Table S1. Anthocyanins half-life values.

symbol	half-life (days)	
	C3G	P3G
C	44.6 ± 1.3 **a**	60.8 ± 2.3 **a**
Ste200	40.6 ± 1.6 **a**	60.9 ± 0.6 **a**
Ste125	43.1 ± 0.8 **a**	59.6 ± 1.7 **a**
Ste50	43.5 ± 2.3 **a**	60.6 ± 2.5 **a**
RebA200	42.3 ± 1.5 **a**	58.1 ± 0.6 **a**
RebA125	42.3 ± 1.3 **a**	58.7 ± 0.2 **a**
RebA50	44.1 ± 0.1 **a**	59.0 ± 3.1 **a**
Suc	59.4 ± 2.0 **b**	81.2 ± 5.0 **b**
GF	53.1 ± 3.0 **c**	70.2 ± 1.8 **c**
Mix	68.3 ± 1.1 **d**	92.2 ± 2.7 **d**

Sample symbols as in Table 1. Statistical significance of data was determined by Tukey test ($\alpha=0.05$); statistics are separate for each column and are presented in table as lowercase letters.

Table S2. Ascorbic and dehydroascorbic acid degradation rates.

symbol	rate of the reaction (s^{-1}) x10^6	
	k_1 (AA)	k_2 (DHAA)
pH4.0/C	11.66 ± 0.10 **a**	14.27 ± 0.06 **a**
pH4.0/Ste200	10.77 ± 0.05 **b**	8.55 ± 0.12 **b**
pH4.0/Ste125	10.98 ± 0.12 **b**	9.67 ± 0.23 **c**
pH4.0/Ste50	11.19 ± 0.04 **c**	10.47 ± 0.24 **d**
pH4.0/Suc	9.68 ± 0.08 **d**	10.75 ± 0.16 **b**
pH3.6/C	5.71 ± 0.05 **e**	7.30 ± 0.15 **e**
pH3.6/Ste200	4.80 ± 0.02 **f**	4.36 ± 0.06 **f**
pH3.6/Ste125	5.04 ± 0.05 **g**	5.14 ± 0.39 **f**
pH3.6/Ste50	5.28 ± 0.02 **h**	5.25 ± 0.03 **g**
pH3.6/Suc	4.79 ± 0.07 **h**	5.64 ± 0.11 **f**
pH3.2/C	4.43 ± 0.03 **i**	5.43 ± 0.13 **f**
pH3.2/Ste200	3.44 ± 0.04 **j**	3.16 ± 0.01 **gh**
pH3.2/Ste125	3.76 ± 0.06 **jk**	3.64 ± 0.01 **hi**
pH3.2/Ste50	3.90 ± 0.02 **l**	3.81 ± 0.00 **i**
pH3.2/Suc	3.65 ± 0.03 **k**	4.05 ± 0.12 **gh**

Sample symbols as in Table 2. Statistical significance of data was determined by Tukey test ($\alpha=0.05$); statistics are separate for each column and are presented in table as lowercase letters.