



Figure S1. A view of the experimental field.



Figure S2. Caper plantlings after 5 months from the transplanting in open field.



Figure S3. Flowering stage of caper biotypes.



Figure S4. Growth stage of caper plants.



Figure S5. Determination of flower bud diameter.



Figure S6. Determination of flower bud consistency using a penetrometer.

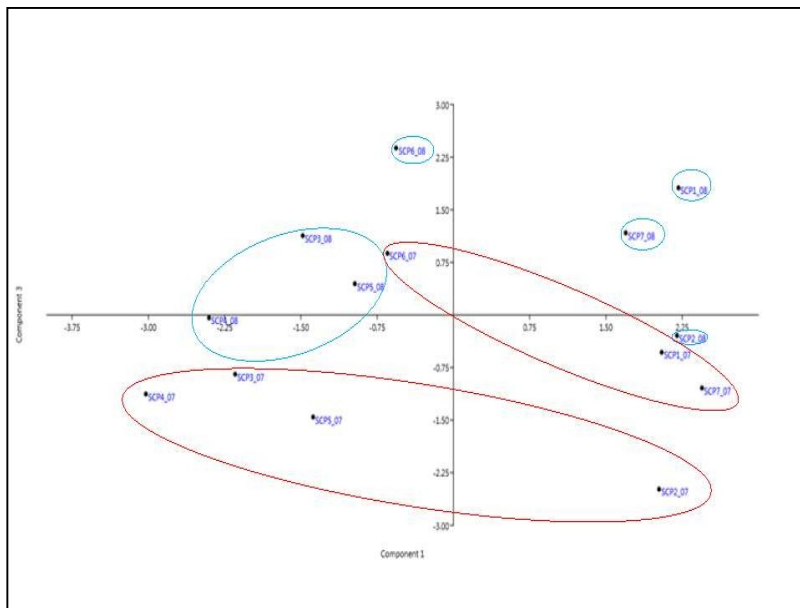


Figure S7. PC3.

Table S1. Average values of the biometric and production parameters of accessions of *Capparis spinosa* subs. *rupestris* in 2007 and 2008.

2007											
Biotype	Flower Bud Fresh Weight (g)	Flower Bud Dry Weight (g)	Weight 100 Flower Bud (g)	Flower Bud Dry Matter (%)	Flower Bud Diameter (mm)	Flower Bud Consistency (g)	Primary Branch Average Length (cm)	Primary Branch Nodes cm ⁻¹ (n)	Secondary Branch/Primary Branch (n)	Flower Buds/Primary Branch (n)	Flower Buds/Secondary Branch (n)
SCP1	422.00 de	73.10 b	20.44 c	17.36 ab	7.75 cd	980.44 a	100.93 d	0.67 bc	5.68 de	34.37 b	14.65 e
SCP2	533.76 a	97.07 a	22.98 b	18.19 ab	8.24 ab	888.05 c	138.98 a	0.71 a	6.22 d	45.27 a	24.84 d
SCP3	425.19 cd	75.96 b	22.12 bc	16.81 b	7.81 bcd	851.08 de	123.28 b	0.63 de	18.79 a	23.81 c	46.49 a
SCP4	484.96 bc	67.33 c	23.64 b	13.88 c	8.08 bc	840.40 e	113.84 c	0.59 e	17.89 b	23.41 c	44.69 a
SCP5	498.70 b	93.00 a	23.16 b	18.82 a	8.53 a	856.89 de	114.14 c	0.66 cd	18.84 a	22.97 c	38.22 c
SCP6	396.38 e	73.54 b	28.49 a	18.55 ab	7.60 d	938.83 b	96.29 d	0.65 cd	17.10 c	23.52 c	41.96 b
SCP7	333.97 f	62.86 c	27.96 a	18.82 a	8.06 bc	942.07 b	111.43 c	0.70 ab	5.56 e	34.40 b	11.58 f
2008											
Biotype	Flower Bud Fresh Weight (g)	Flower Bud Dry Weight (g)	Weight 100 Flower Bud (g)	Flower Bud Dry Matter (%)	Flower Bud Diameter (mm)	Flower Bud Consistency (g)	Primary Branch Average Length (cm)	Primary Branch Nodes cm ⁻¹ (n)	Secondary Branch/Primary Branch (n)	Flower Buds/Primary Branch (n)	Flower Buds/Secondary Branch (n)
SCP1	1641.77 a	301.38 ab	20.81 c	18.23 ab	7.39 b	970.51 a	107.50 d	0.65 ab	5.85 b	37.79 b	15.61 e
SCP2	1801.46 a	344.59 a	22.70 bc	19.10 ab	8.14 ab	885.30 d	139.41 a	0.70 a	6.53 b	47.89 a	26.19 d
SCP3	1661.21 a	293.18 ab	22.05 bc	17.65 b	7.50 ab	860.87 e	131.20 b	0.65 b	19.35 a	27.05 c	47.54 a
SCP4	1743.89 a	254.07 ab	23.17 b	14.57 c	8.22 ab	843.92 e	121.71 c	0.63 b	19.27 a	24.94 c	42.76 b
SCP5	1699.69 a	332.40 a	22.92 bc	19.58 ab	8.44 a	856.30 e	121.70 c	0.65 ab	19.04 a	27.08 c	37.15 c
SCP6	1441.94 ab	281.35 ab	27.75 a	19.48 ab	7.56 ab	912.87 c	103.18 d	0.64 b	17.64 a	25.40 c	40.89 bc
SCP7	1156.37 b	233.08 b	27.65 a	20.13 a	7.87 ab	942.13 b	118.12 c	0.62 b	7.68 b	37.49 b	16.74 e

Means followed by the same letter in the same column are not significantly different according to Tukey's test.