

TABLE 2. Description of morphological characters measured on *Myosotis* herbarium specimens and live plants grown in common garden conditions. ¹ Assessments of corolla and leaf colors were made by eye. An asterisk (*) indicates the six non-plastic characters identified as discriminating between species in the common garden analysis (last column).

Character number	Character description	Qualitative (QUAL) or quantitative (QUANT)	Vegetative (V) or reproductive (R)	Used in the <i>bracteate-prostrate</i> and <i>pygmies</i> and <i>associates</i> data sets	Used in the <i>pygmaea</i> group data set	Used in the two common garden data sets: <i>all adults</i> and <i>flowering</i>
1	Cushion/mat habit = 0, not cushion/mat = 1	QUAL	V	Y		
2	Adventitious roots on inflorescences absent = 0, present = 1	QUAL	V	Y		
3	Rosette leaf attachment petiolate = 0, indistinctly petiolate = 1, sheathing = 2	QUAL	V			Y
4	Rosette leaf apex acute = 0, obtuse = 1	QUAL	V	Y		
5	Rosette leaf apex without hydathode = 0, with hydathode = 1	QUAL	V	Y		
6	Rosette leaf (adaxially) trichomes appressed = 0, patent = 1, erect = 2	QUAL	V	Y	Y	Y*
7	Rosette leaf (adaxially) trichomes orientation relative to midrib parallel = 0, 45° angle = 1	QUAL	V	Y		
8	Rosette leaf margin trichomes appressed = 0, patent = 1, erect = 2	QUAL	V	Y	Y	Y*
9	Retrorse trichomes on the rosette leaf (abaxially) absent = 0, present = 1	QUAL	V	Y	Y	Y
10	Rosette leaf (adaxially) trichomes straight = 0, curved = 1, flexuous = 2	QUAL	V	Y	Y	Y*
11	Uppermost cauline leaf apex obtuse = 0, acute = 1	QUAL	V	Y		
12	Retrorse trichomes on the calyx absent = 0, present = 1	QUAL	R	Y	Y	Y
13	Hooked trichomes on the calyx absent = 0, present = 1	QUAL	R	Y		
14	Density of trichomes inside the mature calyx glabrous = 0, sparsely distributed = 1, densely distributed = 2	QUAL	R	Y		
15	Corolla color white = 0, white with pink lines = 1, creamy-yellow = 2 ¹	QUAL	R			Y
16	Anthers wholly below faucal scales = 0, anther tips only surpassing faucal scales = 1, anthers entirely above faucal	QUAL	R	Y	Y	

	scales = 2					
17	Rosette leaf blade color, bright green = 0, bluish-green = 1, bluish-grey = 2 ¹	QUAL	V			Y
18	Rosette leaf petiole the same color as the blade = 0, different color = 1 ¹	QUAL	V			Y
19	Rosette leaf midrib the same color as the blade = 0, different color = 1 ¹	QUAL	V			Y
20	Rosette leaf (abaxially) trichomes glabrous = 0, solely on midrib = 1, all over = 2	QUAL	V			Y
21	Total number rosette leaves	QUANT	V		Y	Y
2	Rosette leaf petiole length (mm, average of 2)	QUANT	V	Y	Y	Y
23	Rosette leaf petiole width (mm, average of 2)	QUANT	V	Y		
24	Rosette leaf lamina length (mm, average of 2)	QUANT	V	Y	Y	Y
25	Ratio of rosette leaf length to widest point: length (average of 2)	QUANT	V	Y		Y
26	Ratio of rosette leaf length: width (average of 2)	QUANT	V	Y	Y	Y
27	Rosette leaf trichome count/mm ²	QUANT	V	Y	Y	
28	Ratio of rosette leaf trichome length: rosette leaf length	QUANT	V	Y		Y
29	Trichome length rosette and cauline leaves (mm, average of 2 common garden, 4 herbarium)	QUANT	V	Y		Y
30	Lowest cauline leaf petiole length (mm)	QUANT	V	Y	Y	
31	Lowest cauline leaf petiole width (mm)	QUANT	V	Y		
32	Lowest cauline leaf length (mm)	QUANT	V	Y	Y	Y
33	Ratio of lowest cauline leaf length to widest point: length	QUANT	V	Y		Y
34	Ratio of lowest cauline leaf length: width	QUANT	V	Y	Y	Y
35	Uppermost cauline leaf length (mm)	QUANT	V	Y		Y
36	Ratio of uppermost cauline leaf length to widest point: length	QUANT	V	Y		Y
37	Ratio of uppermost cauline leaf length: width	QUANT	V	Y		Y
38	Total number flowers and fruits on longest inflorescences including side branches	QUANT	R			Y
39	Length of longest inflorescence (mm)	QUANT	R	Y	Y	Y
40	Width of scape on longest inflorescence (mm)	QUANT	R	Y		
41	Longest internode length on longest inflorescence (mm)	QUANT	R			Y
42	Calyx length at flowering (mm)	QUANT	R	Y	Y	
43	Pedicel length at fruiting, longest one on longest inflorescence	QUANT	R	Y	Y	Y

	(mm)					
44	Calyx length at fruiting (mm) (mature fruits)	QUANT	R	Y	Y	Y
45	Calyx width at fruiting at tip of calyx lobes (mm) (mature fruits)	QUANT	R		Y	Y
46	Calyx trichome length average (mm) (whole calyx)	QUANT	R	Y		
47	Calyx lobe length at fruiting (mm)	QUANT	R			Y
48	Calyx lobe width at widest point at fruiting (mm)	QUANT	R	Y		
49	Ratio of largest internode at fruiting: lowest cauline leaf length	QUANT	R	Y	Y	Y
50	Ratio of calyx width at tip of lobes: width at base of lobes at fruiting	QUANT	R	Y		Y
51	Ratio of calyx lobe length: calyx length	QUANT	R	Y		Y
52	Nutlet length (mm)	QUANT	R	Y	Y	Y*
53	Ratio of nutlet length: width	QUANT	R	Y	Y	Y*
54	Corolla lobe length (mm)	QUANT	R	Y	Y	Y*
55	Ratio of corolla lobe length: width	QUANT	R	Y		Y
56	Corolla tube length from base to scales (mm)	QUANT	R	Y	Y	
57	Corolla tube width at scales (mm)	QUANT	R	Y	Y	
58	Ratio of corolla tube width at scales: width at base	QUANT	R	Y		
59	Filament length (mm)	QUANT	R	Y		
60	Anther length (mm)	QUANT	R	Y	Y	
61	Ratio of style length: calyx length at flowering	QUANT	R	Y		
62	Ratio of style length: corolla tube length at flowering	QUANT	R	Y		
63	Ratio of style length: calyx length at fruiting	QUANT	R	Y		
64	Corolla diameter (mm) (lobe length × 2, plus width at scales)	QUANT	R			
Total number of characters in each data set				52	26	38