

July 18, 2024: 2, 8, 17, 16, 15  
July 19, 2024: 1, 5, 10, 7, 3, 4  
July 20, 2024: 1, 5, 10, 7, 3, 4

2024 Seedling Data

Stem diameter: 10,

July 20, 2024: 1, 5, 10, 7, 3, 4

July 21: 14, 11 - soil moisture 1, 3, 4, 5, 7

Site	Plot	Sub_plot	ht_2020	ht_2021	ht_2022	ht_2023	dis_to_cons	spp	Tooth Pick	Note
JCMH	1	A	31	49	62	50	57	86	ABILAS	red spade
JCMH	1	B		0						act of the ground
JCMH	1	C	30	33	44	MAD		92	ABILAS	yellow club
JCMH	1	C	19	MAD	MAD	MAD		110.5	ABILAS	white heart
JCMH	1	D		0		-				
JCMH	1	E	710	MAD		-		110	ABILAS	blue heart
JCMH	1	F		0		-				tag was out of the ground
JCMH	2	A	45	MAD		-		95	ABILAS	red club
JCMH	2	B		0		-				
JCMH	2	C		0		-				
JCMH	2	D	40	42	56	56	49	10	ABILAS	orange spade
JCMH	2	D		38	46	49	51	250	ABILAS	red diamond
JCMH	2	E	22	MAD	MAD	MAD		100	ABILAS	blue heart
JCMH	2	E		32	42	43	42	220	ABILAS	red heart
JCMH	2	E		49	51	63	75	230	ABILAS	blue heart
JCMH	2	F	16	MAD		-		26	ABILAS	orange club
JCMH	2	F	45	42	49	44	55	35	ABILAS	orange heart
JCMH	2	F	30	MAD		-		25	ABILAS	red heart
JCMH	2	F	9	MAD		-		30	ABILAS	blue diamond
JCMH	2	F	38	47	48	44	47	32	ABILAS	yellow diamond
JCMH	2	F	34	34	39	36	42	48	ABILAS	white club
JCMH	3	A		0		-				white spade?
JCMH	3	B		0		-				
JCMH	3	C	40	MAD		-		33	ABILAS	green heart
JCMH	3	D	35	47	53	55	49	201	ABILAS	yellow club
JCMH	3	D	28	MAD		-		180	ABILAS	blue heart
JCMH	3	E		0		-				
JCMH	3	F	27	21	MAD	Dead		73	ABILAS	white club
JCMH	4	A	40	MAD		-		63	ABILAS	red spade
JCMH	4	B		0		-				looking brown and sad could not find red spade

→ step left hand corner (aphid) 24 inches

missing corner

July 17 day: 6, 12, 13  
\* Sunny + warm

## 2024 Seedling Data

JCMH	6 E	40	MAD			-	183	ABILAS	green diamond
JCMH	6 E	19	35	35		37	205	ABILAS	blue club
JCMH	6 E	32	MAD			-	158	ABILAS	red heart
JCMH	6 E	34	MAD			-	166	ABILAS	blue diamond
JCMH	6 E		42	49		38	151	TSUHET	green spade
JCMH	6 F	40	44	71		42	61	ABILAS	orange diamond
JCMH	7 A	500	MAD			-	90	ABILAS	white diamond
JCMH	7 A	250	MAD			-	83	ABILAS	red club
JCMH	7 A	500	MAD			-	81	ABILAS	blue club
JCMH	7 B		0			-			
JCMH	7 C	91	173	302		302	176	ABILAS	white club
JCMH	7 C	190	299	280		300	163	ABILAS	blue diamond
JCMH	7 C	140	161	255		181	180	ABILAS	red heart
JCMH	7 C	230	245	306		288	190	ABILAS	orange spade
JCMH	7 D					-			couldn't find, m
JCMH	7 E		0			-			
JCMH	7 F		292	376		MAD	238	ABILAS	orange heart
JCMH	7 F		282	341		MAD	251	ABILAS	blue club
JCMH	8 A	18	18	34		MAD	86	ABILAS	yellow diamond
JCMH	8 A	23	21	7		MAD	98	ABILAS	white club
JCMH	8 B	350	362	375		372	150	ABILAS	yellow spade
JCMH	8 C	40	52	55		Dead	256	ABILAS	blue club
JCMH	8 C	60	72	94		112	253	ABILAS	white club
JCMH	8 C			58		MAD	261	ABILAS	blue heart
JCMH	8 D	30	37	40		Dead	123	ABILAS	red heart
JCMH	8 D	25	MAD			-	119	ABILAS	yellow spade
JCMH	8 E		0			-			
JCMH	8 F	630	620	673		666	130	ABILAS	yellow club
JCMH	8 F	720	690	765		763	116	ABILAS	white diamond
JCMH	8 F	40	MAD	37		37	122	ABILAS	orange spade
JCMH	9 A	73	83	MAD		-	213	ABILAS	blue heart

30	120	Abilias	Yellow heart	* pretty nice
25	14	Abilias	Blue diamond	
23	157	" "	green diamond	
12	133	Abilias	Red heart	(big)

# 2024 Seedling Data

DL: 11  
CR: ##

JCMH	9 A	20	MAD		-	-	86	ABILAS	white spade
JCMH	9 B		0		-	-			
JCMH	9 C	90	109		135	Dead	139	ABILAS	yellow heart
JCMH	9 D		0		-	-			
JCMH	9 E		0		-	-			
JCMH	9 F	33	43		30	40	158	ABILAS	orange heart very pale
JCMH	10 A	18	21		30	MAD	60	ABILAS	green diamond
JCMH	10 B	80	99		110	113	103	ABILAS	orange club
JCMH	10 C	20	MAD		-	-	36	ABILAS	blue spade
JCMH	10 D		0		-	-			
JCMH	10 E	18	MAD		MAD	MAD	38	ABILAS	yellow club
JCMH	10 E	30	30		40	35	56	ABILAS	green heart
JCMH	10 F	380	360		141	Dead	101	ABILAS	orange spade
JCMH	10 F	370	390		465	506	69	ABILAS	orange diamond
JCMH	10 F	100	115		118	229	58	ABILAS	blue diamond
JCMH	10 F	100	120		122		69	ABILAS	white diamond
JCMH	10 F	150	205		210	180	49	ABILAS	red club
JCMH	10 F				376	380	69	ABILAS	white heart
JCMH	10 F					20	137	ABILAS	brown, few needles
JCMH	11 A	28	28		41		134	ABILAS	orange diamond
JCMH	11 A	45	34		MAD	-			
JCMH	11 B		0		-	-			
JCMH	11 C		0		-	-			
JCMH	11 D	21	MAD		-	-	411	PICHYB	yellow spade
JCMH	11 D	18	32		MAD	MAD	193	ABILAS	green club
JCMH	11 E	320	355		480	356	108	ABILAS	white heart
JCMH	11 E	670	635		691	600	115	ABILAS	orange heart
JCMH	11 F		0		-	-			
JCMH	12 A	12	MAD		-	-	108	ABILAS	white heart
JCMH	12 B	250	253		285	280	128	ABILAS	red heart
JCMH	12 C		0		-	-			
JCMH	12 D	280	295		375	375	87	ABILAS	green diamond

\*replaced toothpick

\*seems like should be outside the plot

Scout's find

lt SP Dist

12A green diamond 18 Pincon 740  
12B blue heart 16 Pincon 300  
12C orange spade 9 Pincon 300

Pincon  
Abilas  
Toothpick  
Abilas  
Red club

12 A  
12 A  
12 A

## 2024 Seedling Data

JCMH	12 D	120	167	155	192	MAD	72	ABILAS	yellow diamond
JCMH	12 D	300	188	231	Dead	Dead	62	ABILAS	orange spade
JCMH	12 D	230	244	310	271	270	71	ABILAS	yellow spade
JCMH	12 D	200	13,8	305	296	269	89	ABILAS	green heart
JCMH	12 D	290	274	182	312	279	83	ABILAS	red diamond
JCMH	12 D	220	226	271	271	241	77	ABILAS	white spade
JCMH	12 E	17	MAD		-	—	138	ABILAS	blue diamond
JCMH	12 E	50	35	MAD	-	—	114	ABILAS	orange spade
JCMH	12 F	30	MAD		-	—	152	ABILAS	orange diam cou
JCMH	12 F				41	32	187	ABILAS	yellow diamond
JCMH	13 A	11	MAD		-	—	330	ABILAS	blue spade
JCMH	13 B		0		-	—			
JCMH	13 C		0		-	—			
JCMH	13 D	18	23	37	39	31	50	ABILAS	white spade
JCMH	13 D	30	36	39	Dead	—	73	ABILAS	red club
JCMH	13 D	42	47	52	57	31	77	ABILAS	yellow diam( tur
JCMH	13 D	28	21	25	52	28	84	ABILAS	blue club
JCMH	13 D				5	MAD	56	ABILAS	Un
JCMH	13 E	75	64	Dead	-	—	69	ABILAS	red heart
JCMH	13 F	22	MAD		-	—	118	ABILAS	white club
JCMH	14 A	500	430	505	565	600	50	ABILAS	red diamond
JCMH	14 A	510	310	483	484	243	67	ABILAS	white heart
JCMH	14 A			23	MAD	NA		ABILAS	red heart
JCMH	14 B	25	22	35	28	26	232	ABILAS	blue club
JCMH	14 B	23	24	34	26	32	239	ABILAS	red club
JCMH	14 B	8	31	34	16	25	245	ABILAS	green spade gre
JCMH	14 B	36	34	MAD	MAD	—	235	ABILAS	white spade
JCMH	14 B	8	9	38	29	24	236	ABILAS	green heart
JCMH	14 B	18	25	27	21	22	247	ABILAS	yellow heart
JCMH	14 B	19	30	29	20	33	255	ABILAS	orange diamond
JCMH	14 B	16	11	18	19	27	180	PICHYB	green club

ck } F up on ridge  
} - hard to see from below

leading branch = broken  $\rightarrow$  bent over

14 B	19	30	29	20	255	ABILAS	orange diamond
14 B	16	11	18	19	180	PICHYB	green club
12	€			21	140	Tsuhst	Blue diamond
12	£			13	140	Tsuhst	orange heart
13	A			22	315	Abilas	red heart
13	A			14	385	Abilas	green heart
13	A			14	35	Abilas	white diamond

# 2024 Seedling Data

JCMH	14 B	17	19	MAD	30	36	1183	PICBYB	yellow diamond
JCMH	14 B	12	MAD		-	-	254	ABILAS	white heart
JCMH	14 B	8	23	MAD	-	-	225	ABILAS	white club
JCMH	14 B	6	MAD		-	-	245	ABILAS	blue heart
JCMH	14 B	19	10	30	15	37	257	ABILAS	green diamond
JCMH	14 B	3	16	19	21	17	253	ABILAS	orange spade
JCMH	14 B				15	MAD	163	ABILAS	yellow club
JCMH	14 B			27	18	NA	22	ABILAS	red heart
JCMH	14 C		0		-	-			
JCMH	14 D		0		-	-			
JCMH	14 E	360	370	390	398	403	93	ABILAS	blue heart
JCMH	14 F	729	MAD		-	-	15	ABILAS	white club
JCMH	15 A		28	Dead	-	-	370	ABILAS	blue heart
JCMH	15 B		44	55	58	55	280	ABILAS	green diamond
JCMH	15 B		15		-	-	132	ABILAS	white spade
JCMH	15 C				22	22	138	ABILAS	white diamond
JCMH	15 D			320	360	388	173	ABILAS	NA yellow diamond
JCMH	15 E				18	MAD	231	ABILAS	red club
JCMH	15 F		121	134	138	134	250	ABILAS	red heart
JCMH	15 F		42	49	49	52	252	ABILAS	blue diamond
JCMH	15 F		14	18	17	24	263	ABILAS	white spade
JCMH	15 F				18	22	231	ABILAS	red club
JCMH	16 A		0		-	-	0		
JCMH	16 B		0		-	-	0		
JCMH	16 C		0		-	-	0		
JCMH	16 D		465	467	473	488	245	ABILAS	yellow club
JCMH	16 E		22	22	Dead	-	354	TSUHET	blue club
JCMH	16 E			49	MAD	-	151	ABILAS	white heart
JCMH	16 E		33	33	Dead	-	170	ABILAS	red club
JCMH	16 F		221	397	242	-	30	ABILAS	red club
JCMH	16 F		162	178	192	289	31.2	ABILAS	green spade

all out of base of adult, not seedling??  
all out of base of adult, not seedling??

5 F	12	183	Asio gongxi spade
5 F	10	185	Asio gongxi spade
13 F	9	105	Blue club Asio
13 F	20	124	Red heart Asio

plot	species	height	distance	tooth pick
14C	Albica	3.3	76	red heart
		3.1	64	yellow heart
		0.4	70	green spade
		0.1	54	blue heart → looks dry
		3.2	74	blue diamond
		0.7	43	orange heart
		1.6	45	blue spade
14D	Albica	2.4	81	yellow diamond
		0.4	65	yellow heart
		1.4	88	red club
		1.9	85	blue spade
		1.4	81	orange heart
		0.8	62	green club
14B	Albica	2.3	243	white club
		1.7	242	red diamond red
		1.7	238	red spade red
		1.8	247	red heart yellow
		2.1	238	orange diamond
		1.7	244	green diamond
		2.3	240	green heart
		1.4	246	green spade
		2.1	245	green club
		1.9	244	red diamond
		1.8	250	red heart
		1.8	247	red spade
		1.6	246	red club
		3.1	251	purple diamond
		1.8	251	purple spade
		1.7	253	red club
		1.4	253	red heart
		1.5	265	yellow diamond
		1.8	269	yellow spade
		1.7	264	yellow club
		1.6	264	yellow heart

1. *Induratus* *Induratus*

230

3 Data from the spreadsheet but by letter instead

→ looks brown  
top dead

1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 25

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# Soil Moisture

2, 12, 13 - July 17  
 6, 8, 9, 10, 17, 16, 15 → July 18  
 11, 1, 3, 4, 5, 7 → July 21 → last rain = early morning Friday  
 → 48h gaps

Site	Plot	SM_1	SM_2	SM_3	SM_4	SM_5
JCMH1	A	10.5	10.9	7.1	7.2	11.
	B	0.3	0.7	0.5	0.9	2.4
	C	12.5	9.7	1.9	8.2	4.1
	D	3.6	4.9	0.6	2.8	3.6
	E	2.8	13.4	6	5.6	7.3
	F	0.6	0.4	6.4	2.1	2.2
JCMH2	A	3.4 3.3	2.4 0.6	2.5	1.4 3.1	2
	B	5.7	5.6	10.4	0.9	5.4
	C	0	0	0	0	0
	D	11.9	14.2	7.3	1.4	8.5
	E	10.1	10.1	11.1	1.8	11
	F	3.4	0.6	1	3.1	2.1
JCMH3	A	5.3	5.7	2.7	8.4	2
	B	10.6	11.7	7.6	9.7	3.3
	C	4.9	6.9	3	5.5	1.1
	D	3.8	4.3	6.2	3.7	6.9
	E	4.4	3.8	3.4	5.04	4.3
	F	1.7	2.1	6.5	0.3	2.8
JCMH4	A	<del>55</del> 0.9	<del>14</del> <del>17.0</del>	<del>6.6</del> <del>10.5</del>	<del>1.4</del> 23.5	<del>15.4</del> <del>12.3</del>
	B	2.4	17.0	2.9	3.0	1.5
	C	8.9	8.9	7.1	9.3	5.5
	D	9.1	5.4	9.3	14.3	3.6
	E	3.7	5.7	2.2	6.2	8.2
	F	5.5	6.4	10.5	5.2	12.3
JCMH5	A	3.3	8.45	3.1	8.7	0.1
	B	9.1	9.5	9.6	11.8	12.8
	C	2.9	7.7	5.2	11.1	3.8
	D	10.1	11.9	8.9	10.2	10.1
	E	3.8	8.9	4.9	5.3	5.4
	F	3.8	5.6	5.4	1.5	7.7
JCMH6	A	12.9	8.6	8.6	7.0	8.0
	B	18.7	19.4	5.8	10.4	11.1
	C	14.1	10	4.9	6.4	6.4
	D	9.1	6.8	9.8	17.3	6.9
	E	13.6	15.9	4.7	18.9	7.8
	F	8.7	5.6	8.3	9.9	4.2
JCMH7	A	3	1.2	3.5	7.2	2.1
	B	1.7	0.4	0.3	0.6	4.9
	C	2.3	5.2	3.3	3.9	1.6
	D	6.4	1.8	2.2	4.1	3.4
	E	3	3.5	6.2	5.1	4.4
	F	5.2	6.8	2.9	1.7	1
JCMH8	A	6.4	4.3	8.5	6.4	6.8
	B	0.7	2.6	2.1	1.4	2.1

under range



	C	5.1	1.9	0.3	1.7	1
	D	14.7	11.8	2.1	15.2	11.3
	E	0	0	0	0	0
	F	1.5	0.8	1.6	0	4
JCMH9	A	4.8	1	1.9	3.4	3.1
	B	0.3	9.2	6.6	6.2	2
	C	5.8	0.1	2.2	4.2	0.3
	D	0.6	3.6	5.6	3.5	1.1
	E	4.3	2.7	6.1	10.7	4.8
	F	0	1.9	0.1	0.5	2.2
JCMH10	A	10.8	13.4	4.9	2.7	8.4
	B	5.8	1.9	1.5	1.2	0.7
	C	2.9	2.3	0.7	1.5	0.5
	D	2	4.5	2.9	2.8	2.3
	E	4.5	0.0	1.1	3.7	0.6
	F	2.4	0.7	4.3	0.0	0.4
JCMH11	A	<del>5.6</del>	<del>4.9</del>	<del>10.7</del>	<del>12.6</del>	<del>2.5</del>
	B	<del>5.6</del> 3.9	<del>7.4</del> 3.8	<del>8.6</del> 5.1	<del>13.6</del> 0.6	<del>5.6</del> 4.4
	C	<del>6.4</del> 7.9	<del>2.8</del> 4.4	<del>1.9</del> 5.1	<del>9.2</del> 4.5	<del>11.1</del> 3.1
	D	<del>2.7</del> 0.2	<del>3.3</del> 0.8	<del>2.5</del> 0	<del>5.1</del> 0	<del>7.6</del> 1.9
	E	<del>4.3</del> 6.6	<del>0.9</del> 1.8	<del>4.5</del> 3.5	<del>7.0</del> 0.2	<del>4.3</del> 8.6
	F	<del>9.8</del> 10.4	<del>4.5</del> 3.8	<del>8.1</del> 5.8	<del>6.5</del> 5.8	<del>1.8</del> 3.4
JCMH12	A	5.6	4.9	10.7	12.6	2.5
	B	6.6	7.4	8.6	13.6	5.6
	C	6.4	14.4	1.9	9.2	11.1
	D	2.7	3.3	2.5	5.1	1.6
	E	1	1.8	3.5	0.2	8.6
	F	9.8	3.8	5.8	5.8	3.4
JCMH13	A	1.3	3.9	6.5	6.2	13
	B	4.1	8.1	5.7	5.1	2.4
	C	<del>5</del> 6.6	3.6	5.7	4.1	4.8
	D	1.7	4.3	2.4	2.7	7.1
	E	4.9	0.5	9.5	4.7	4.1
	F	1.4	2.6	2.3	5.7	0.8
JCMH14	A	0.8	1.5	3.5	3.1	2.2
	B	<del>3.9</del>	10.9	7.4	1.5	4.1
	C	<del>4.4</del>	7.9	3.5	6.1	2.2
	D	<del>0.8</del>	0.5	2.3	1.9	2.8
	E	<del>0.8</del>	1.7	3.9	4.9	1.2
	F	8	8.5	10.5	9.7	5.3

→ under range.  
e

multif. find

L	B	N	V
80	0	0	50
30	50	0	10
5	0	0	100
15	0	0	90
40	0	0	85
5	0	0	90

XW	CR	DL	BW
III	III	III	II
	II		

Site	Plitterot	Sp.	PC%
JCMH	1A	litter	30
JCMH	1A	bareground	0
JCMH	1A	nurse log	0
JCMH	1A	vegetation	80
JCMH	1B	litter	40
JCMH	1B	bareground	0
JCMH	1B	nurse log	80
JCMH	1B	vegetation	95
JCMH	1C	litter	100
JCMH	1C	bareground	0
JCMH	1C	nurse log	0
JCMH	1C	vegetation	2
JCMH	1D	litter	60
JCMH	1D	bareground	0
JCMH	1D	nurse log	0
JCMH	1D	vegetation	95
JCMH	1E	litter	95
JCMH	1E	bareground	0
JCMH	1E	nurse log	0
JCMH	1E	vegetation	10
JCMH	1F	litter	95
JCMH	1F	bareground	0
JCMH	1F	nurse log	0
JCMH	1F	vegetation	5
JCMH	2A	litter	2
JCMH	2A	bareground	0
JCMH	2A	nurse log	0
JCMH	2A	vegetation	100
JCMH	2B	litter	30
JCMH	2B	bareground	0
JCMH	2B	nurse log	0
JCMH	2B	vegetation	40
JCMH	2C	litter	60
JCMH	2C	bareground	0
JCMH	2C	nurse log	0
JCMH	2C	vegetation	30
JCMH	2D	litter	50
JCMH	2D	bareground	0
JCMH	2D	nurse log	0
JCMH	2D	vegetation	90
JCMH	2E	litter	2
JCMH	2E	bareground	0
JCMH	2E	nurse log	0
JCMH	2E	vegetation	100

JCMH	10C	litter	40
JCMH	10C	bareground	0
JCMH	10C	nurse log	30
JCMH	10C	vegetation	30
JCMH	10D	litter	60
JCMH	10D	bareground	0
JCMH	10D	nurse log	5
JCMH	10D	vegetation	45
JCMH	10E	litter	55
JCMH	10E	bareground	0
JCMH	10E	nurse log	0
JCMH	10E	vegetation	45
JCMH	10F	litter	80
JCMH	10F	bareground	0
JCMH	10F	nurse log	0
JCMH	10F	vegetation	20
JCMH	11A	litter	1
JCMH	11A	bareground	1
JCMH	11A	nurse log	1
JCMH	11A	vegetation	1
JCMH	11B	litter	5
JCMH	11B	bareground	0
JCMH	11B	nurse log	0
JCMH	11B	vegetation	75
JCMH	11C	litter	10
JCMH	11C	bareground	0
JCMH	11C	nurse log	0
JCMH	11C	vegetation	90
JCMH	11D	litter	100
JCMH	11D	bareground	0
JCMH	11D	nurse log	50
JCMH	11D	vegetation	1
JCMH	11E	litter	90
JCMH	11E	bareground	0
JCMH	11E	nurse log	0
JCMH	11E	vegetation	10
JCMH	11F	litter	
JCMH	11F	bareground	
JCMH	11F	nurse log	
JCMH	11F	vegetation	
JCMH	12A	litter	7
JCMH	12A	bareground	0
JCMH	12A	nurse log	0
JCMH	12A	vegetation	95
JCMH	12B	litter	5

could not find

JCMH	4E	bareground	0
JCMH	4E	nurse log	0
JCMH	4E	vegetation	85
JCMH	4F	litter	90
JCMH	4F	bareground	0
JCMH	4F	nurse log	0
JCMH	4F	vegetation	20
JCMH	5A	litter	100
JCMH	5A	bareground	0
JCMH	5A	nurse log	0
JCMH	5A	vegetation	0
JCMH	5B	litter	70
JCMH	5B	bareground	0
JCMH	5B	nurse log	0
JCMH	5B	vegetation	50
JCMH	5C	litter	80
JCMH	5C	bareground	0
JCMH	5C	nurse log	0
JCMH	5C	vegetation	75
JCMH	5D	litter	90
JCMH	5D	bareground	0
JCMH	5D	nurse log	0
JCMH	5D	vegetation	15
JCMH	5E	litter	100
JCMH	5E	bareground	0
JCMH	5E	nurse log	0
JCMH	5E	vegetation	0
JCMH	5F	litter	100
JCMH	5F	bareground	0
JCMH	5F	nurse log	0
JCMH	5F	vegetation	10
JCMH	6A	litter	20
JCMH	6A	bareground	0
JCMH	6A	nurse log	25
JCMH	6A	vegetation	75
JCMH	6B	litter	90
JCMH	6B	bareground	0
JCMH	6B	nurse log	0
JCMH	6B	vegetation	20
JCMH	6C	litter	40
JCMH	6C	bareground	0
JCMH	6C	nurse log	0
JCMH	6C	vegetation	35
JCMH	6D	litter	18
JCMH	6D	bareground	0

JCMH	12B	bareground	0
JCMH	12B	nurse log	0
JCMH	12B	vegetation	100
JCMH	12C	litter	5
JCMH	12C	bareground	0
JCMH	12C	nurse log	0
JCMH	12C	vegetation	95
JCMH	12D	litter	60
JCMH	12D	bareground	0
JCMH	12D	nurse log	0
JCMH	12D	vegetation	40
JCMH	12E	litter	10
JCMH	12E	bareground	0
JCMH	12E	nurse log	0
JCMH	12E	vegetation	100
JCMH	12F	litter	15
JCMH	12F	bareground	0
JCMH	12F	nurse log	0
JCMH	12F	vegetation	70
JCMH	13A	litter	5
JCMH	13A	bareground	0
JCMH	13A	nurse log	0
JCMH	13A	vegetation	100
JCMH	13B	litter	50 15
JCMH	13B	bareground	0 0
JCMH	13B	nurse log	55 0
JCMH	13B	vegetation	80 100
JCMH	13C	litter	5
JCMH	13C	bareground	0
JCMH	13C	nurse log	0
JCMH	13C	vegetation	100
JCMH	13D	litter	10
JCMH	13D	bareground	0
JCMH	13D	nurse log	55
JCMH	13D	vegetation	80
JCMH	13E	litter	5
JCMH	13E	bareground	0
JCMH	13E	nurse log	50
JCMH	13E	vegetation	90
JCMH	13F	litter	50
JCMH	13F	bareground	0
JCMH	13F	nurse log	0
JCMH	13F	vegetation	60
JCMH	14A	litter	
JCMH	14A	bareground	

JCMH	15F	vegetation	90
JCMH	16A	litter	45
JCMH	16A	bareground	0
JCMH	16A	nurse log	0
JCMH	16A	vegetation	60
JCMH	16B	litter	50
JCMH	16B	bareground	0
JCMH	16B	nurse log	0
JCMH	16B	vegetation	90
JCMH	16C	litter	5
JCMH	16C	bareground	0
JCMH	16C	nurse log	0
JCMH	16C	vegetation	100
JCMH	16D	litter	95
JCMH	16D	bareground	0
JCMH	16D	nurse log	0
JCMH	16D	vegetation	20
JCMH	16E	litter	25
JCMH	16E	bareground	0
JCMH	16E	nurse log	0
JCMH	16E	vegetation	90
JCMH	16F	litter	50
JCMH	16F	bareground	0
JCMH	16F	nurse log	0
JCMH	16F	vegetation	45
JCMH	17A	litter	60
JCMH	17A	bareground	0
JCMH	17A	nurse log	0
JCMH	17A	vegetation	40
JCMH	17B	litter	90
JCMH	17B	bareground	0
JCMH	17B	nurse log	0
JCMH	17B	vegetation	60
JCMH	17C	litter	50
JCMH	17C	bareground	0
JCMH	17C	nurse log	0
JCMH	17C	vegetation	40
JCMH	17D	litter	30
JCMH	17D	bareground	0
JCMH	17D	nurse log	0
JCMH	17D	vegetation	80
JCMH	17E	litter	80
JCMH	17E	bareground	0
JCMH	17E	nurse log	0
JCMH	17E	vegetation	30

blue spade      yellow spade  
 green clover    red heart  
 yellow clover  
 red clover  
 → not sure which one  
    it was before.