

Table S1. Measures of the Long, Intermediate and Short axes of boxwork and praline rhodoliths of the three studied sites.

Replica	Morphotype	Measurements		
		Long (cm)	Intermediate(cm)	Short (cm)
Is Piscadeddus 1	Pralines	3.4	2.9	2.8
		3.8	3.4	1.3
		2.7	2.4	2.1
		2.3	1.8	1.5
		2.0	1.7	1.6
Is Piscadeddus 2	Pralines	4.0	3.1	2.1
		3.7	1.5	0.6
		4.1	2.1	1.2
		2.9	2.8	1.7
		2.2	1.3	1.0
Is Piscadeddus 3	Pralines	7.1	6.4	1.6
		4.0	2.5	1.8
Santa Caterina 1	Boxwork	9.9	6.8	4.5
		7.6	6.4	5.1
		6.3	5.8	4.0
		7.5	6.3	4.6
		5.9	4.5	3.7
		5.8	4.3	3.9
		7.9	6.0	2.5
		6.3	4.8	3.7
		5.9	5.5	3.2
		6.0	4.0	2.2
		5.4	4.4	3.8
		5.1	3.9	2.9
		5.6	4.5	2.9
		4.6	3.8	2.2
		5.2	4.0	3.3
		4.7	4.4	3.5
		5.0	3.7	2.6
		3.8	3.1	1.7
		3.6	3.1	1.8
		3.8	2.5	1.4
		3.3	3.2	2.5
		3.0	2.4	1.6
	Pralines	4.1	2.6	2.3
		5.1	3.9	3.4
		4.0	3.0	2.1
		4.0	2.6	1.9
		3.5	2.8	2.2
		3.1	3.0	2.3
		3.2	2.7	2.1
		3.0	2.9	1.6
		3.7	2.6	2.0
		3.2	2.6	2.2

		3.6	3.4	0.8
		3.7	3.4	1.3
		3.2	2.3	1.3
		3.1	3.0	1.7
		2.6	2.3	1.4
		2.5	2.5	1.3
		2.7	2.1	2.1
		2.9	2.5	2.0
		3.0	2.5	2.1
		2.5	2.3	1.4
Santa Caterina 2	Boxwork	8.8	5.7	5.1
		7.5	5.0	4.8
		6.1	5.7	4.3
		6.0	4.6	3.5
		5.3	3.8	2.6
		5.1	3.2	2.4
		5.0	4.7	3.6
		4.4	1.6	1.4
		4.1	3.8	2.7
		3.7	2.7	2.1
	Pralines	5.9	5.1	4.6
		5.1	4.0	2.7
		4.9	3.9	3.6
		4.9	4.2	3.3
		4.5	3.6	2.7
		4.9	3.9	2.9
		4.6	4.2	3.1
		4.8	3.8	2.3
		4.4	3.7	3.2
		4.3	3.9	3.0
		4.2	2.8	2.0
		3.5	2.3	2.0
		3.1	2.7	2.4
		3.7	2.3	2.1
		3.9	3.6	1.4
		4.4	2.2	1.2
		3.5	2.2	1.5
		3.4	3.1	1.4
		3.9	2.6	2.3
		3.6	3.1	1.8
		3.3	2.6	2.5
		3.3	2.7	2.4
		3.2	2.9	2.5
		3.0	2.1	1.5
		3.0	2.2	1.6
		2.7	2.0	1.2
		2.9	2.4	1.8
Santa Caterina 3	Boxwork	9.0	8.2	6.1
		7.7	5.7	4.8

		6.7	4.7	3.2
		5.0	4.6	3.2
		5.0	3.8	3.7
		5.3	4.4	2.8
		2.7	1.8	1.4
	Pralines	5.1	4.5	3.1
		4.9	4.4	2.6
		4.6	3.6	2.9
		3.9	3.1	3.0
		3.8	3.3	2.3
		4.9	3.8	2.3
		4.3	3.0	1.9
		4.0	3.1	2.0
		3.4	2.7	2.4
		4.1	2.7	2.2
		3.5	2.8	2.1
		3.7	3.1	2.4
		2.9	2.0	1.8
		3.5	2.9	1.9
		3.5	3.5	2.7
		3.1	2.7	2.5
		2.8	2.8	2.2
		2.9	2.6	1.2
		3.1	2.9	1.4
		2.9	2.6	1.1
		3.2	2.5	1.6
		3.1	2.1	1.4
		2.9	2.2	2.1
		3.1	2.6	2.0
		3.4	2.7	1.4
		2.7	2.0	1.3
		2.4	2.2	1.7
Serpentara 1	Pralines	3.1	2.7	2.3
		3.3	2.5	2.1
		3.0	2.9	2.4
		2.8	2.1	2.0
		2.5	2.2	1.7
		1.9	1.7	1.7
		2.8	2.3	1.6
		2.5	1.6	1.5
		2.2	2.1	1.8
		2.4	2.0	1.4
		2.6	1.9	1.2
		2.2	2.0	1.2
		2.7	2.1	1.4
		2.0	1.8	1.1
		2.0	1.7	1.2
		1.9	1.8	1.4

Serpentara 2	Pralines	2.0	1.3	1.2
		4.1	3.5	3.0
		3.3	2.7	2.4
		4.5	2.8	1.5
		3.7	3.5	2.1
		3.3	2.9	2.1
		2.9	2.5	2.3
		2.8	2.4	1.8
		3.1	2.1	0.6
		2.6	2.4	1.7
		2.8	1.8	1.7
		3.5	1.8	1.4
		2.3	2.3	2.1
		2.6	1.8	1.1
		2.6	2.2	1.2
		2.1	1.9	1.7
		2.7	2.3	1.7
		2.5	1.8	1.4
		2.5	2.0	1.5
		2.4	2.2	1.3
		2.1	2.1	1.5
		2.3	1.9	1.7
		2.2	2.0	1.4
		2.6	1.8	0.5
		2.4	2.1	1.3
		2.2	2.0	1.4
		2.5	2.0	1.3
		2.2	2.0	1.8
		2.4	2.0	1.6
		2.5	1.9	1.6
		2.6	2.3	1.4
		2.3	2.0	1.6
		2.3	1.8	1.2
		2.7	2.2	1.4
2.3	1.9	1.3		
Serpentara 3	Pralines	4.2	4.0	2.3
		2.9	2.8	2.7
		3.8	2.9	2.5
		3.1	2.8	2.5
		3.6	2.5	2.3
		2.9	2.9	2.7
		2.9	2.1	2.0
		2.9	2.4	1.4
		2.8	1.9	1.3
		2.5	1.9	1.8
		2.4	1.8	1.6
		2.8	2.1	1.8
		2.3	2.1	1.6

2.3	2.2	0.8
2.1	2.0	1.6
2.4	1.8	1.6
2.4	1.5	1.2
2.3	1.9	1.5
