

Table S1. Morphological trait measurements for taxa within the *Quadrupina* complex used in the Principal Component Analysis, including leaf, bract, bractole and corolla characteristics. Data include collector name and collector number for each specimen.

ID	Taxon	Collector	Collector Number	Maxleaf.length.mm	Maxleaf.width.mm	Leaf LW ratio	Rebushes.hairs.present	Glandular.hairs.present	Bractole.max.length.mm	Bractole.max.width.mm	Bractole LW ratio	Bract.max.length.mm	Bract.max.width.mm	Bract LW ratio	Corolla color	Corolla length.mm	
1	<i>B. puberula</i>	Hemming, C.F.; Watson, R.M.	3309	25	8	3.1			0	19	1.5	12.7	28	4	7 blue/purple	30	
2	<i>B. maculosa</i>	Gillatt, J.B.; Hemming, C.F.; Watson, R.M.	22097	30	11	2.7			0	21	1.2	17.5	24	1.8	13.5 white	35	
3	<i>B. glauca</i>	Fris, I.; Scheube Dorothea; Wigo Abbe; Emilia Getachew; Fris, V.	14839	49	8	11			0	1	1.5	13.3	25	6	6.7 blue/purple	31	
4	<i>B. subulsi</i>	Fris, I.; Bédgood, S.; Anseli Italia; Emilia Getachew	10999	35	28.5	1.2			1	16	2	8	17	4.5	3.7 blue/purple	32	
5	<i>B. subulsi</i>	Fris, I.; Scheube Dorothea; Wigo Abbe; Emilia Getachew; Fris, V.	14746	41.5	24	1.7			0	24	2	7.5	17	4.5	3.7 blue/purple	30	
6	<i>B. subulsi</i>	Gilbert, M.G.; Scheube, D.	8628	29	21.5	1.4			0	14	1.5	9.3	19	6	3.2 blue/purple	30	
7	<i>B. subulsi</i>	Gilbert, M.G.; Scheube, D.; Vollmann, K.	8237	56	39	1.4			0	15	2	7.5	20	8.5	2.4 blue/purple	37	
8	<i>B. quadrupina subsp. wiggiana</i>	Bally, P.R.O.	10231 A	23	15	2.2			1	0	1	15	19	2	9.5 not available	20	
9	<i>B. quadrupina subsp. wiggiana</i>	Bally, P.R.O.; McNeill, R.	15292	21	10	2.1			1	0	14	1	14	16	2	8 blue/purple	18
10	<i>B. quadrupina subsp. wiggiana</i>	Gillatt, J.B.; Hemming, C.F.	24579-6	38	14	2.7			0	15	1	15	17	2	8.5 blue/purple	21	
11	<i>B. quadrupina subsp. wiggiana</i>	Bucher, P.	17688	41	17	2.4			1	0	1	20	29	2.5	8.8 blue/purple	20	
12	<i>B. quadrupina subsp. wiggiana</i>	Thompson, D.	79 a	42	19	2.2			1	0	1	15	17	3	5.7 yellow	23	
13	<i>B. quadrupina subsp. wiggiana</i>	Thulin, M.; Hudson, M.; Abdi, M. Dahir.	7420	10	3.7				0	13.5	1	13.5	17.5	1.5	11.7 not available	20	
14	<i>B. quadrupina subsp. wiggiana</i>	Wood, J.R.L.	5/72 99	20	10	2			1	0	19	1.5	12.7	16	2.5	6.4 blue/purple	18
15	<i>B. quadrupina subsp. wiggiana</i>	Gillatt, J.B.; Hemming, C.F.; Watson, R.M.	22257	21	8	2.6			0	16	1	16	17	2	8.5 blue/purple	16	
16	<i>B. quadrupina subsp. wiggiana</i>	Thulin, M.; Hudson, M.; Abdi, M. Dahir.	7389	56	18	3.1			1	0	15	15	18	2	9 blue/purple	30	
17	<i>B. quadrupina subsp. wiggiana</i>	Thulin, M.; Hudson, M.; Abdi, M. Dahir.	7991	40	24	2.5			0	16	0.75	21	18	2	9 blue/purple	18	
18	<i>B. quadrupina subsp. wiggiana</i>	Fris, I.; Morla Tadeo; Vollmann, K.	3002	54	14	2.4			0	14	1.5	9.3	15	2	7.5 blue/purple	29	
19	<i>B. quadrupina subsp. glauca bracteata</i>	Bally, P.R.O.; Smith, A.R.	14586	53	16	3.3			1	1	2	11.5	28	4	9 white	33	
20	<i>B. quadrupina subsp. glauca bracteata</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	7590	60	14	4.3			1	0	22	2	11	24	3	8 white	33
21	<i>B. quadrupina subsp. glauca bracteata</i>	Gillatt, J.B.; Hemming, C.F.	24722	55	12	4.6			1	1	18	1	18	27	3.5	7.7 white	28
22	<i>B. quadrupina subsp. glauca bracteata</i>	Hemming, C.F.; Dodonakis, I.	323	51	13	3.8			1	1	18	1	18	25	2	12.5 white	29
23	<i>B. quadrupina subsp. glauca bracteata</i>	Hemming, C.F.; Dodonakis, I.	279	45	14	3.2			1	1	20	1	20	20	3.8	5.3 white	34
24	<i>B. quadrupina subsp. glauca bracteata</i>	Thulin, M.; Bader, A.; Mohamed	4918	10	3.8				1	1	18	18	22	3	7.3 white	32	
25	<i>B. quadrupina subsp. quadrupina</i>	Bally, P.R.O.; Smith, A.R.	14596	60	12	5			0	1	17	1.5	11.3	21	2.2	9.6 blue/purple	32
26	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Thulin, M.	1628	63	13	4.9			0	1	14	1	14	20	2	10 white	26
27	<i>B. quadrupina subsp. quadrupina</i>	Kierulff, Smith, A.R.	118	68	14.5	4.7			0	1	15	1	15	28	2	10 blue/purple	29
28	<i>B. quadrupina subsp. quadrupina</i>	Burger, W.	887	48	9	5.3			0	1	17	1.5	11.3	21	3.5	6 white	19
29	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.	2881	37	11	3.4			0	18	1.5	12	22	4	5.5 white	18	
30	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Wigo Abbe; Emilia Getachew	12376	42	12	3.5			1	0	20	1	20	22	3.5	6.5 white	17
31	<i>B. quadrupina subsp. quadrupina</i>	Pfaff, Ch.; Ensermu, K.; Deme, S.	820913	50	10	5			1	1	18	1	18	22	2.5	8 white	15
32	<i>B. quadrupina subsp. quadrupina</i>	Bally, P.R.O.	11804	24	6	4			0	1	19	1.5	12.7	23	3	7.7 white	17
33	<i>B. quadrupina subsp. quadrupina</i>	Bally, P.R.O.	9954	41	8	5.1			1	0	19	1.5	12.7	16	3	5.3 blue/purple	18
34	<i>B. quadrupina subsp. quadrupina</i>	Bédgood, S.; Donalga F.; Malaka Legesse; Vollmann K.	4962	20	8	2.5			1	0	16	1.5	10.7	18	2	9 blue/purple	22
35	<i>B. quadrupina subsp. quadrupina</i>	Burger, W.	2224	44	16	2.7			0	1	11	1	11	16	5	3.2 blue/purple	26
36	<i>B. quadrupina subsp. quadrupina</i>	Burger, W.	2280	21	7	3			1	1	15	2	7.5	16	3	5.3 blue/purple	23
37	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Bédgood, S.; Malaka Wondafah; Emilia Getachew	10718	4	8	4.6			1	1	14	1	14	23	4	5.8 white	26
38	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Abbe, W. R. Getachew, E.	15703	56	14	4			1	1	1	18	22	6	3.7 white	30	
39	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Abbe, W. R. Getachew, E.	15650	44	14	3.1			1	1	14	1	14	21	5	4.2 blue/purple	26
40	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Wolter, O.; Abbe, W.; Atem, A. R. Getachew, E.	15095	29	6	4.8			1	1	14	1	14	14	3	4.7 white	21
41	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Bédgood, S.; Anseli Italia; Emilia Getachew	11105	27	7	3.9			1	1	14	1	14	16	4	4 blue/purple	26
42	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Bédgood, S.; Anseli Italia; Emilia Getachew	11106	47	12.5	3.8			1	1	15	1	15	18	3	6 blue/purple	23
43	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Bédgood, S.; Anseli Italia; Emilia Getachew	11077	13	4	5.3			1	1	12	1.5	8.7	17	2.5	6.8 blue/purple	16
44	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Bédgood, S.; Malaka Wondafah; Geta Tefera	9567	14	12	4.6			0	1	14	2.5	5.6	15	3	5 blue/purple	18
45	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Crawford, F.; Wigo Abbe; Emilia Getachew	14091	9	24	11			2	1	2	4.5	11	2	5.5 blue/purple	25	
46	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Crawford, F.; Wigo Abbe; Emilia Getachew	14134	38	13	2.9			1	1	14	2	7	15	3	5 blue/purple	21
47	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Harris, T.; Anseli Italia; Emilia Getachew	13874	56	16	3.5			1	10	2	9.5	21	6.5	4.7 blue/purple	28	
48	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Morla Tadeo; Vollmann, K.	3193	55	14	4			1	1	15	1	15	23	5	4.6 blue/purple	29
49	<i>B. quadrupina subsp. quadrupina</i>	Fris, I.; Scheube Dorothea; Wigo Abbe; Emilia Getachew; Fris, V.	14743	25	11	2.3			1	1	16	2	7	23	6	3.5 blue/purple	24
50	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	8017	30	8	3.7			0	1	1.5	10.7	18	3.5	5.1 blue/purple	21	
51	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	7856	43	10	4.3			1	1	11	1.5	7.3	16	3	5.3 white	25
52	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	7832	42	10	4.2			0	1	10	1	10	18	4	4.5 blue/purple	25
53	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	7439	40	10	4			0	1	19	1	19	22	6	3.7 blue/purple	29
54	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Ensermu, K.; Vollmann, K.	7720	34	10	3.4			1	1	15	1	15	23	6	3.8 blue/purple	25
55	<i>B. quadrupina subsp. quadrupina</i>	Gilbert, M.G.; Phillips, S.	9140	50	16	3.1			0	1	3.5	4	17	3.5	4.9 blue/purple	24	
56	<i>B. quadrupina subsp. quadrupina</i>	Gillatt, J.B.	3994	30	10	3			0	22	2	11	20	3.5	5.7 white	17	
57	<i>B. quadrupina subsp. quadrupina</i>	Goodrich, K.M.	10682	24	8	3			0	1	28	2	14	23	4	5.3 white	22
58	<i>B. quadrupina subsp. quadrupina</i>	Hansen, O.J.; Thometes, H.; Abukar Shabih	6467	17	23	5	4.6		0	1	7	1	17	3.5	6.6 white	22	
59	<i>B. quadrupina subsp. quadrupina</i>	Wood, J.R.L.	5/72 91	40	7	5.71			0	23	4	2	12.5	25	4	6.5 blue/purple	19
60	<i>B. neglecta</i>	Scheube D.; Ensermu, K.	2658	76	15	5.1			1	0	2	8	22	6	3.7 blue/purple	32	
61	<i>B. neglecta</i>	Mooney, H.P.	7796	140	27	5.2			0	1	20	2.5	8	31	7.5	4.1 blue/purple	31
62	<i>B. junc.</i>	Burger, W.	3349	48	25	1.9			0	1	16	2	6.4	26	6	4.9 blue/purple	27
63	<i>B. junc.</i>	James G.	10	44	17	2.6			0	14	2.5	5.6	19	5	3.8 blue/purple	28	
64	<i>B. junc.</i>	Burger, W.	3349	48	25	1.9			0	17	3	5.7	30	13	2.3 blue/purple	30	