Table S1. Detailed information about individuals from the seven populations of *Mesocrista* Pilato, 1987 used in different analyses in the study.

Sample code	Number of individuals used in different analyses in the study			
	Imaging of entire individuals in LM	Imaging of entire individuals in SEM	Imaging of bucco-pharyngeal apparatuses in SEM	DNA extraction
NO.007	5	0	0	1
NO.021	5	0	1	2
NO.023	4	0	0	0
NO.026	0	0	1	0
PL.001	7	3	0	4
PL.021	1	0	4	2
PL.059	17	0	0	6

Table S2. The p-distance matrix for 28S sequences of *Mesocrista* spp. (all values in %).

Sequence	Mes.rev_haplotype 1	Mes.rev_haplotype 2	Mes.rev_haplotype 3	Mes.rev_haplotype 4
Mes.rev_haplotype 1				
Mes.rev_haplotype 2	0.6			
Mes.rev_haplotype 3	0.1	0.4		
Mes.rev_haplotype 4	0.3	0.6	0.1	
Mes.spi	2.6	2.6	2.4	2.3

Table S3. The p-distance matrix for ITS-2 sequences of *Mesocrista* spp. (all values in %).

Sequence	Mes.rev_haplotype 1	Mes.rev_haplotype 2	Mes.rev_haplotype 3
Mes.rev_haplotype 1			
Mes.rev_haplotype 2	0.3		
Mes.rev_haplotype 3	0.8	0.5	
Mes.spi	13.5	13.2	12.9

Table S4. The p-distance matrix for COI sequences of *Mesocrista* spp. (all values in %).

Sequence	Mes.rev_haplotype 1	Mes.rev_haplotype 2	Mes.rev_haplotype 3	Mes.rev_haplotype 4
Mes.rev_haplotype 1				
Mes.rev_haplotype 2	0.6			
Mes.rev_haplotype 3	0.1	0.3		
Mes.rev_haplotype 4	0.8	0.8	1.1	
Mes.spi	25.3	25.6	25.8	25.6