

Table S1: Mapping of Magnetic Field intensities.

Height 0 cm (z)	y (cm)	x (cm)										
		0	1	2	3	4	5	6	7	8	9	10
		0	9.52	10.87	10.9	11.17	11.36	11.11	11.61	10.34	9.51	8.60
	1	8.73	9.95	10.68	10.80	10.78	11.07	10.86	10.3	9.81	8.76	7.99
	2	8.36	9.29	9.85	10.24	10.53	10.72	10.96	10.12	8.84	8.00	6.78
	3	8.47	9.81	10.50	11.24	11.47	11.64	10.64	10.26	9.38	8.64	7.42
	4	8.89	9.74	10.36	10.76	11.62	11.28	11.51	10.93	10.26	9.36	7.50
			Mean	9.96	Standard deviation				1.24			
Height 3.5 cm (z)	y (cm)	x (cm)										
		0	1	2	3	4	5	6	7	8	9	10
		0	10.8	13.96	14.61	14.60	14.34	15.34	14.57	13.09	13.11	nd
	1	12.1	12.59	14.10	13.88	13.95	13.06	13.54	12.73	11.62	10.77	8.26
	2	10.94	11.78	12.38	13.01	13.05	13.36	13.65	12.39	11.12	10.12	8.76
	3	10.11	11.19	12.06	12.49	13.02	13.07	12.71	11.97	11.07	10.15	8.74
	4	9.76	10.87	11.77	12.38	12.62	12.60	12.43	12.04	11.47	10.12	8.90
			Mean	12.13	Standard deviation				1.65			
Height 7 cm (z)	y (cm)	x (cm)										
		0	1	2	3	4	5	6	7	8	9	10
		0	11.61	13.79	14.88	16.14	16.00	15.20	14.90	15.60	13.00	12.01
	1	11.67	13.49	13.47	14.45	14.06	14.12	13.50	12.89	11.76	10.61	9.64
	2	10.70	12.04	12.54	13.24	13.41	13.61	13.80	12.80	11.85	11.08	9.27
	3	9.86	11.42	12.31	12.89	13.17	13.20	12.93	12.22	11.34	10.30	9.08
	4	10.17	11.50	12.08	12.62	12.96	12.84	12.68	12.05	11.03	10.00	8.78
			Mean	12.42	Standard deviation				1.73			
Height 10.5 cm (z)	y (cm)	x (cm)										
		0	1	2	3	4	5	6	7	8	9	10
		0	9.50	12.84	14.43	14.37	15.11	14.76	14.65	14.22	14.10	13.61
	1	10.39	11.6	12.77	14.09	13.81	13.71	14.00	13.69	12.92	12.22	9.92
	2	9.83	11.55	11.9	12.52	12.69	12.86	13.10	11.92	11.11	9.72	8.74
	3	9.37	10.82	11.73	11.86	12.43	12.42	12.37	11.61	11.01	9.57	8.43
	4	9.02	10.3	11.04	12.20	12.44	12.56	12.24	11.55	10.76	9.60	8.33
			Mean	11.93	Standard deviation				1.76			
Height 14 cm (z)	y (cm)	x (cm)										
		0	1	2	3	4	5	6	7	8	9	10
		0	8.63	10.39	10.22	11.74	12.73	12.80	12.13	11.36	10.49	8.47
	1	7.34	8.71	9.79	9.20	9.42	9.41	9.43	8.84	8.08	7.17	6.17
	2	7.13	8.09	8.86	9.46	9.83	9.48	9.12	8.68	7.80	6.64	5.62
	3	6.60	7.85	8.33	8.84	8.63	9.36	9.06	8.54	7.71	6.77	5.60
	4	6.86	7.93	8.48	9.68	9.48	9.76	9.52	9.17	8.44	7.32	5.91
			Mean	8.73	Standard deviation				1.63			