

Appendix 4.2.2: Summary of fruit development in *Alternanthera* species.

CHARACTERS			<i>A. sessilis</i> 'Red'							
			Days after flower anthesis							
			1	3	5	7	9	11	13	15
Size	width (mm)		0.60 ± 0.10	0.95 ± 0.18	1.69 ± 0.29	1.67 ± 0.25	1.83 ± 0.20	1.86 ± 0.24	1.85 ± 0.17	1.80 ± 0.25
	length (mm)		0.48 ± 0.09	0.76 ± 0.16	1.13 ± 0.16	1.44 ± 0.23	1.52 ± 0.17	1.51 ± 0.19	1.60 ± 0.16	1.47 ± 0.19
Anthers	number of persistent anthers		2.90 ± 0.37	2.35 ± 0.80	1.60 ± 0.75	1.63 ± 0.67	1.20 ± 0.45	0	0	0
	colour		yellow	creamy	creamy	brown	n.a.	n.a.	n.a.	n.a.
Stigma	colour		white/ yellow	white / creamy	creamy/ light brown	light brown	brown	brown	brown	brown
Ovary	wall colour	area excluding ovule	red	red	red	red	red	red	red	red
		ovule	light green	light green	light green	light green	light green	light green/ creamy	light green/ creamy	creamy/ brown
		whole part	applied on <i>A. brasiliana</i> only							
	wall structure	translucent	√	√	√	√	√			
		partly translucent						√	√	
	not translucent								√	
Ovule	colour		light green	light green	light green	light green	creamy	creamy	brown	brown

Key to the symbol used:

n.a.: not available; √: present; x: absent

Appendix 4.2.2: Continued.

CHARACTERS			<i>A. sessilis</i> 'Red'							
			Days after flower anthesis							
			1	3	5	7	9	11	13	15
Size	width (mm)		0.60 ± 0.10	1.09 ± 0.19	1.36 ± 0.21	1.63 ± 0.21	1.67 ± 0.14	1.85 ± 0.19	1.73 ± 0.26	1.91 ± 0.20
	length (mm)		0.53 ± 0.12	0.87 ± 0.18	1.05 ± 0.16	1.31 ± 0.22	1.44 ± 0.19	1.55 ± 0.17	1.38 ± 0.21	1.59 ± 0.21
Anthers	number of		3	1.73 ± 0.77	1.50 ± 0.58	1.80 ± 0.68	1.43 ± 0.53	0	0	0
	colour		yellow	light yellow	creamy	creamy	brown	na	na	na
Stigma	colour		white/ yellow	white/ yellow	creamy/ light brown	light brown	light brown	brown	brown	brown
Ovary	wall colour	area excluding ovule	light green	light green	light green	light green/ creamy	light green/ creamy	creamy	creamy	creamy
		ovule	light green	light green	light green	light green/ creamy	light green/ creamy	creamy/ brown	creamy/ brown	brown
	wall structure	whole part				applied on <i>A. brasiliensis</i> only				
		translucent	√	√	√					
		partly translucent				√	√	√		
not translucent							√	√		
Ovule	colour		light green	light green	light green	light green	creamy	creamy	brown	brown

Key to the symbol used:  
n.a.: not available; √: present; x: absent

Appendix 4.2.2: Continued.

CHARACTERS			<i>A. brasiliiana</i> (parent plants)					
			Days after flower anthesis					
			1	3	5	7	9	11
Size	width (mm)		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	length (mm)		n.a.	0.96 ± 0.16	1.18 ± 0.05	1.51 ± 0.12	1.77 ± 0.12	2.05 ± 0.05
Anthers	number of		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	colour							
Stigma	colour		light green	light green	light brown	brown	brown	brown
Ovary	wall colour	area excluding ovule	applied on <i>A. sessilis</i> only					
		whole part	light green	light green	light brown	light brown	light brown	brown
	wall structure	translucent	√	√	√			
		partly translucent				√		
		not translucent					√	√
		colour	light green	light green	light green	creamy	creamy	brown
Ovule								

Key to the symbol used:

n.a.: not available; √: present; x: absent