



Figure 1. Diagrams of the quality representation for species on the PC1 (A) and PC2 (B). A high value of cos2 indicates a good representation..

Table 1. Results of radiocarbon dating together with calibrated and modeled ages.

No.	Lab. code	Depth cm	¹⁴ C age BP	¹⁴ C unc.	Calibration results 68.3% = conf. int cal BP	Modelled 68.3% = conf. int (μ ± σ) cal BP
1	GdA-6218	744	9,410	50	10,700– 10,575	11,630– 11,506 (10,563±58)
2	GdA-6220	750	9,310	50	11,580– 10,419	10,688– 10,550 10,621±54
3	GdA-6223	769	9,700	50	11,205– 10,895	11,205– 11,117 11,148±65
4	GdA-5853	780–781	10,095	80	11,821– 11,404	11,523– 11,326 11,438±96
5	GdA-5853	811–812	9,920	70	11,600– 11,236	11,607– 11,455 11,531±73
6	Beta-570624	844	10,530	30	12,618– 12,488	
7	GdA-5854	861–862	10,115	50	11,825– 11,507	11,875– 11,655 11,766±90
8	GdA-5732	872–873	10,320	90	12,453– 11,942	12,099– 11,890 12,010±98

9	GdA-5734	880–881	10,365	60	12,461– 12,049	12,251– 12,041 12,156±102
10	GdA-5736	910–911	10,645	65	12,722– 12,623	12,691– 12,626 12,662±32
11	GdA-5738	934–935	11,300	80	13,291– 13,116	13,307– 13,163 13,237±75
12	GdA-5740	943–944	12,050	65	14,030– 13,809	13,941– 13,796 13,886±82