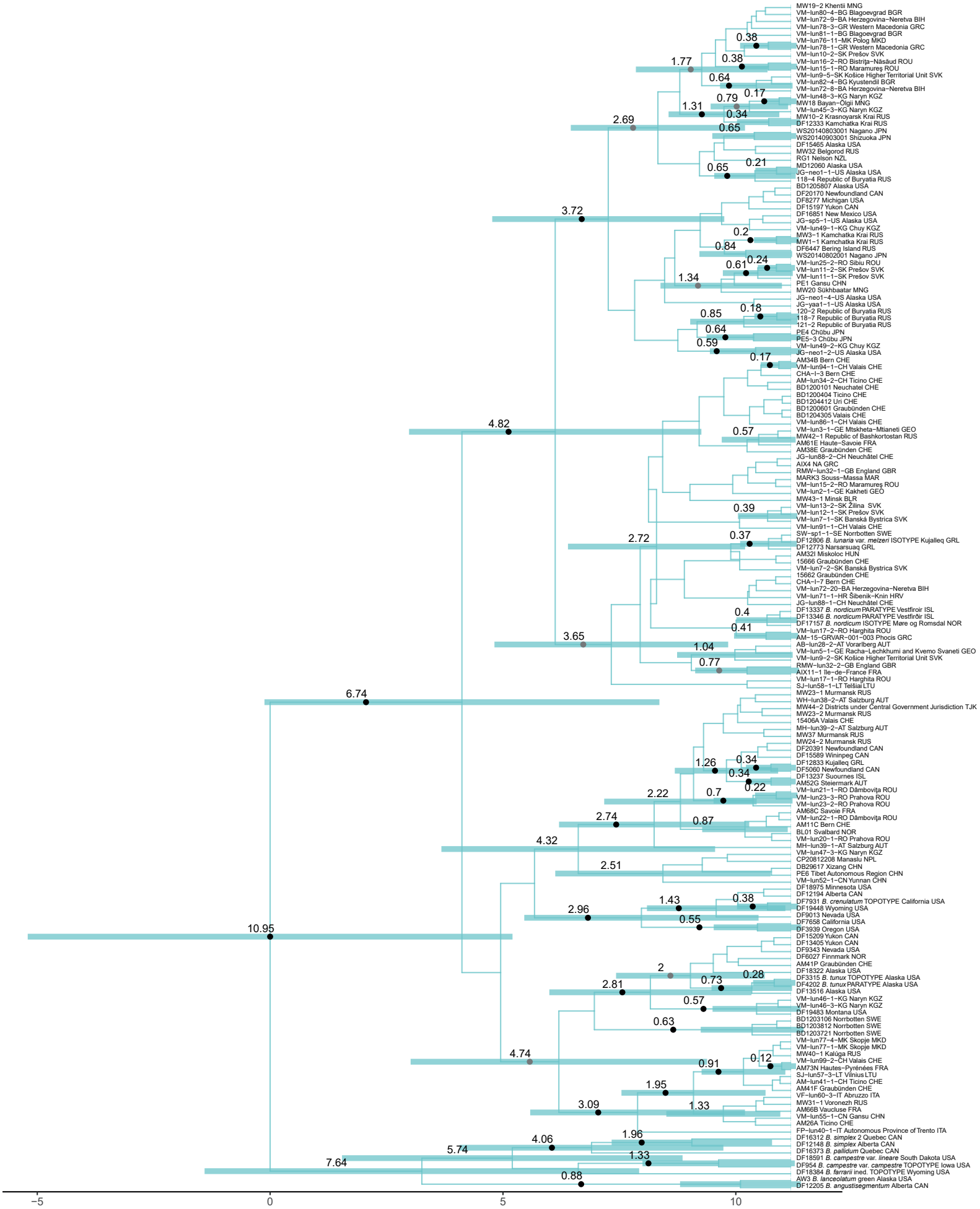
MW19−2 Khentii MNG
VM−lun80−4−BG Blagoevgrad BGR
VM−lun72−9−BA Herzegovina−Neretva BIH
VM−lun78−3−GR Western Macedonia GRC
VM−lun81−1−BG Blagoevgrad BGR
VM−lun76−11−MK Polog MKD
VM−lun78−1−GR Western Macedonia GRC
VM−lun10−2−SK Prešov SVK
VM−lun16−2−RO Bistriţa−Năsăud ROU
VM−lun15−1−RO Maramureş ROU
VM−lun9−5−SK Košice Higher Territorial Unit SVK
VM−lun82−4−BG Kyustendil BGR
VM−lun72−8−BA Herzegovina−Neretva BIH
VM−lun48−3−KG Naryn KGZ
MW18 Bayan−Ölgii MNG
VM−lun45−3−KG Naryn KGZ
MW10−2 Krasnoyarsk Krai RUS
DF12333 Kamchatka Krai RUS
WS20140803001 Nagano JPN
WS20140903001 Shizuoka JPN
DF15465 Alaska USA
MW32 Belgorod RUS
RG1 Nelson NZL
MD12060 Alaska USA
JG−neo1−1−US Alaska USA
118−4 Republic of Buryatia RUS
BD1205807 Alaska USA
DF20170 Newfoundland CAN
DF8277 Michigan USA
DF15197 Yukon CAN
DF16851 New Mexico USA
JG−sp5−1−US Alaska USA
VM−lun49−1−KG Chuy KGZ
MW3−1 Kamchatka Krai RUS
MW1−1 Kamchatka Krai RUS
DF6447 Bering Island RUS
WS20140802001 Nagano JPN
VM−lun25−2−RO Sibiu ROU
VM−lun11−2−SK Prešov SVK
VM−lun11−1−SK Prešov SVK
PE1 Gansu CHN
MW20 Sükhbaatar MNG
JG−neo1−4−US Alaska USA
JG−yaa1−1−US Alaska USA
120−2 Republic of Buryatia RUS
118−7 Republic of Buryatia RUS
121−2 Republic of Buryatia RUS
PE4 Chūbu JPN
PE5−3 Chūbu JPN
VM−lun49−2−KG Chuy KGZ
JG−neo1−2−US Alaska USA
AM34B Bern CHE
VM−lun94−1−CH Valais CHE
CHA−I−3 Bern CHE
AM−lun34−2−CH Ticino CHE
BD1200101 Neuchatel CHE
BD1200404 Ticino CHE
BD1204412 Uri CHE
BD1200601 Graubünden CHE
BD1204305 Valais CHE
VM−lun86−1−CH Valais CHE
VM−lun3−1−GE Mtskheta−Mtianeti GEO
MW42−1 Republic of Bashkortostan RUS
AM61E Haute−Savoie FRA
AM38E Graubünden CHE
JG−lun88−2−CH Neuchâtel CHE
AIX4 NA GRC
RMW−lun32−1−GB England GBR
MARK3 Souss−Massa MAR
VM−lun15−2−RO Maramureş ROU
VM−lun2−1−GE Kakheti GEO
MW43−1 Minsk BLR
VM−lun13−2−SK Žilina SVK
VM−lun12−1−SK Prešov SVK
VM−lun7−1−SK Banská Bystrica SVK
VM−lun91−1−CH Valais CHE
SW−sp1−1−SE Norrbotten SWE
DF12806 B. lunaria var. melzeri ISOTYPE Kujalleq GRL
DF12773 Narsarsuaq GRL
AM32I Miskoloc HUN
15666 Graubünden CHE
VM−lun7−2−SK Banská Bystrica SVK
15662 Graubünden CHE
CHA−I−7 Bern CHE
VM−lun72−20−BA Herzegovina−Neretva BIH
VM−lun71−1−HR Šibenik−Knin HRV
JG−lun88−1−CH Neuchâtel CHE
DF13337 B. nordicum PARATYPE Vestfiroir ISL
DF13346 B. nordicum PARATYPE Vestfiröir ISL
DF17157 B. nordicum ISOTYPE Møre og Romsdal NOR
VM−lun17−2−RO Harghita ROU
AM−15−GRVAR−001−003 Phocis GRC
AB−lun28−2−AT Vorarlberg AUT
VM−lun5−1−GE Racha−Lechkhumi and Kvemo Svaneti GEO
VM−lun9−2−SK Košice Higher Territorial Unit SVK
RMW−lun32−2−GB England GBR
AIX11−1 Ile−de−France FRA
VM−lun17−1−RO Harghita ROU
SJ−lun58−1−LT Telšiai LTU
MW23−1 Murmansk RUS
WH−lun38−2−AT Salzburg AUT
MW44−2 Districts under Central Government Jurisdiction TJK
MW23−2 Murmansk RUS
15406A Valais CHE
MH−lun39−2−AT Salzburg AUT
MW37 Murmansk RUS
MW24−2 Murmansk RUS
DF20391 Newfoundland CAN
DF15589 Wininpeg CAN
DF12833 Kujalleq GRL
DF5060 Newfoundland CAN
DF13237 Suournes ISL
AM52G Steiermark AUT
VM−lun21−1−RO Dâmboviţa ROU
VM−lun23−3−RO Prahova ROU
VM−lun23−2−RO Prahova ROU
AM68C Savoie FRA
VM−lun22−1−RO Dâmboviţa ROU
AM11C Bern CHE
BL01 Svalbard NOR
VM−lun20−1−RO Prahova ROU
MH−lun39−1−AT Salzburg AUT
VM−lun47−3−KG Naryn KGZ
CP20812208 Manaslu NPL
DB29617 Xizang CHN
PE6 Tibet Autonomous Region CHN
VM−lun52−1−CN Yunnan CHN
DF18975 Minnesota USA
DF12194 Alberta CAN
DF7931 B. crenulatum TOPOTYPE California USA
DF19448 Wyoming USA
DF9013 Nevada USA
DF7658 California USA
DF3939 Oregon USA
DF15209 Yukon CAN
DF13405 Yukon CAN
DF9343 Nevada USA
DF6027 Finnmark NOR
AM41P Graubünden CHE
DF18322 Alaska USA
DF3315 B. tunux TOPOTYPE Alaska USA
DF4202 B. tunux PARATYPE Alaska USA
DF13516 Alaska USA
VM−lun46−1−KG Naryn KGZ
VM−lun46−3−KG Naryn KGZ
DF19483 Montana USA
BD1203106 Norrbotten SWE
BD1203812 Norrbotten SWE
BD1203721 Norrbotten SWE
VM−lun77−4−MK Skopje MKD
VM−lun77−1−MK Skopje MKD
MW40−1 Kaluga RUS
VM−lun99−2−CH Valais CHE
AM73N Hautes−Pyrénées FRA
SJ−lun57−3−LT Vilnius LTU
AM−lun41−1−CH Ticino CHE
AM41F Graubünden CHE
VF−lun60−3−IT Abruzzo ITA
MW31−1 Voronezh RUS
AM66B Vaucluse FRA
VM−lun55−1−CN Gansu CHN
AM26A Ticino CHE
FP−lun40−1−IT Autonomous Province of Trento ITA
DF16312 B. simplex 2 Quebec CAN
DF12148 B. simplex Alberta CAN
DF16373 B. pallidum Quebec CAN
DF18591 B. campestre var. lineare South Dakota USA
DF954 B. campestre var. campestre TOPOTYPE Iowa USA
DF18384 B. farrarii ined. TOPOTYPE Wyoming USA
AW3 B. lanceolatum green Alaska USA
DF12205 B. angustisegmentum Alberta CAN
0.38
0.38
1.77
0.64
0.17
0.79
1.31
0.34
2.69
0.65
0.21
0.65
3.72
0.2
0.84
0.61
0.24
1.34
0.18
0.85
0.64
0.59
0.17
4.82
0.57
0.39
2.72
0.37
0.4
0.41
3.65
1.04
0.77
6.74
1.26
0.34
0.34
0.22
2.22
0.7
2.74
0.87
4.32
2.51
1.43
0.38
2.96
0.55
10.95
2
0.28
0.73
2.81
0.57
0.63
4.74
0.91
0.12
1.95
3.09
1.33
1.96
4.06
5.74
1.33
7.64
0.88
−5
0
5
10