Table 6. List of integrated AGF maps and the element associations in different sample media included in each map. SSE=stream sediment, CHO_{ar}= aqua regia extractable concentration of the <2 mm fraction of the soil C-horizon, till= aqua regia leachable part of the <0.06 mm fraction of till, CHO_{tot}=total concentration of the <2 mm fraction of the soil C-horizon, SW=stream and lake water.

Name (index) of integrated map	Composition of integrated map (elements associations and sampling media)
M1all_an	$M_1(Co,Cr,Ni,Cu,V)_{sse}$, $M_1(Co,Cr,Ni,Cu,V)_{till}$, $M_1(Co,Cr,Ni,Cu,V)_{CHOar}$, $M_1(Co,Cr,Ni,Cu,V)_{CHOtot}$ for Estonia and Latvia only
M1all-1_an	$M_1(Co,Cr,Ni,Cu,V)_{sse}$, $M_1(Co,Cr,Ni,Cu,V)_{till}$, $M_1(Co,Cr,Ni,Cu,V)_{CHOar}$, $M_1(Co,Cr,Ni,Cu,V)_{CHOtot}$ for Estonia and Lithuania only, $M_1(Co,Cr,Ni,Cu,V)_{sw}$
M2all_an	$M_2(Fe,Mn)_{sse}$, $M_2(Fe,Mn)_{till}$, $M_2(Fe,Mn)_{CHOar}$, $M_2(Fe,Mn)_{CHOtot}$ for Estonia and Latvia only
M3all_an	$M_4(Cd,Mo,Pb,Zn,As)_{sse}$, $M_4(Zn,Pb,Mo)_{till}$, $M_3(Cd,Mo,As,Sb,Bi)_{CHOar}$, $M_4(Pb,Zn)_{CHOar}$, $M_4(Mo,Pb,Zn)_{CHOtot}$ for Estonia and Lithuania only
M3all-1_an	$M_4(Cd,Mo,Pb,Zn,As)_{sse}$, $M_4(Zn,Pb,Mo)_{till}$, $M_3(Cd,Mo,As,Sb,Bi)_{CHOar}$, $M_4(Pb,Zn)_{CHOar}$, $M_4(Mo,Pb,Zn)_{CHOtot}$ for Estonia and Lithuania only, $M_4(Zn,Pb,Cd)_{sw}$.
.M4all_an	$M_5(Ce,La,Nb,Th,Y)_{sse}$, $M_7(Be,Zr,Ti,Sc)_{sse}$, $M_{11}(Al,Ba)_{sse}$, $M_9(P,U,Sr)_{sse}$, $M_5(Zr,Sr,Ti,P,La)_{till}$, $M_9(Be,P,Sr)_{CHOar}$, $M_{11}(B,Al,Ba)_{CHOar}$, $M_5(Ce,La,Sn,U,Y)_{CHOtot}$, $M_6(Zr,Nb,Th)_{CHOtot}$.
M4all-1_an	$M_5(Ce,La,Nb,Th,Y)_{sse}$, $M_7(Be,Zr,Ti,Sc)_{sse}$, $M_{11}(Al,Ba)_{sse}$, $M_9(P,U,Sr)_{sse}$, $M_5(Zr,Sr,Ti,P,La)_{till}$, $M_9(Be,P,Sr)_{CHOar}$, $M_{11}(B,Al,Ba)_{CHOar}$, $M_5(Ce,La,Sn,U,Y)_{CHOtot}$, $M_6(Zr,Nb,Th)_{CHOtot}$., $M_{14}(Mo,U)_{sw}$.
M4all-2_an	$M_5(Ce,La,Nb,Th,Y)_{sse}$, $M_7(Be,Zr,Ti,Sc)_{sse}$, $M_{11}(Al,Ba)_{sse}$, $M_9(P,U,Sr)_{sse}$, $M_5(Zr,Sr,Ti,P,La)_{till}$, $M_9(Be,P,Sr)_{CHOar}$, $M_{11}(B,Al,Ba)_{CHOar}$, $M_5(Ce,La,Sn,U,Y)_{CHOtot}$, $M_6(Zr,Nb,Th)_{CHOtot}$., $M_{14}(Mo,U)_{sw}$, $M_{16}(Al,V,Th)_{sw}$.
M(1_2)all_an	M1all_an, M2all_an.
M(1_3)all_an	M1all_an, M2all_an, M3all_an.
Mall_an	M1all_an, M2all_an, M3all_an, M4all_an.
Mall-1_an	M1all_an, M2all_an, M3all_an, M4all_an, $M_{14}(MoU)_{sw}$.
Mall-2_an	M1all_an, M2all_an, M3all_an, M4all_an, $M_{14}(Mo,U)_{sw}$, $M_4(Zn,Pb,Cd)_{sw}$.
Mall-3_an	M1all_an, M2all_an, M3all_an, M4all_an, $M_{14}(Mo,U)_{sw}$, $M_4(Zn,Pb,Cd)_{sw}$, $M_1(Ni,Cu,Co,Cr)_{sw}$.
Mall-4_an	M1all_an, M2all_an, M3all_an, M4all_an, $M_{14}(Mo,U)_{sw}$, $M_4(Zn,Pb,Cd)_{sw}$, $M_1(Ni,Cu,Co,Cr)_{sw}$, $M_{16}(Al,V,Th)_{sw}$.
Mallsse_an	$M_1(Co,Cr,Ni,Cu,V)_{sse}$, $M_2(Fe,Mn)_{sse}$, $M_4(Cd,Mo,Pb,Zn,As)_{sse}$, $M_5(Ce,La,Nb,Th,Y)_{sse}$, $M_7(Be,Zr,Ti,Sc)_{sse}$, $M_{11}(Al,Ba)_{sse}$, $M_9(P,U,Sr)_{sse}$.
Mallchoar_an	$M_1(Co,Cr,Ni,Cu,V)_{CHOar}$, $M_2(Fe,Mn)_{CHOar}$, $M_3(Cd,Mo,As,Sb,Bi)_{CHOar}$, $M_4(Pb,Zn)_{CHOar}$, $M_9(Be,P,Sr)_{CHOar}$, $M_{11}(B,Al,Ba)_{CHOar}$
Mallchotot_an	$M_1(Co,Cr,Ni,Cu,V)_{CHOtot}$ for Estonia and Latvia only, $M_2(Fe,Mn)_{CHOtot}$ for Estonia and Latvia only, $M_4(Mo,Pb,Zn)_{CHOtot}$ for Estonia and Lithuania only, $M_5(Ce,La,Sn,U,Y)_{CHOtot}$, $M_6(Zr,Nb,Th)_{CHOtot}$.
Malltill_an	$M_1(Co,Cr,Ni,Cu,V)_{till}$, $M_2(Fe,Mn)_{till}$, $M_4(Zn,Pb,Mo)_{till}$, $M_5(Zr,Sr,Ti,P,La)_{till}$.