

Project: Urban Tree monitoring - Our schoolyard as a Climate Change research station

DATE: May 1st, 2009 SCHOOL: John Fisher JR PS

STUDY AREA: Schoolyard area

NAMES: Grade 6 classes

NW CORNER GPS LOCATION: N 43.712406

W -79.398568

TEAM		COLOUR	GREEN	BLACK	ORANGE						BLUE	YELLOW								
(Equipment) & units used			(GPS) decimal degrees		(Dia. Tape) 0.00 cm						(clinometer, tan table, 30m tape) in meters						At drip line in m.			
Tags		Description	Tree Location		HEALTH NOTES						HEIGHT						CROWN WIDTH		COMMENTS	
Tree # (ID tag)	Quadrant	Common Name Latin Name (tree key)	GPS Coordinates (UTM UPS) North (Latitude) Y West (Longitude) X	DBH Dia. Tape at 1.3 m	Status	Stance	Mech. Damage	Defects	Foliage State	NOTES	Compass Bearing Degrees	Upper Angle	Upper Height	Lower Angle	Lower Height	Total Height	Snow Height	Width One (W1) (90 degrees angle)		Width Two (W2) (90 degrees angle)
JF 1	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712244	-79.398427	1.30	AH	LN	TB	II	NN	2" of mulch around tree. Buds present	25°	9.32			9.32		5.7	9.1	Team 1/ May 1st
JF 2	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712281	-79.398464	1.00	AH	ST	BD	II	NN	2" of mulch around tree. Buds present	24°	8.9			8.9		9.7	7.4	Team 1/ May 1st
JF 3	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712288	-79.398427	0.90	AH	LN	NN	II	NN	2" of mulch around tree. Buds present	27°	10.2			10.2		8.2	7.3	Team 1/ May 1st
JF 4	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712313	-79.398458	0.95	AH	LN	NN	NN	NN	2" of mulch around tree. Buds present	26°	9.76			9.76		11.5	11.8	Team 1/ May 1st
JF 5	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712384	-79.398482	0.80	AH	LN	BD	DV	NN		17°	6.12	3°	1.4	7.52		8.5	7.8	Team 1/ May 1st
JF 6	16	Little-Leaf Linden <i>Tilia cordata</i>	43.712371	-79.398427	0.65	AH	LN	NN	NN	NN		20°	7.28	2°	1.74	9.02		6.0	7.5	Team 1/ May 1st
JF 7	16	Austrian Pine <i>Pinus nigra</i>	43.712383	-79.398386	0.90	AH	ST	RD	DV	AL		14°	4.98	4°	1.4	6.38		8.1	8.1	Team 1/ May 1st
JF 8	16	Austrian Pine <i>Pinus nigra</i>	43.712394	-79.398334	0.90	AH	LN	NN	AB	AL		19°	6.88	4°	1.4	8.28		8.2	5.8	Team 1/ May 1st
JF 9	16	Austrian Pine <i>Pinus nigra</i>	43.712411	-79.398279	0.94	AH	ST	BD	NN	AL		17°	6.12	2°	1.74	7.86		7.0	6.4	Team 1/ May 1st
JF 10	11	Austrian Pine <i>Pinus nigra</i>	43.712422	-79.39823	0.74	AH	ST	BD	II	AL		8°	2.82	2°	1.74	4.56		5.1	7.4	Team 1/ May 1st
11	11	Silver Maple <i>Acer saccharinum</i>	43.71252	-79.398179	2.80	AH	ST	BD	AB	FW	Pruned in winter 2009 by city	43°	18.6			18.6		28.0	21.5	In city Property
JF 12	11	Norway Maple <i>Acer platanoides</i>	43.712427	-79.398161	0.55	AH	ST	BD	NN	FW		11°	3.88	1°	0.34	4.22		6.2	5.8	Team 1/ May 1st
JF 13	11	Austrian Pine <i>Pinus nigra</i>	43.712443	-79.398105	0.65	AH	ST	BD/RD	NN	AL	No mulch left	22	8.08	3	1.04	9.12		5.6	7.1	Team 2 /May 8th
JF 14	11	Austrian Pine <i>Pinus nigra</i>	43.712453	-79.398066	0.68	AH	ST	NN	DV	AL	Nail on trunk	24	8.9	6	2.9	11.8		6.4	6.7	Team 2 /May 8th
JF 15	11	Norway Maple <i>Acer platanoides</i>	43.712469	-79.398	0.80	AH	LN	BD	II	AL	Tiny yellow eggs in trunk	31	12.1	4	1.4	13.5		8.1	8.5	Team 2 /May 8th
16	6	Norway Maple <i>Acer platanoides</i>	43.712536	-79.397995	0.88	AH	LN	TB	NN	AL	Some branches are dead	35	14			14		8.2	5.9	Team 2 /May 8th
JF 17	6	Austrian Pine <i>Pinus nigra</i>	43.712478	-79.397937	0.52	AH	LN	BD/TB	II/AB	MT	Yellow eggs and animal scratches	19	8.88			8.88		6.9	8.4	Team 2 /May 8th
JF 18	6	Austrian Pine <i>Pinus nigra</i>	43.712486	-79.397893	0.89	AH	LN	BD	NN	HF		39	16.2	6	2.9	19.1		6.4	5.2	Team 2 /May 8th
JF 19	6	Austrian Pine <i>Pinus nigra</i>	43.712504	-79.397833												0				
20-28		Native shrubs or smaller trees																		
29	5	Hackberry <i>Celtis occidentalis</i>	43.711641	-79.396974	0.35	AH	ST	TB	NN	MT		9	3.16			3.16		4.3	5.2	Team 1 /May 15th
30	5	English Oak <i>Quercus robur</i>	43.711613	-79.397096	1.23	AH	ST	NN	NN	FW	Branches quite low	22	8.08			8.08		12.0	12.2	Team 1 /May 15th
31	5	Sugar Maple <i>Acer saccharum</i>	43.711656	-79.39722	0.35	AH	ST	NN	NN	AL		12	4.26			4.26		4.9	4.1	Measured at 1.75 due to cage Team 1 /May 15th
32	5	White Spruce <i>Picea glauca</i>	43.711716	-79.39723												0				
33	5	Tulip Tree <i>Liriodendron tulipifera</i>	43.711641	-79.397271												0				Planted in Fall 2008 by TDSB
34	5	Silver Maple <i>Acer saccharinum</i>	43.711654	-79.397343	2.70	AS	LN	TB	SD	AL		38	15.62			15.62		15.1	18.4	Planted in 1908 after addition
35	5	Yew <i>Taxus canadensis</i>	43.711679	-79.397397												0				
36	5	White Lilac <i>Syringa vulgaris</i>	43.711682	-79.397221	0.22	AH	LN	NN	NN	AL		5	1.6			1.6		3.4	3.5	Old Shrub. Should it be included? Team 1 /May 15th
37	5	Ginkgo <i>Ginkgo biloba</i>	43.711584	-79.397256												0				Planted in Spring 2009 by City of Toronto
38	10	Silver Maple <i>Acer saccharinum</i>	43.711545	-79.397411												0				Planted in Spring 2009 by City of Toronto
39	10	? Ash <i>Fraxinus ?</i>	43.711512	-79.397599												0				

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40	15	? Maple		43.711495	-79.397673												0				
		Acer ?																			
41	15	Honey Locust		43.711534	-79.397808												0				
		Gleditsia triacanthos																			
42	15	Hop Tree															0				Planted in May 2010 to remember a student that passed away (Tanya K.)
		Ptelea trifoliata																			Pruned by TDSB crew more than 1/2 in summer 2010!
43	15	White Spruce		43.711549	-79.397909												0				
		Picea glauca																			
44	20	Serviceberry		43.711506	-79.398												0				Planted in 2003 to honour caretaker who passed away.
		Amelanchier canadensis																			
45	15	Tulip Tree		43.711448	-79.397943												0				Previous Sugar Maple Planted in Fall 2007 by City of TO. Vandalized in summer 2011. Replaced in Fall 2011
		Liriodendron tulipifera																			
46	20	Norway Maple		43.711446	-79.398113	0.37	AH	ST	RD	II	AL		10	3.52	1	3.88	7.4		3.9	4.7	Measurement was taken at 1.85m due to cage
		Acer platanoides																			Team 2 / May 22,09
47	25	Honey Locust		43.711416	-79.398208	1.92	AH	ST	BD	DV	AL		29	11.08			11.08		12.6	13.3	Team 2 / May 22,09
		Gleditsia triacanthos																			
48	20	Mountain Ash		43.711485	-79.398128	1.39	AH	LN	BD/TB	DV/II	MT		15	5.36			5.36		6.6	5.7	Trunk split at 1.1 m into 3 main branches. Died on Spring 2010. Removed by TDSB Summer 2010
		Sorbus aria																			Team 2 / May 22,09
49	20	Austrian Pine		43.71151	-79.398212	0.73	AS	LN	BD/TB	SD	AL		26	9.76			9.76		15.0	8.3	Team 2 / May 22,09
		Pinus nigra																			
50	20	Austrian Pine		43.711534	-79.398219												0				
		Pinus nigra																			
51	20	Austrian Pine		43.711556	-79.398228												0				
		Pinus nigra																			
52	20	Himalayan Birch		43.711535	-79.398157												0				Planted in Fall 2008 in honour of Melinda Kecskes - Green Committee Chair 2005-2008
		Betula utilis Jacquemontii																			
53	19	Honey Locust		43.711582	-79.398185												0				Planted in 2003? Cage removed in 2008
		Gleditsia triacanthos																			
54	20	Serviceberry		43.711566	-79.398248												0				
		Amelanchier?																			
55	20	Serviceberry		43.711576	-79.398262												0				
		Amelanchier?																			
56	19	Honey Locust (bed 2)		43.711669	-79.398278												0				Planted in 2003? By TDSB
		Gleditsia triacanthos																			
57	19	Honey Locust		43.711684	-79.398212												0				Planted in 2005 by TDSB. Cage removed in June 2008
		Gleditsia triacanthos																			
58	19	Basswood		43.711754	-79.398175												0				Planted in 2006 by TDSB. Cage removed in June 2008
		Tilia americana																			
59	19	Basswood		43.711832	-79.398191												0				Planted in 2006 by TDSB. Cage removed in June 2008
		Tilia americana																			
60	18	Hackberry		43.711865	-79.39824												0				Planted in Fall 2007 by TDSB
		Celtis occidentalis																			
61	18	Norway Maple		43.711828	-79.398303												0				
		Acer platanoides																			
62	18	Eastern White Pine		43.711888	-79.398327												0				Planted in Fall 2005.
		Pinus strobus																			
63	23	Red Maple		43.711899	-79.398397												0				Planted in 2006 by TDSB
		Acer rubrum																			
64	23	Red Maple		43.711907	-79.398459												0				Planted in 2006 by TDSB
		Acer rubrum																			
65	23	Red Maple		43.711901	-79.398525												0				Planted in 2006 by TDSB
		Acer rubrum																			
66	23	Austrian Pine		43.711868	-79.398675												0				
		Pinus nigra																			
67	23	Austrian Pine		43.711891	-79.398687												0				

