

Table 1. Details of the samples taken from the literature. The numbering corresponds to that in Fig. 4.

No.	Locale	Layer(s)	Method	Context	Disturbed?	Reference
<i>NE fan</i>						
10	Giessen	5	'careful sieving' (Weyl 1961, p. 334)	Stratigraphy in quarry; cut former lake sediments	Weyl (1961, p. 334) found the sediment to consist of 'almost pure tephra', the grains 'rounded', but all minerals 'fresh'	Weyl (1961)
11	Marburg (Lahn)	Ia, Ib, IIa, IIb and upper layer	Not known (sieving?)	Peat deposit	Layers Ia to IIb thought to be 'primary tephra' deposits (Lang 1954, p. 365)	
12	Bettenroder Berg I	16	First sieved to < 2 mm, then to < 20 µm; settling method of Köhn (1928) to < 2 µm	Stratigraphy in rock-shelter site investigated during the course of excavation	'The deposited tephra material is represented in its original grain-size composition' (Ahl and Meyer 1994, p. 50)	Ahl and Meyer (1994)
13	Bettenroder Berg IX	VI	See text	Stratigraphy in rock-shelter site investigated during the course of excavation	Not known, but see Bettenroder Berg I above	This study
14	Luttersee	a (5.0 to 6.5 cm) and c (3.0 to 3.7 cm) above the lower margin of the tephra layer)	2 times 100 particles (pyroxenes) larger than 10 µm were counted under the microscope and averaged; individual grains of up to (but no larger than) 200µm do occur	Core of lake deposits	Frechen (1952, p. 211 and 213) found the glass and tephra particles 'mostly very sharp' and 'traces of rounding were not observed'	Frechen (1952)
15	Frankleben	a (3.0 to 3.7 cm) and b (0.5 to 1.5 cm) above the lower margin of the tephra layer)	As above	Stratigraphy in quarry; cut former lake sediments	Not known	Frechen (1952)
<i>SW fan</i>						
1	Booser Weiher	n/a	Sieving	Peat deposits in volcanic maar	Considered to be of 'primary volcanic origin' (Jungerius et al. 1968, p. 203)	Jungerius et al. (1968)
2	Moosbrucher Weiher	n/a	Sieving	Peat deposits in volcanic maar	As above	Jungerius et al. (1968)
3	Schalckenmehrener Maar	n/a	Sieving	Peat deposits in volcanic maar	As above	Jungerius et al. (1968)
4	Mürmes	n/a	Sieving	Peat deposits in volcanic maar	As above	Jungerius et al. (1968)
5	Strohner Maarchen	n/a	Sieving	Peat deposits in volcanic maar	'No pure ash was found in the peat of this volcanic depression'	Jungerius et al. (1968)

6	Hitsche	n/a	Sieving	Peat deposits in volcanic maar	(Jungerius et al. 1968, p. 200) Considered to be of 'primary volcanic origin' (Jungerius et al. 1968, p. 203)	Jungerius et al. (1968)
7	Hinkelsmaar	n/a	Sieving	Peat deposits in volcanic maar	As above	Jungerius et al. (1968)
8	Vance	n/a	Sieving	Peat deposits	As above	Jungerius et al. (1968)