

**Table S2.** Concentrations (µg/g) of lipids and their oxidation products in Negev Loess deposits (means of triplicates).

	C <sub>18:1ω9</sub> acid	C <sub>16:1ω7</sub> acid	C <sub>18:1ω7</sub> acid	C <sub>22:1ω13</sub> acid	Cholesterol	Campesterol	Sitosterol	DHAA	α-amyrin	β-amyrin
Residual compound	43.0	5.8	5.1	6.4	8.8	0.5	0.6	4.1	0.024	0.027
Oxidation products	1.4	0.1	0.09	0.03	0 <sup>a</sup>	0.002	0.003	0 <sup>a</sup>	0.017	0.05

<sup>a</sup> not detected (< LOD = 0.001 µg/g) (determined with a ratio signal to noise > 5)