Table S4: Likelihood search for a common center (coincidence) and slope (concordance) for eight genetic clines (seven microsatellites, mtDNA). For each locus, constrained and unconstrained models were compared using likelihood-ratio tests (LRT). LL: log(likelihood) of the model; D: LRT statistics, significance indicated (* = p-value < 0.05; ** = p-value < 0.01); loci with significant LRT were excluded from partially constrained models and fitted independently. The four models were compared globally using AIC (k: number of parameters), corrected for large numbers of parameters (AIC*c*).

	Transect A									
	no constrain	Center constrained		Slope constrained		Center and slope constrained				
	LL	LL	D	LL	D	LL	D			
Bcal10	-93.6	-94.7	2.3	-95.7	4.3*	-95.0	2.8			
C203	-93.2	-95.7	4.95*	-97.8	9.1**	-95.7	5.0			
D105	-94.2	-99.9	11.5**	-94.2	8.1E-02	-99.9	11.6**			
D210	-77.8	-78.3	1.1	-78.3	1.1	-78.4	1.2			
D106	-110.4	-110.5	0.2	-111.1	1.5	-110.7	0.6			
C205	-68.3	-68.4	0.1	-68.3	1.3E-02	-68.4	0.2			
C107	-88.2	-88.2	2.8E-04	-88.2	2.0E-03	-88.2	3.4E-03			
D-loop	-54.2	-58.5	8.7**	-58.5	8.7**	-58.5	8.7*			
partially constrained		-440.2		-439.7		-536.3				
all	-679.7	-681.7	3.9	-680.7	1.9	-684.6	9.7			
k	48	44		44		38				
AIC	1455.5	1451.4		1449.4		1445.2				
AICc	1576.1	1543.5		1541.5		1505.7				

	Папосос В									
	no constrain	Center constrained		Slopeconstrained		Center and slope				
						constrained				
	LL	LL	D	LL	D	LL	D			
Bcal10	-112.2	-112.3	4.7E-02	-112.2	1.8E-04	-112.3	0.1			
C203	-144.6	-144.6	8.2E-03	-144.6	2.0E-06	-144.6	8.8E-03			
D105	-133.1	-133.4	0.5	-133.3	0.3	-134.8	3.4			
D210	-102.5	-102.9	0.8	-102.5	6.5E-03	-102.9	0.8			
D106	-123.2	-131.0	15.6**	-123.2	6.7E-04	-131.0	15.6**			
C205	-104.8	-105.0	0.4	-105.0	0.4	-105.0	0.4			
C107	-113.7	-113.8	2.0E-02	-118.4	9.3**	-114.5	1.6			
D-loop	-66.2	-79.6	26.8**	-79.6	26.8**	-79.9	27.3**			
partially constrained		-711.8		-722.2		-715.9				
all	-900.4	-901.3	1.7	-902.2	3.6	-905.3	9.8			
k	48	43		43		38				
AIC	1896.8	1888.5		1890.4		1886.6				
AICc	1973.9	1945.8		1947.7		1928.4				

Transect B