

APPLE samples - EMR/fruitID - 2016 DNA Scheme - Results Sheet

Stamford Community Orchard Group

This sheet shows the results for the samples submitted (view this page at higher magnification on your screen). The scheme encourages feedback on these findings which should be sent to peter_laws@msn.com as either a specific comment quoting the reference sample number, or as a general comment or question. An issue log will be kept of all responses and publicly held on fruitID.

Sample Number	Org. Acronym	Org. Seq. Number	Site /Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Reference tree Y/N	Participant Comments / Notes	Result	Prliminary Finding	Suggested follow-up action
A104	SCOG	1	Andy Simpson, Little Casterton	No 1	Poss Waltham Abbey Seedling		Samples from original tree, old tree 80 to 100 years in a garden	DB Match	Queen Caroline	Participant may wish to review own fruit samples against fruitID images and characteristics.
A105	SCOG	2	David Ellis, Ryhall	No 4			Samples from original tree, old tree on small side but has large apples	DB Match	Schoolmaster	Participant may wish to review own fruit samples against fruitID images and characteristics.
A106	SCOG	3	Uffington Road Orchard, SCOG	No 13	Poss Nelsons Glory	Y	Original tree was at Bungalow quarry near Casterton	DB Match	MM111	Participant may wish to review own fruit samples against fruitID images and characteristics.
A107	SCOG	4	Uffington Road Orchard, SCOG	No 8	Poss Hoggs Schoolmaster	Y	Original tree still at Tinwell Road	DB Match	Lord Derby (or a sport of it)	Participant may wish to review own fruit samples against fruitID images and characteristics.
A108	SCOG	5	Uffington Road Allotment H65	No 1			Samples from original tree	Unique	No match found	As no other match, consider further research and local naming
A109	SCOG	6	Uffington Road Orchard, SCOG	No 19		Y	Original tree gone, was in plot H64 at Uffington road Allotments	Unique	No match found	As no other match, consider further research and local naming
A110	SCOG	7	St Clements Allotments Stamford	Gdn No 3	Poss Glory of England		Samples from original tree, old tree contemporary with opening of Allotment 1920	DB Match	Withington_Fillbasket	Participant may wish to review own fruit samples against fruitID images and characteristics.
A111	SCOG	8	Upton church Field	No 1			Samples from original tree, old tree 100 years near to an old Medlar	DB Match	Tower of Glamis see notes	Participant may wish to review own fruit samples against fruitID images and characteristics.

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A112	SCOG	9	Helpston Heath Farm	No 1			Samples from original tree, old tree stands next to a Pear Tree	DB Match	Dummellor's Seedling syn. Dumelows Seedling	Participant may wish to review own fruit samples against fruitID images and characteristics.
A113	SCOG	10	10 Bainton Road, Barnack	No 1			Original tree at Bungalow Casterton Quarry. Samples came from a Graft on a Catshead	Unique	No match found	As no other match, consider further research and local naming
A114	SCOG	11	10 Bainton Road, Barnack	No 1		Y	Original tree at The Bothy, Burghley Park Walled Garden	DB Match	Schoolmaster	Participant may wish to review own fruit samples against fruitID images and characteristics.
A115	SCOG	12	10 Bainton Road, Barnack	No 1		Y	Original tree at Barrowden Old Rectory now gone	DB Match	Edward VII	Participant may wish to review own fruit samples against fruitID images and characteristics.
A116	SCOG	13	The Dairy Farm Burghley Park	No 3	Poss Winter Hawthornden		Very old tree	Unique	No match found	As no other match, consider further research and local naming. Note Winter Hawthornden is synonym of Dummellor's Seedling but this sample did not match.
A117	SCOG	14	Church Farm Gonerby	No 1			Samples from my tree, Original tree at site of old Windmill	Unique	No match found	As no other match, consider further research and local naming
A118	SCOG	15	Dr Manns Garden Ketton	No1	Pearmain		Samples from a graft on my Golden Noble	DB Match	Hanwell_Souring	Participant may wish to review own fruit samples against fruitID images and characteristics.
A119	SCOG	16	Church Farm Gonerby	No 2			Samples from my tree, Original tree at site of old Windmill	DB Match	Malster	Participant may wish to review own fruit samples against fruitID images and characteristics. Update fruitID with Maltster name.
A120	SCOG	17	Barrowden Field Orchard	No 2	Poss Old King of Pippins		Samples from original tree, very old tree, 3 of these with 2 Dumellows and 8 Bramleys	DB Match	Unresolved	
A121	SCOG	18	Tim Gilbert, Laxton Village	No 1			Samples from original tree Duel Purpose, Old tree 80 to 100 years	Unique	No match found	As no other match, consider further research and local naming
A122	SCOG	19	C, Young, Duddington	No 1			Samples from original tree, very old tree over 100 years	DB Match	Cockpit	Participant may wish to review own fruit samples against fruitID images and characteristics.
A123	SCOG	20	Uffington Road Orchard, SCOG	No 18		Y	Original tree at Essendine School very old tree possibly Triploid Large Yellow apple	Unique	No match found	As no other match, consider further research and local naming

Accession Name	Ploidy	Result	CH04c07	CH01h10	CH01h01	H02c07	CH01f02	CH01f03b	GD12	GD147	CH04e05	CH02d08	CH02c11	CH02c09	Matching Fingerprints	NFC Notes
A104	2n	DB Match	96 110 - -	96 101 - -	129 - - -	106 116 - -	168 205 - -	162 170 - -	138 150 - -	137 - - -	173 200 - -	224 254 - -	213 215 - -	256 - - -	TVm169_Winter Peach NFC_22_25_Queen_Caroline_012_F06.fsa	
A105	2n	DB Match	112 133 - -	96 - - -	117 121 - -	116 - - -	168 207 - -	136 158 - -	148 153 - -	131 152 - -	173 222 - -	254 - - -	205 - - -	242 244 - -	NFC_44_113_Schoolmaster_015H01.fsa	
A106	2n	DB Match	106 110 - -	88 101 - -	103 117 - -	114 116 - -	180 186 - -	170 178 - -	148 - - -	137 143 - -	173 220 - -	210 - - -	205 - - -	232 244 - -	NFC_25_89_MM111_007_D07.fsa	
A107	2n	DB Match	104 112 - -	96 - - -	129 - - -	116 118 - -	186 205 - -	136 - - -	148 - - -	137 - - -	196 200 - -	224 254 - -	215 231 - -	232 248 - -	NFC_24_33_Lord_Derby_spur_type_007_D11.fsa NFC_24_31_Lord_Derby_005_C11.fsa NFC_AO_2_13_008_D04.fsa	NFC accessions are Lord Derby or sports of (Obs Plot sample accessed as Harvest Lemon)
A108	2n	Unique	94 108 - -	96 - - -	111 119 - -	114 118 - -	172 205 - -	178 - - -	148 - - -	131 139 - -	173 222 - -	210 254 - -	217 221 - -	238 256 - -		
A109	4n	Unique	94 106 112 -	88 96 - -	113 127 129 -	106 116 150 -	178 180 182 188	158 178 - -	148 - - -	137 143 - -	173 196 - -	228 250 254 -	215 221 225 227	238 242 248 256		
A110	3n	DB Match	110 112 118 -	96 - - -	113 115 - -	110 116 122 -	178 180 - -	136 170 - -	148 160 182 -	137 139 150 -	196 200 220 -	224 228 254 -	215 217 225 -	244 256 - -	NFC_23_15_Withington_Fillbasket_002_A08.fsa	
A111	3n	DB Match	94 110 112 -	88 96 - -	115 117 129 -	106 116 118 -	178 186 205 -	160 170 - -	148 - - -	131 137 141 -	173 196 208 -	210 224 228 -	215 217 225 -	232 240 244 -	NFC_20_07_Earl_Cowper_014_G12.fsa	Note: This also matches 47_101_Tower_of_Glamis_005_C09.fsa in the data reported on the NFC and both profiles are missing the allele at 118 in H02C07 - 1976182 (Tower of Glamis [Scott]) has been accepted as true to type and Earl Cowper listed for deaccession as the variety has little provenance

Accession Name	Ploidy	Result	CH04c07	CH01h10	CH01h01	H02c07	CH01f02	CH01f03b	GD12	GD147	CH04e05	CH02d08	CH02c11	CH02c09	Matching Fingerprints	NFC Notes
A112	2n	DB Match	106 112 - -	88 96 - -	115 121 - -	106 116 - -	168 178 - -	158 170 - -	148 153 - -	137 152 - -	173 - - -	254 - - -	205 217 - -	242 244 - -	NFC_45_109_Dumelows_Seeding_008_D04.fsa	
A113	3n	Unique	106 112 - -	88 96 - -	113 119 - -	116 - - -	172 178 182 -	136 170 176 -	138 148 - -	131 139 141 -	173 - - -	210 254 - -	221 227 233 -	248 254 256 -		
A114	2n	DB Match	112 133 - -	96 - - -	117 121 - -	116 - - -	168 207 - -	136 158 - -	148 153 - -	131 152 - -	173 222 - -	254 - - -	205 - - -	242 244 - -	NFC_44_113_Schoolmaster_015H01.fsa	
A115	2n	DB Match	110 112 - -	88 107 - -	115 129 - -	114 150 - -	178 205 - -	136 170 - -	148 - - -	137 152 - -	173 - - -	210 254 - -	217 231 - -	248 - - -	NFC_49_69_Edward_VII_002_A08.fsa	
A116	2n	Unique	94 106 114 -	96 - - -	103 119 - -	116 - - -	178 182 - -	136 170 - -	147 182 - -	131 - - -	173 - - -	254 - - -	213 235 - -	232 254 - -		
A117	2n	Unique	94 112 - -	88 96 - -	113 115 - -	114 116 - -	168 180 - -	158 176 - -	147 148 - -	137 147 - -	173 - - -	228 250 - -	205 227 - -	244 - - -		
A118	3n	DB Match	112 120 - -	96 - - -	127 129 - -	116 118 - -	178 180 203 -	136 156 158 -	148 - - -	137 139 147 -	173 200 208 -	224 254 256 -	225 231 235 -	240 244 248 -	NFC_42_75_Hanwell_Souring_006_C06.fsa	
A119	2n	DB Match	106 118 - -	96 - - -	113 - - -	106 122 - -	178 205 - -	170 - - -	148 182 - -	137 139 - -	173 196 - -	224 228 - -	217 225 - -	242 256 - -	NFC_30_05_Maltster_005_C11.fsa NFC_41_57_Leeders_Perfection_005_C03.fsa	NFC accessions are considered Malster
A120	3n	DB Match	106 112 120 -	88 96 - -	115 129 - -	116 118 - -	178 180 182 -	136 158 160 -	148 - - -	137 139 - -	173 200 216 -	210 228 254 -	205 227 229 -	232 244 254 -	NFC_43_81_Reinette_de_lHopital_007_009.fsa (1947-076)	This had been de-named as the accession arrived as Reinette de l'Hopital but was believed not to be true to type
A121	2n	Unique	106 108 - -	88 96 - -	129 - - -	106 108 - -	182 203 - -	136 170 - -	147 148 - -	131 150 - -	173 200 - -	210 - - -	217 227 - -	242 244 - -		
A122	3n	DB Match	106 133 - -	96 101 - -	113 125 129 -	116 118 - -	178 186 205 -	136 158 - -	148 168 - -	131 137 139 -	173 200 208 -	210 224 254 -	205 215 231 -	232 250 254 -	NFC_21_19_Cockpit_004_B04.fsa	
A123	2n	Unique	94 106 - -	88 96 - -	103 129 - -	116 118 - -	180 205 - -	136 178 - -	148 - - -	137 141 - -	173 196 - -	210 228 - -	227 231 - -	232 242 - -		