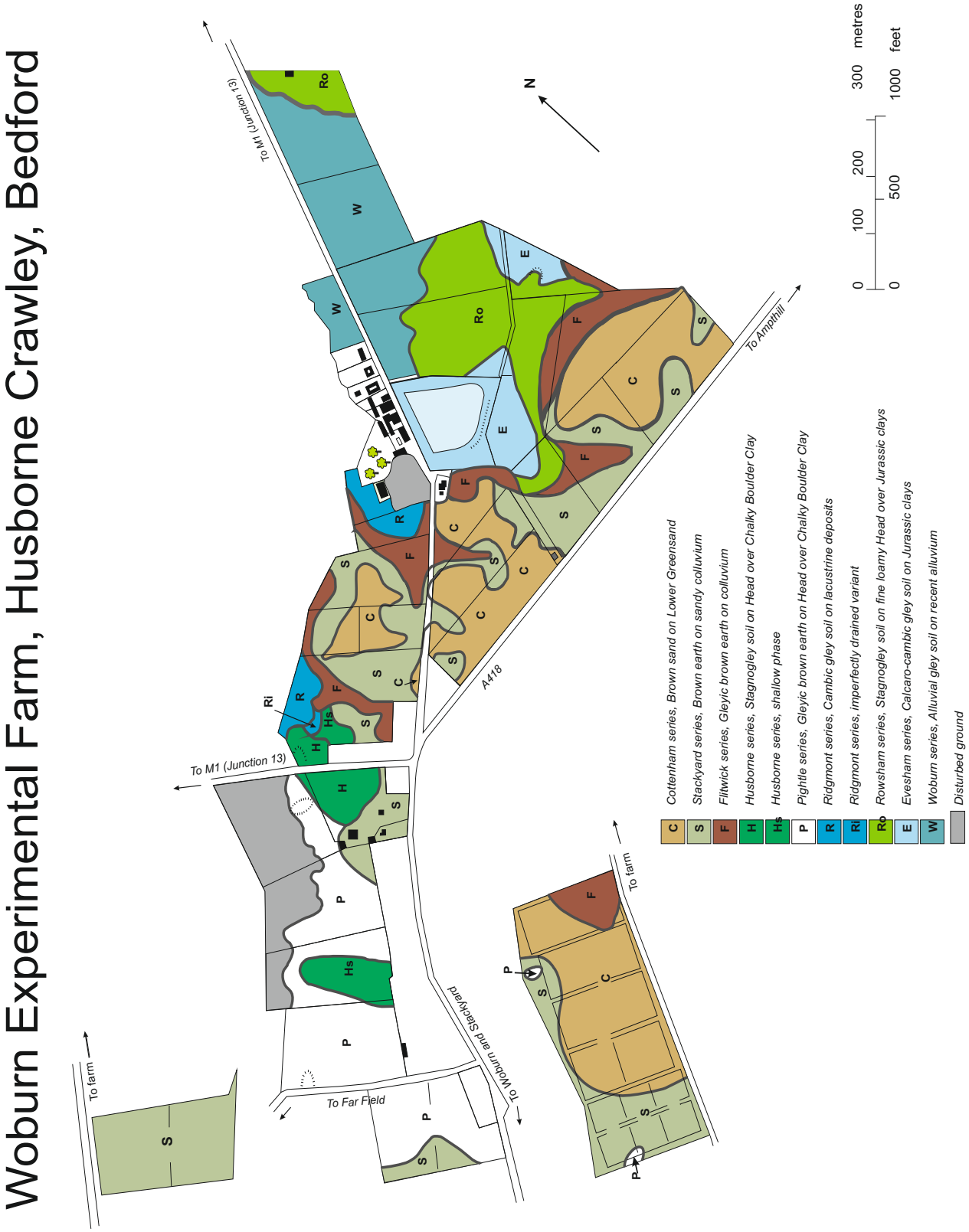
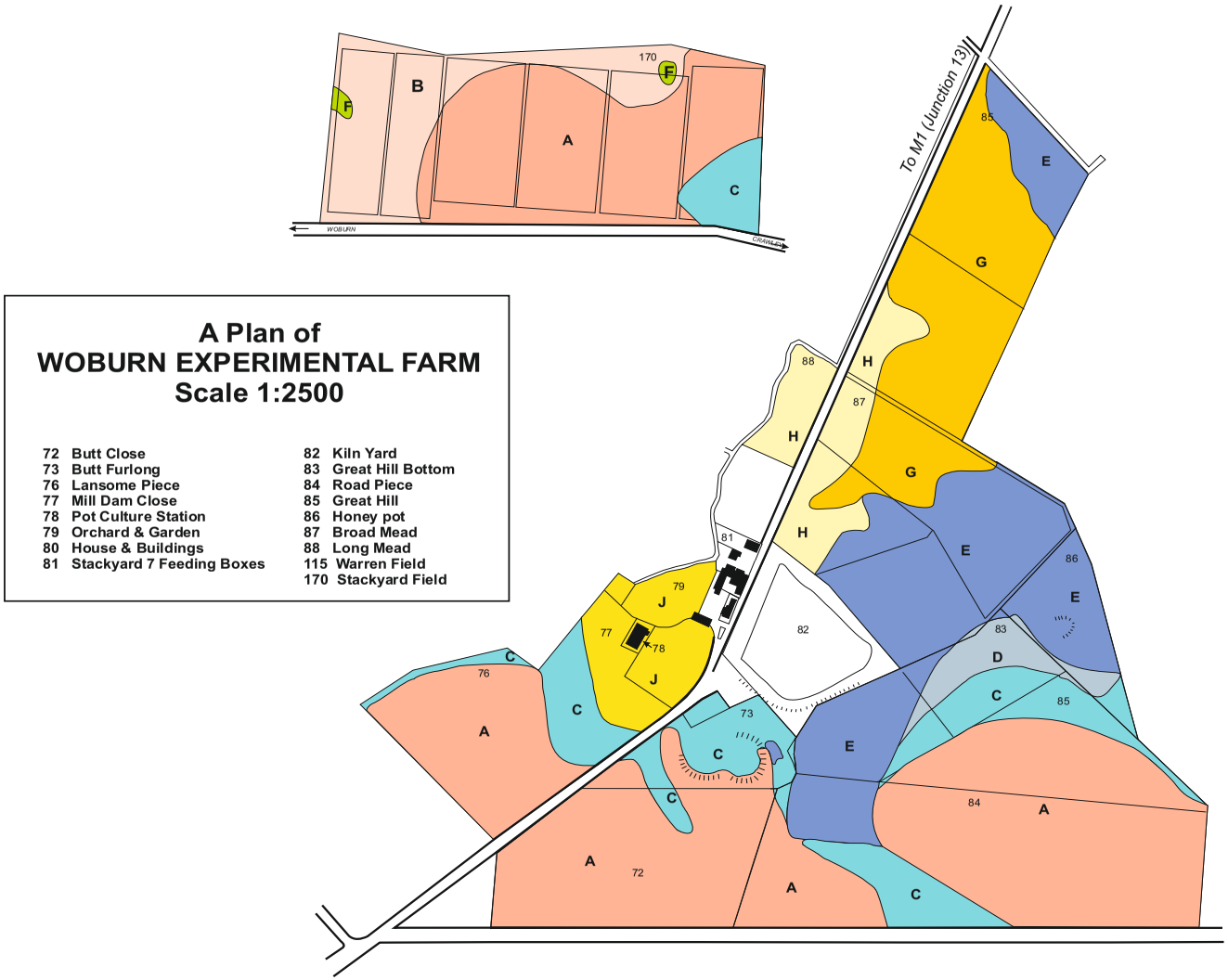


Woburn Farm Maps

Chris Watts

Chris Watts (2015) *Woburn Farm Maps ;* Woburn Soil Maps And Legends, pp 1 - 4





SOILS	SURFACE TEXTURE	SOILS	SURFACE TEXTURE
BROWN EARTHS: On Re-sorted Lower Greensand	Sand to Loamy Sand — A	GLEY SOILS: On Colluvial Lower Greensand / Oxford Clay	LoamySand to Sandy Loam — C
BROWN EARTHS: On Sandy Drift	Loamy Sand to Sandy Loam — B	GLEY SOILS: On Re-worked Lower Greensand & Oxford Clay	Loam to Sandy Clay Loam — D
ALLUVIAL COMPLEXES: Heavy	Silty Clay Loam to Clay Loam — G	GLEY SOILS: On Re-sorted Oxford Clay	Silty Clay Loam to Clay Loam — E
ALLUVIAL COMPLEXES: Light	Loam to Sandy Clay Loam — H	GLEY SOILS: Sandy Drift / Chalky Jurassic Boulder Clay	Loamy sand to Sandy Loam — F
ALLUVIAL COMPLEXES: Undifferentiated & Made Ground	J		

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	**Lowlands**	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	**Beccles**	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
7.11	Hs	Husbourne	**Beccles**	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
7.11	P	Pightle	**Beccles**	Heavy	Loam to sandy clay loam	Surface water Gley Soils	Stagnogley soils
8.11	R	Ridgmont	**Enborne**	Medium	Loam to sandy clay loam	Ground water Gley soils	Alluvial gley soils
8.11	Ri	Ridgmont	**Enborne**	Medium	Loam to sandy clay loam	Ground water Gley soils	Alluvial gley soils
5.11	Ro	Rowsham	**Bardsey**	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	**Eversley**	Heavy	Silty clay loam to clay loam	Ground water Gley soils	Alluvial gley soils

* Avery, B.W. 1980. Soil classification for England &Wales (Higher catagories). 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 Luvic 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 souls	medium loamy river alluvium	Fluvaquents	Fluvisol
typical alluvial gley souls	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 souls	light loamy river alluvium	Fluvaquents	Fluvisol