

Online Resource 3 Substrate composition; mean of 4-8 mappings per spring. 0: 0%; 1: 1–20%; 2: 20–40%; 3: 40–60%; 4: 60–90%, 5: >100 % areal coverage.

site	moss	roots	wood	detritus	vegetation	silt/clay	sand	fine gravel	coarse gravel	stones	blocs
Q_VF1	3.8	0.4	1.1	0.7	0.0	0.1	1.0	1.1	1.5	2.1	1.1
Qbr_VF1	0.1	0.9	1.3	2.0	0.8	0.3	1.8	1.8	1.3	0.9	0.3
Q_VF2	3.5	0.8	1.9	1.2	0.6	0.2	0.9	1.3	1.6	1.7	0.7
Qbr_VF2	3.2	0.9	1.5	1.0	1.1	0.3	1.0	1.7	2.0	1.8	0.1
Q_VF3	1.9	1.0	2.6	1.0	0.4	0.1	1.0	1.5	1.9	1.8	0.8
Qbr_VF3	1.0	1.0	1.5	1.0	0.3	0.1	1.1	1.4	1.8	3.0	0.5
Q_VF5	3.1	0.8	1.5	1.0	1.1	0.3	1.0	1.7	2.0	1.7	0.1
Qbr_VF5	0.8	0.1	0.9	2.0	0.5	0.3	1.0	2.3	2.1	0.4	0.0
VA2	2.9	0.6	1.5	1.7	0.8	0.9	1.1	1.1	1.2	1.9	3.0
Punt Periv	4.0	0.5	1.5	1.4	0.5	0.4	1.1	1.1	1.3	2.1	1.0
Q_Pluogls	3.6	0.6	0.9	1.8	1.3	0.7	1.1	1.1	1.3	0.9	0.1
Qbr_Pluogls	1.8	0.8	0.8	3.0	0.6	1.2	1.0	1.0	1.2	0.4	0.0
Weger	3.9	0.0	0.0	1.3	0.6	0.3	0.6	0.9	1.4	2.2	0.9
Q1_Bescha	1.8	0.1	0.1	0.1	0.4	0.0	0.6	1.0	1.3	2.8	2.6
Q2_Bescha	2.1	0.0	0.5	1.5	2.9	0.1	1.1	1.5	1.3	1.0	0.3
Qbr_Bescha	0.9	0.0	0.4	0.3	0.8	0.0	1.0	1.0	1.0	2.3	2.8
Q1_Posa	3.8	0.3	0.8	0.5	0.0	0.0	0.3	1.0	1.5	2.6	0.1
Q2_Posa	1.0	0.5	1.5	2.0	0.6	0.0	1.0	1.1	1.8	2.8	1.0
Laider	1.4	0.6	0.9	0.9	0.5	0.1	0.9	1.3	2.3	2.4	1.1
Q_Ravit	2.9	0.5	1.0	1.1	0.3	0.6	1.0	1.0	2.0	2.4	1.0
Qbr_Ravit	1.0	0.8	1.1	1.8	0.3	0.5	1.1	1.0	2.0	1.8	1.0
Q_Tiats	3.1	0.6	1.0	1.9	0.9	0.4	1.0	1.0	2.0	2.1	1.0
Qbr_Tiats	1.5	0.0	1.0	1.6	0.8	0.1	2.0	1.3	1.3	1.4	1.1
Q_Taman	0.9	0.0	0.4	1.0	3.4	0.1	0.6	0.9	1.4	1.5	1.1
Qbr_Taman	1.2	0.0	0.0	1.5	2.2	0.0	1.0	1.3	1.3	1.2	1.0