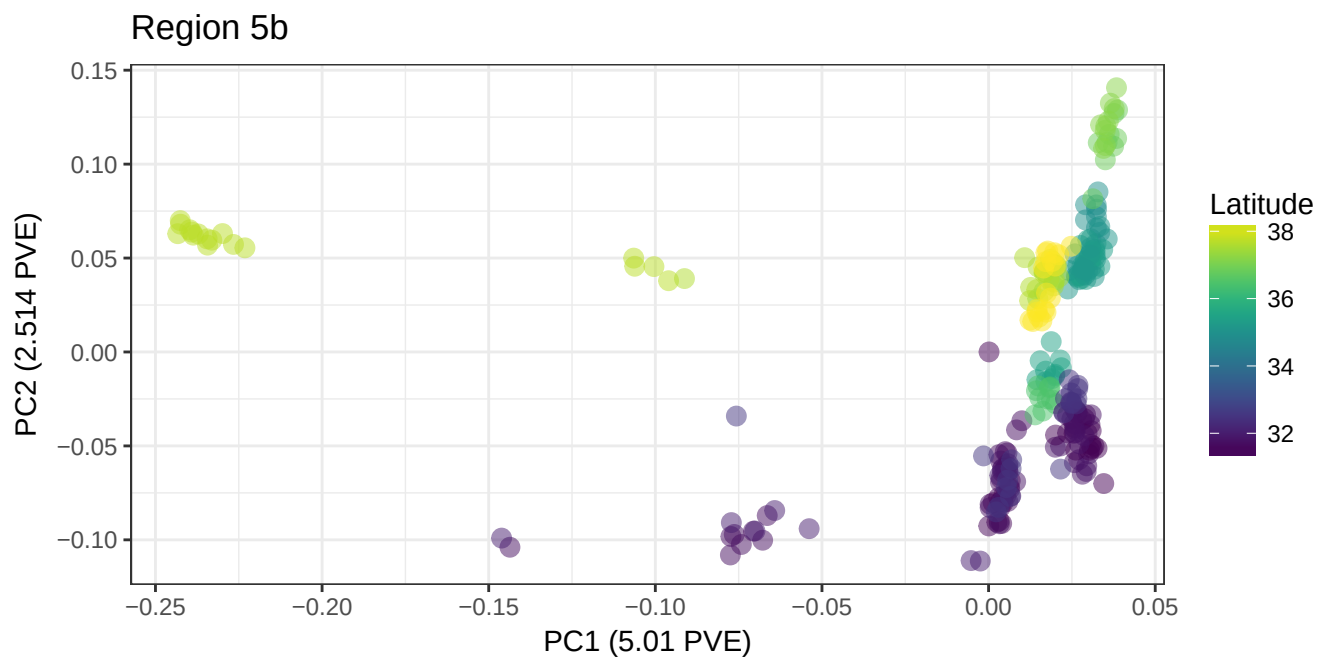
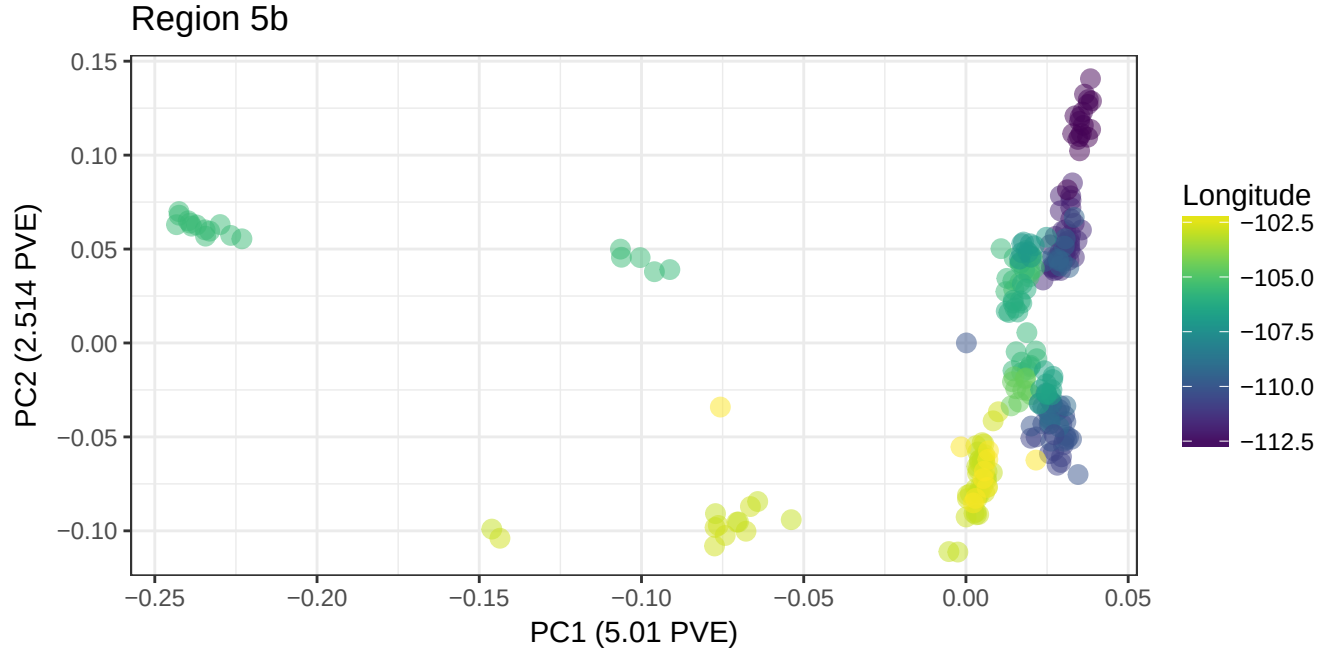
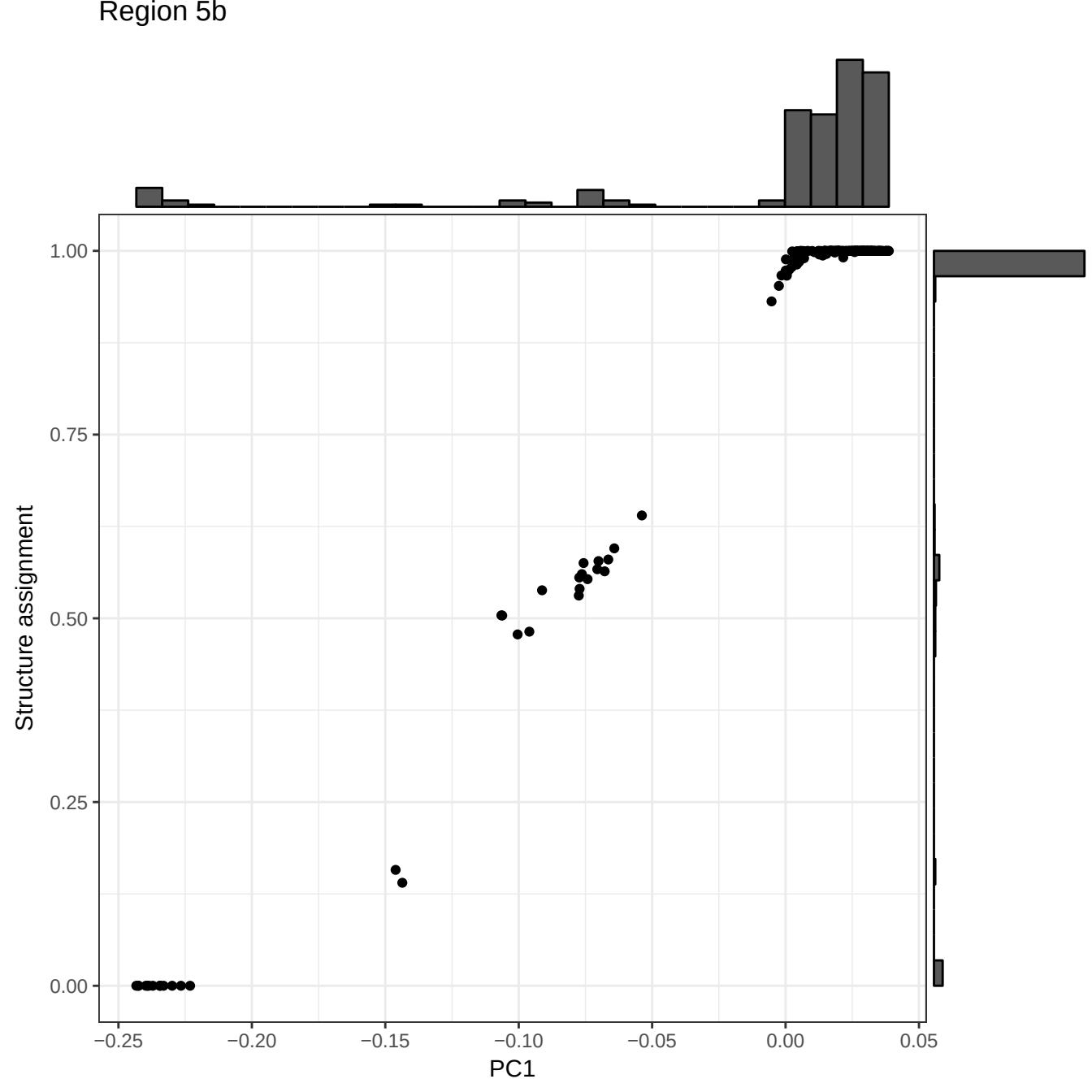
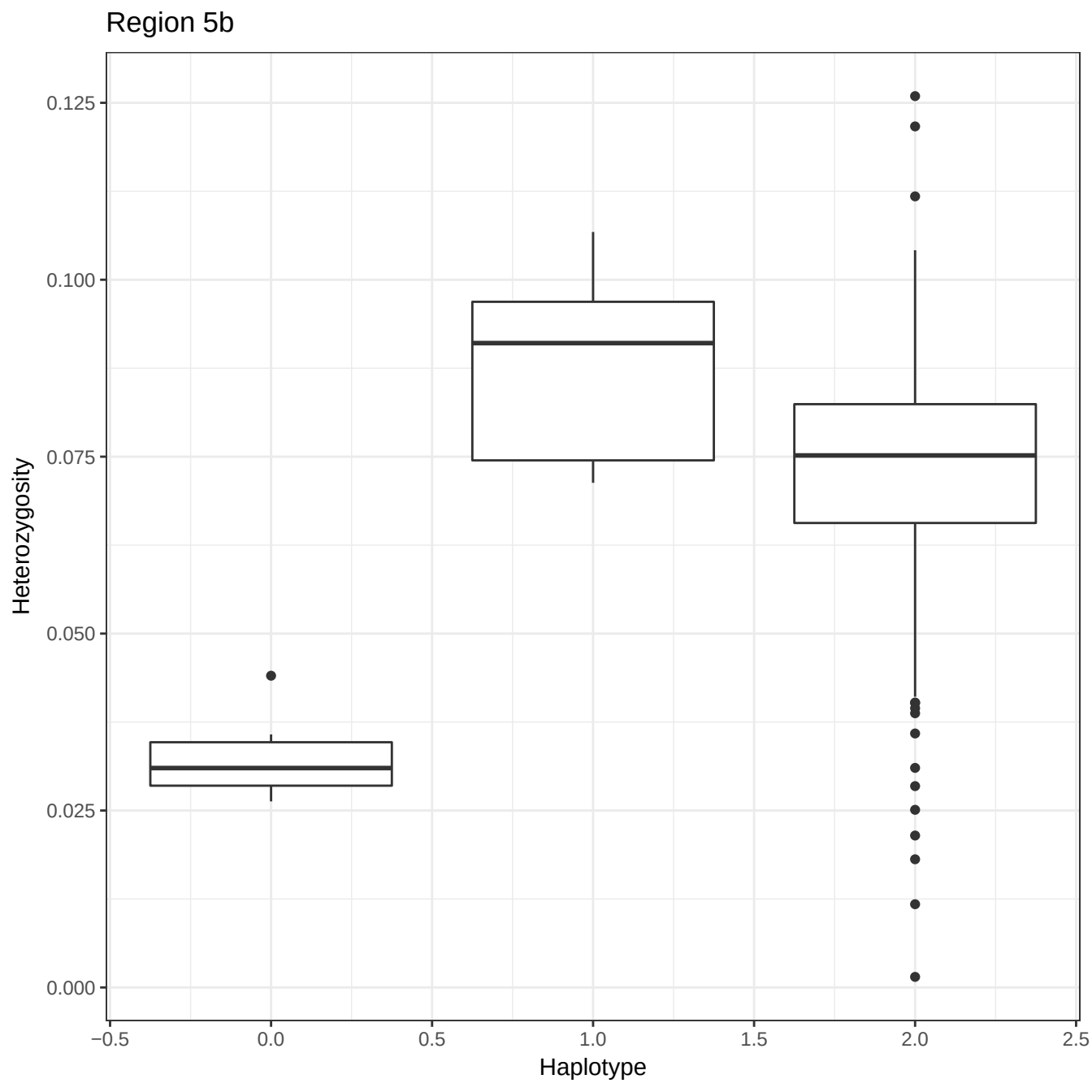
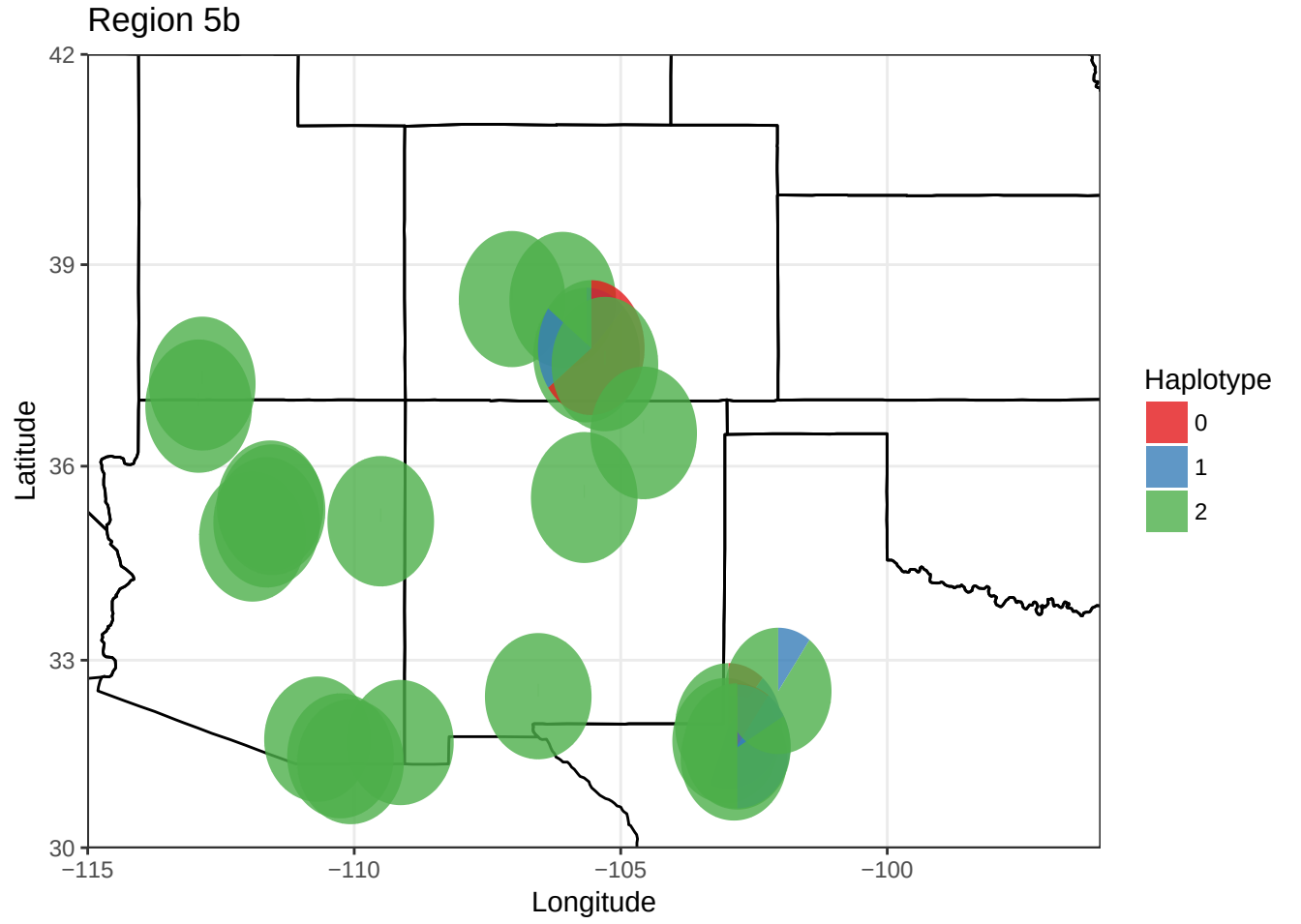
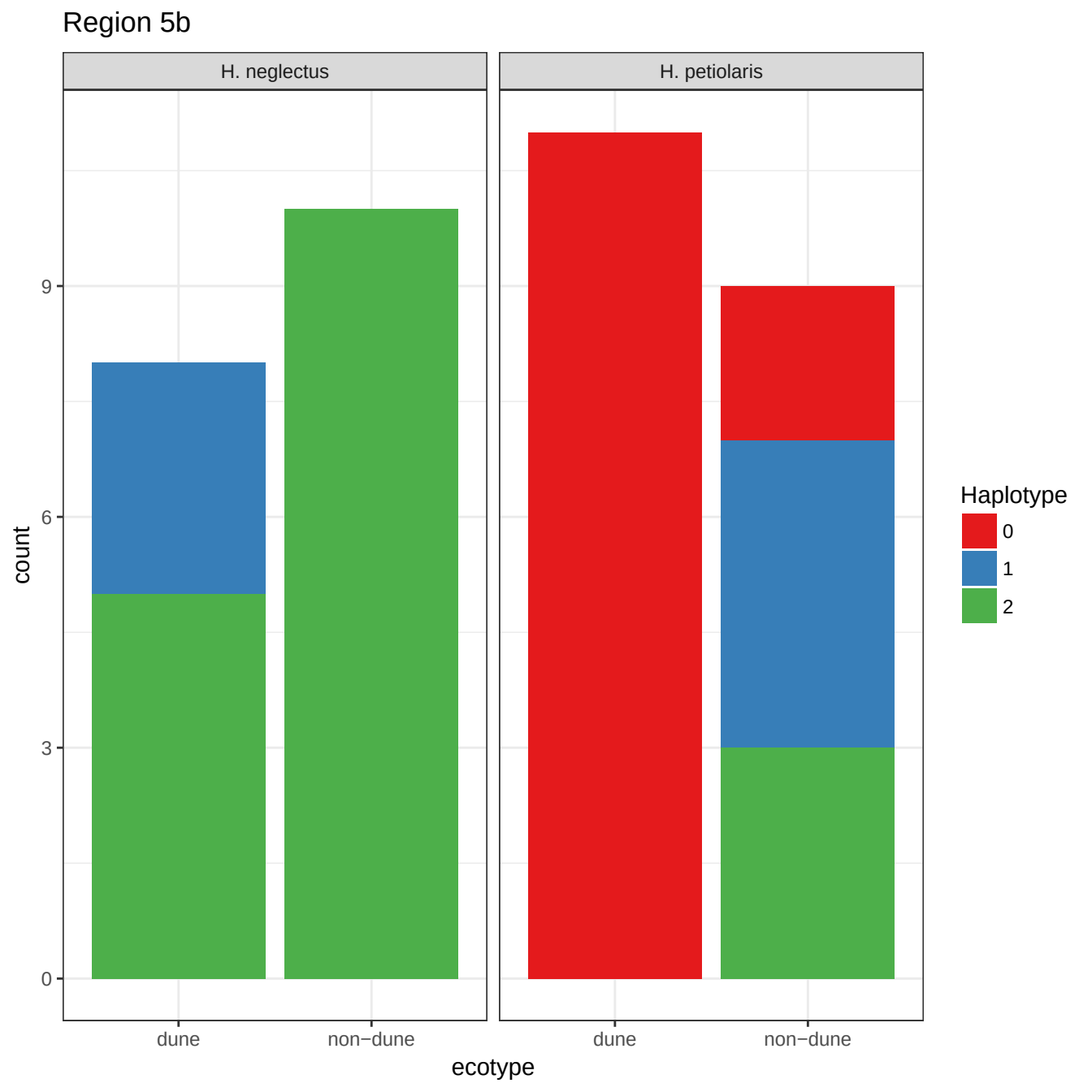

Region 5b
PC2 (2.514 PVE)
PC1 (5.01 PVE)
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
0.05
Latitude
38
36
34
32

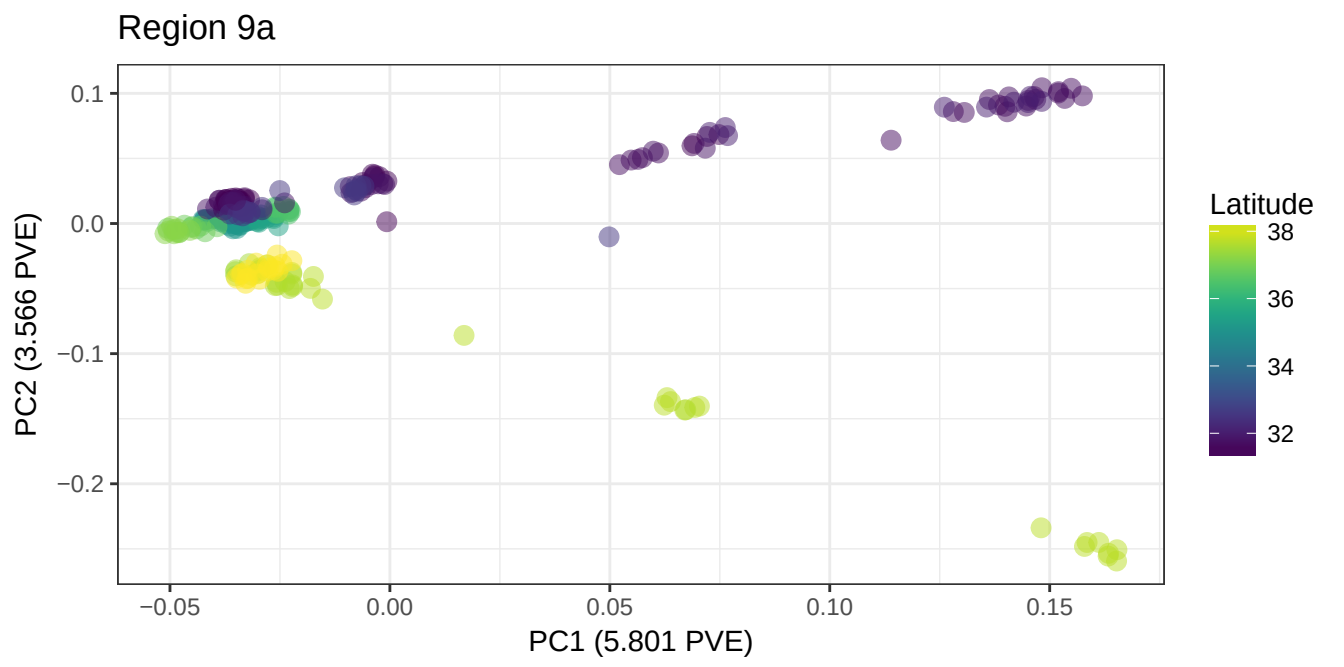

Region 5b
PC2 (2.514 PVE)
PC1 (5.01 PVE)
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
0.05
Longitude
−102.5
−105.0
−107.5
−110.0
−112.5

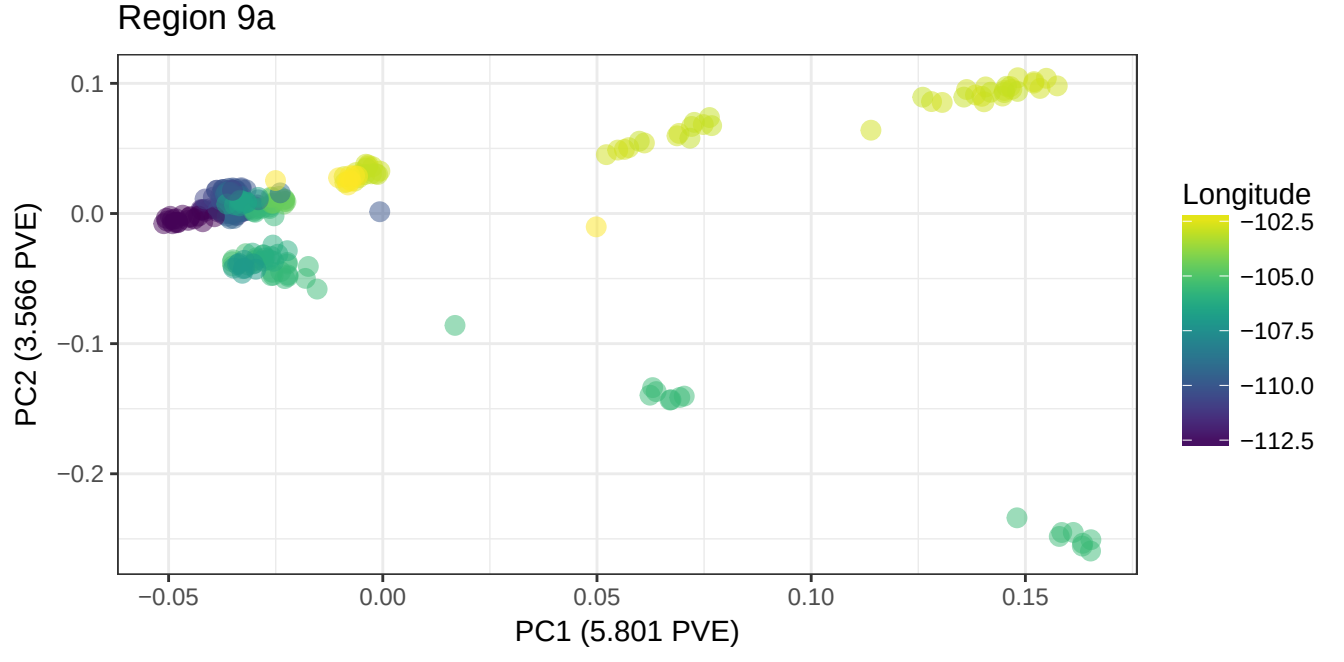

Region 5b
Structure assignment
1.00
0.75
0.50
0.25
0.00
−0.25
−0.20
−0.15
−0.10
−0.05
0.00
0.05
PC1

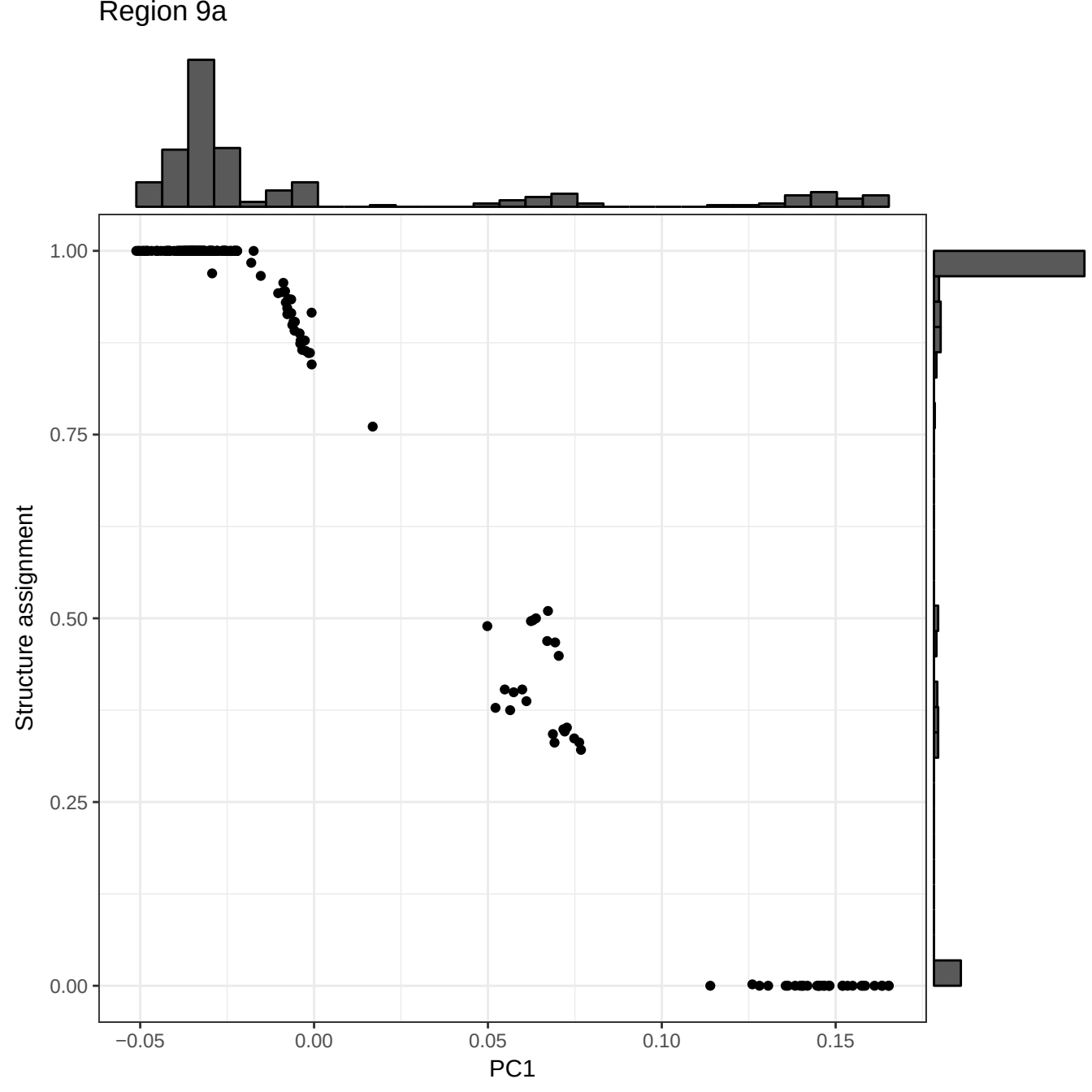

Region 5b
Heterozygosity
0.125
0.100
0.075
0.050
0.025
0.000
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Haplotype

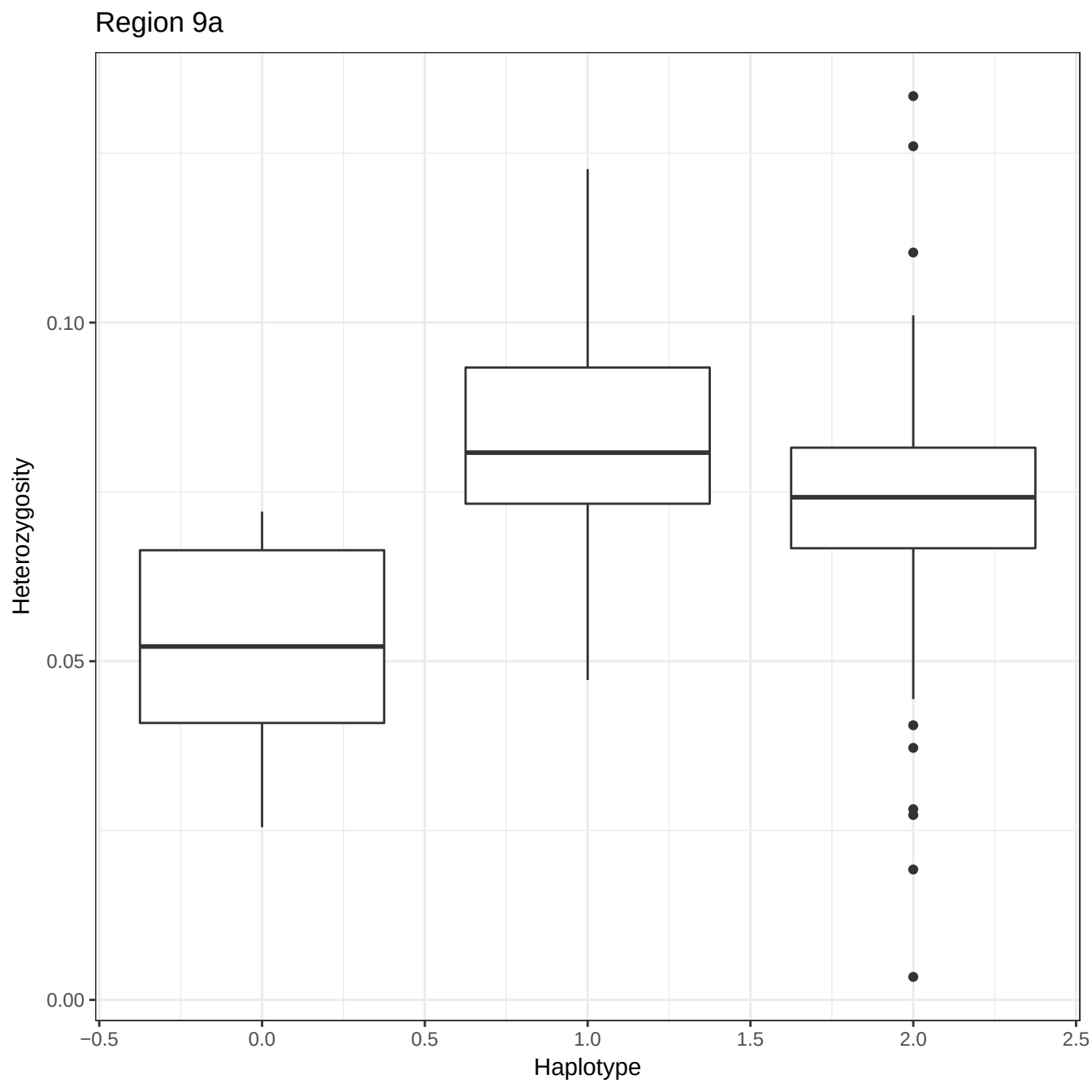

Region 5b
42
39
36
33
30
Latitude
−115
−110
−105
−100
Longitude
Haplotype
0
1
2

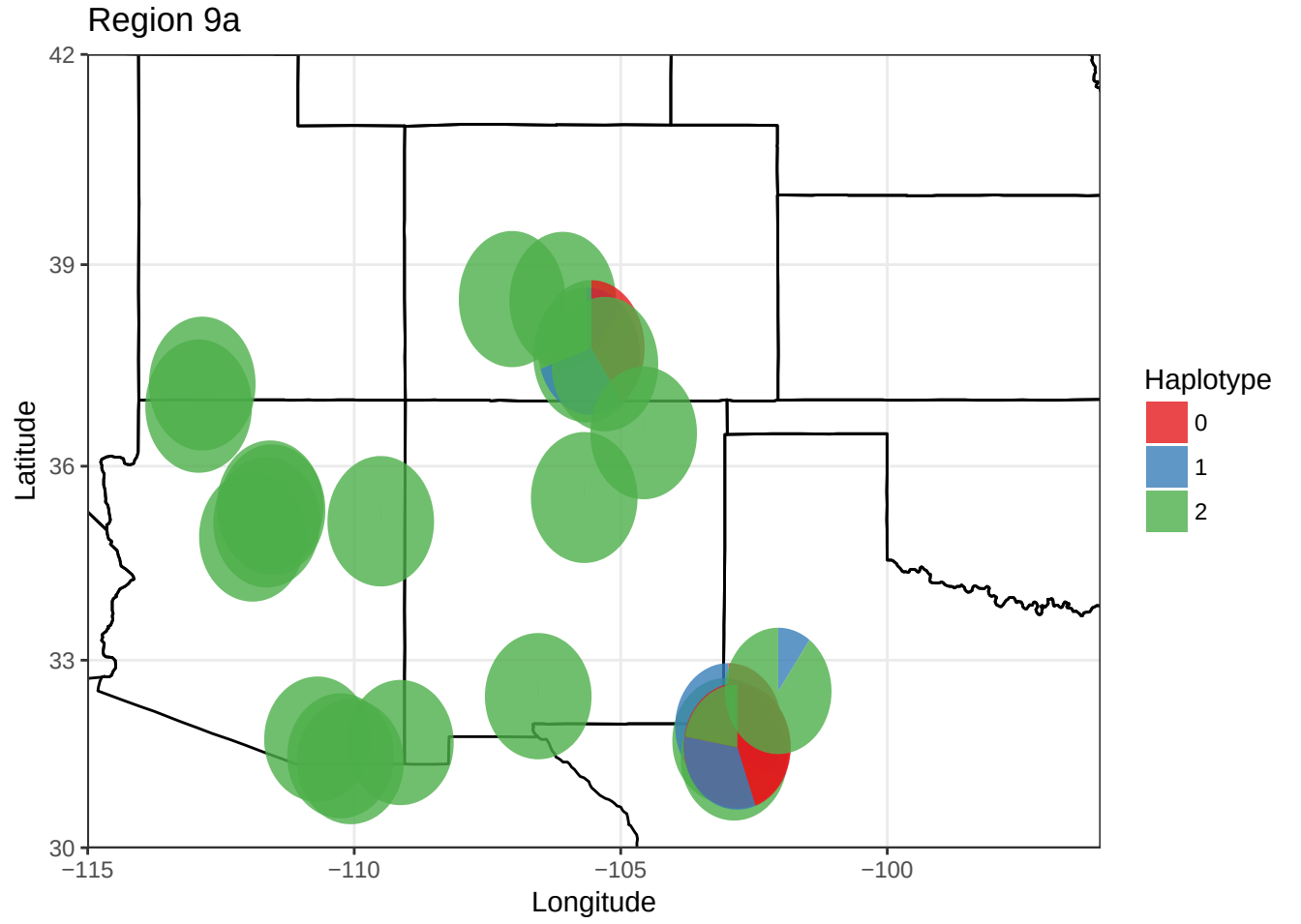

Region 5b
H. neglectus
H. petiolaris
count
9
6
3
0
dune
non−dune
dune
non−dune
ecotype
Haplotype
0
1
2

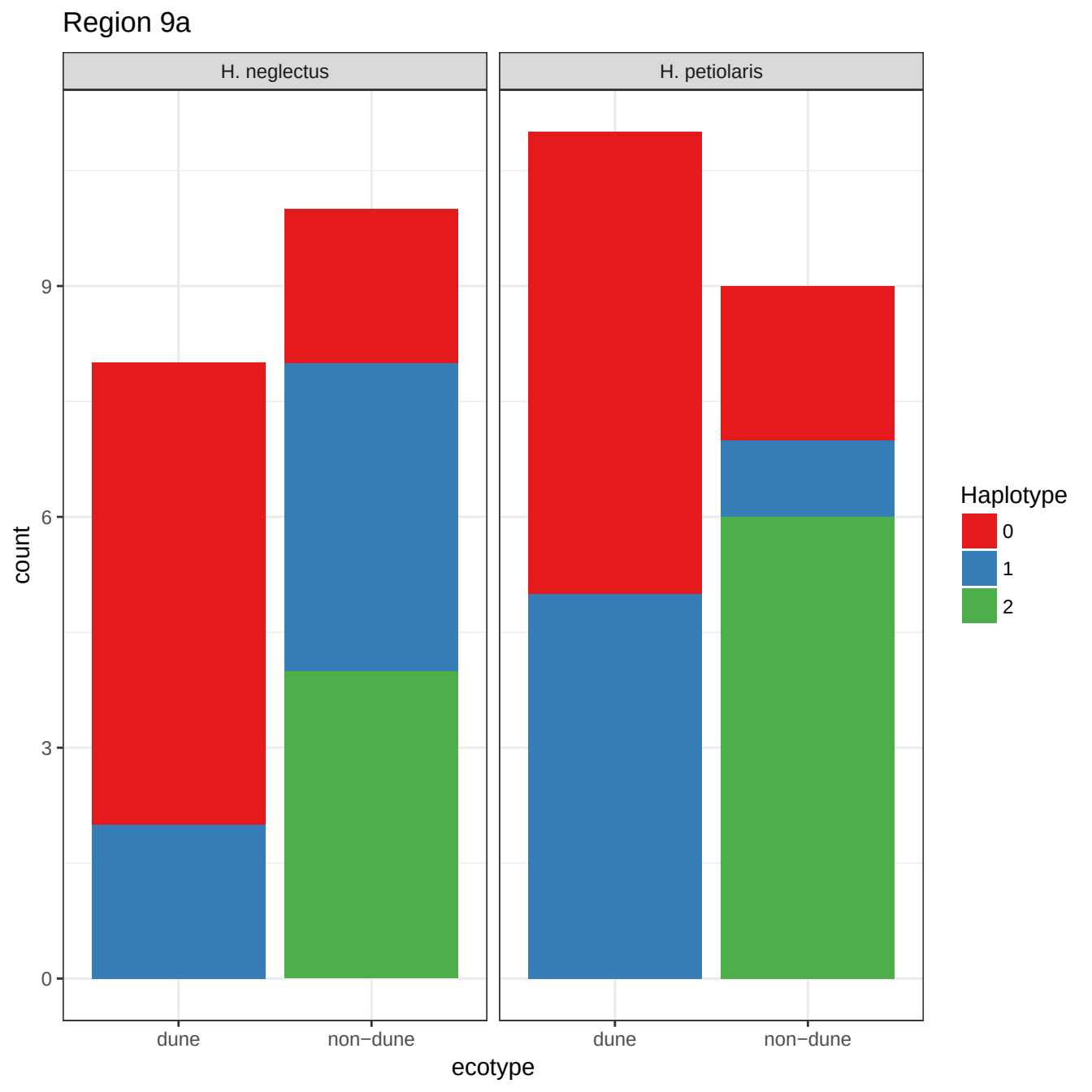

Region 9a
PC2 (3.566 PVE)
PC1 (5.801 PVE)
0.1
0.0
−0.1
−0.2
−0.05
0.00
0.05
0.10
0.15
Latitude
38
36
34
32

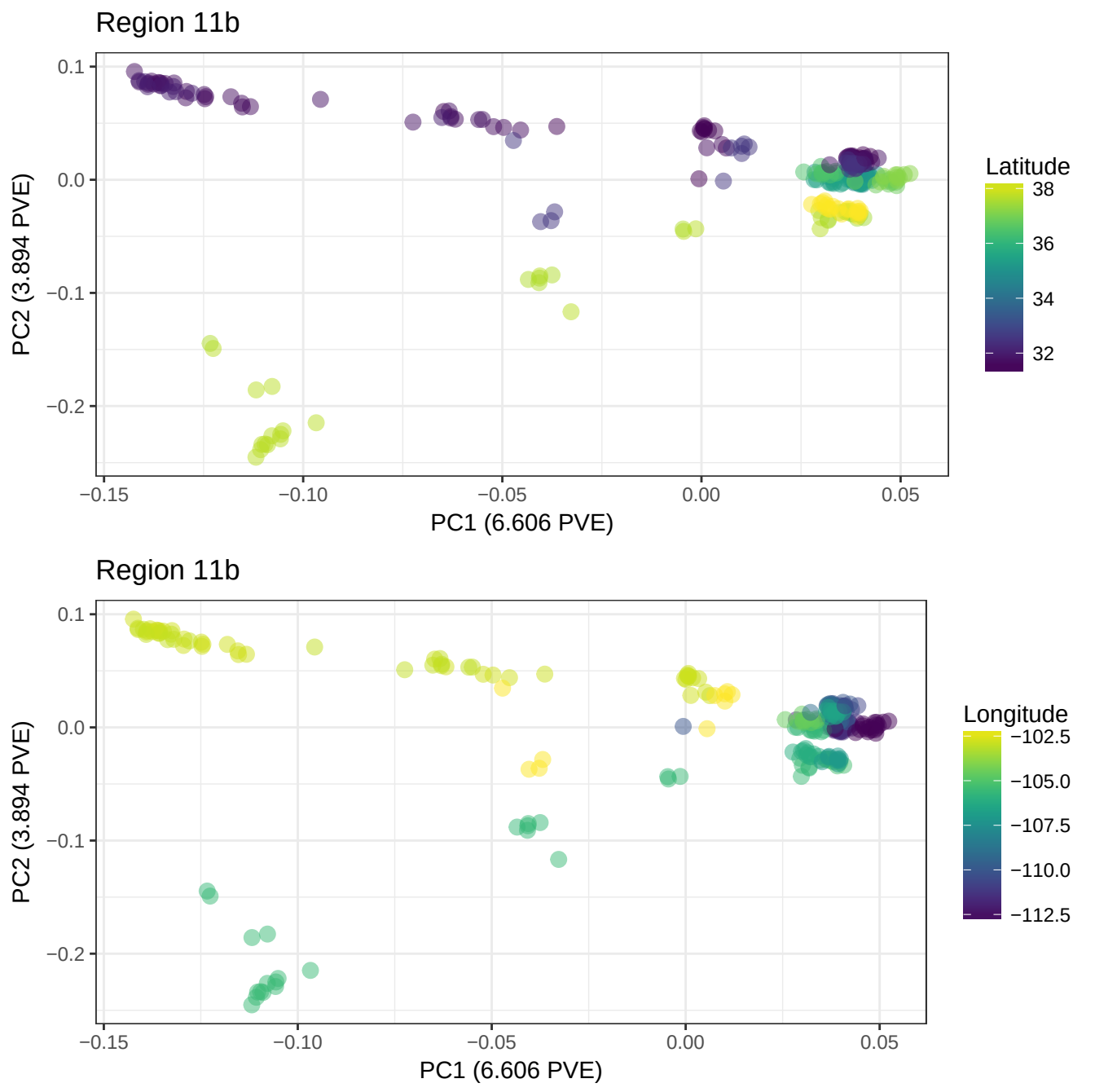

Region 9a
PC2 (3.566 PVE)
PC1 (5.801 PVE)
0.1
0.0
−0.1
−0.2
−0.05
0.00
0.05
0.10
0.15
Longitude
−102.5
−105.0
−107.5
−110.0
−112.5

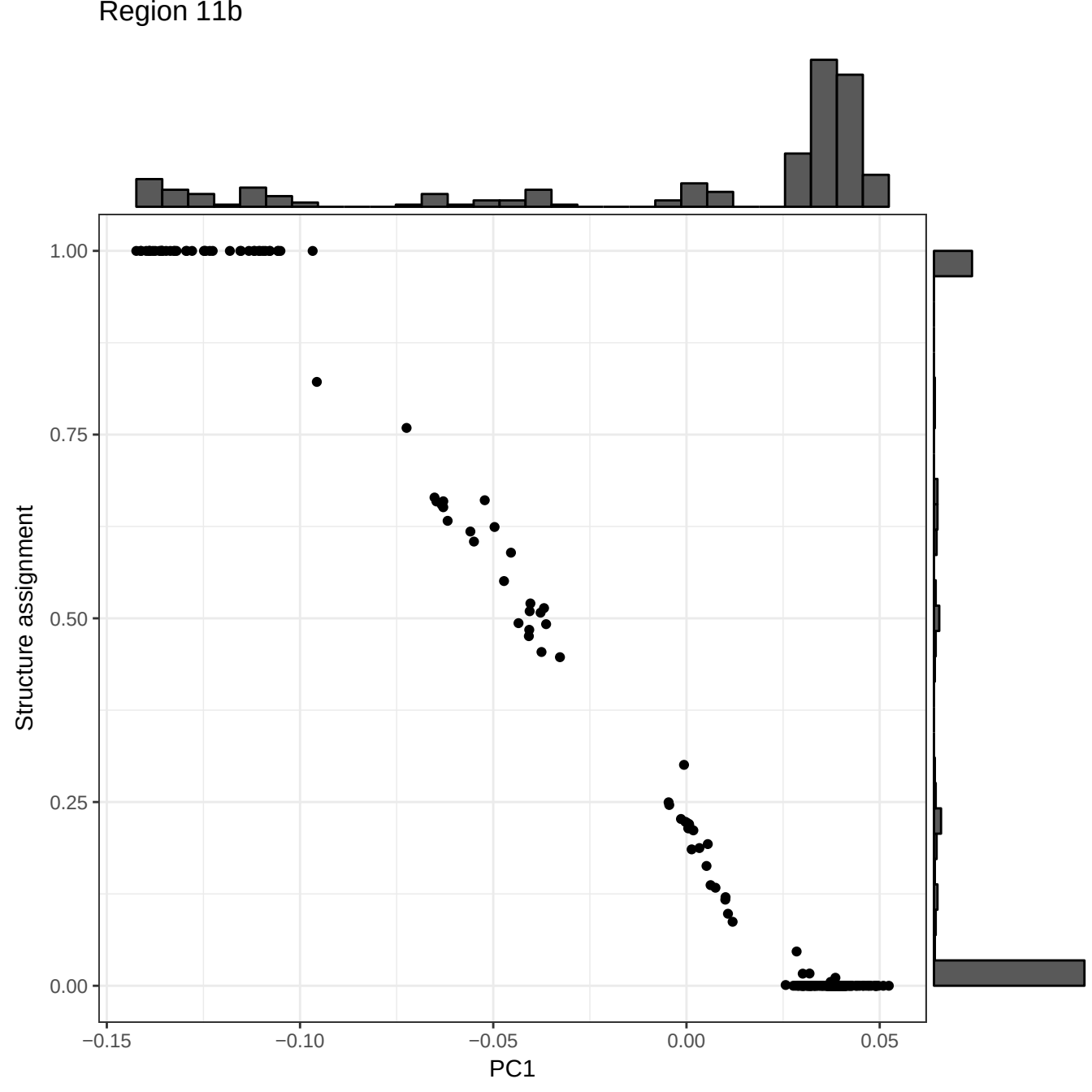

Region 9a
Structure assignment
1.00
0.75
0.50
0.25
0.00
−0.05
0.00
0.05
0.10
0.15
PC1

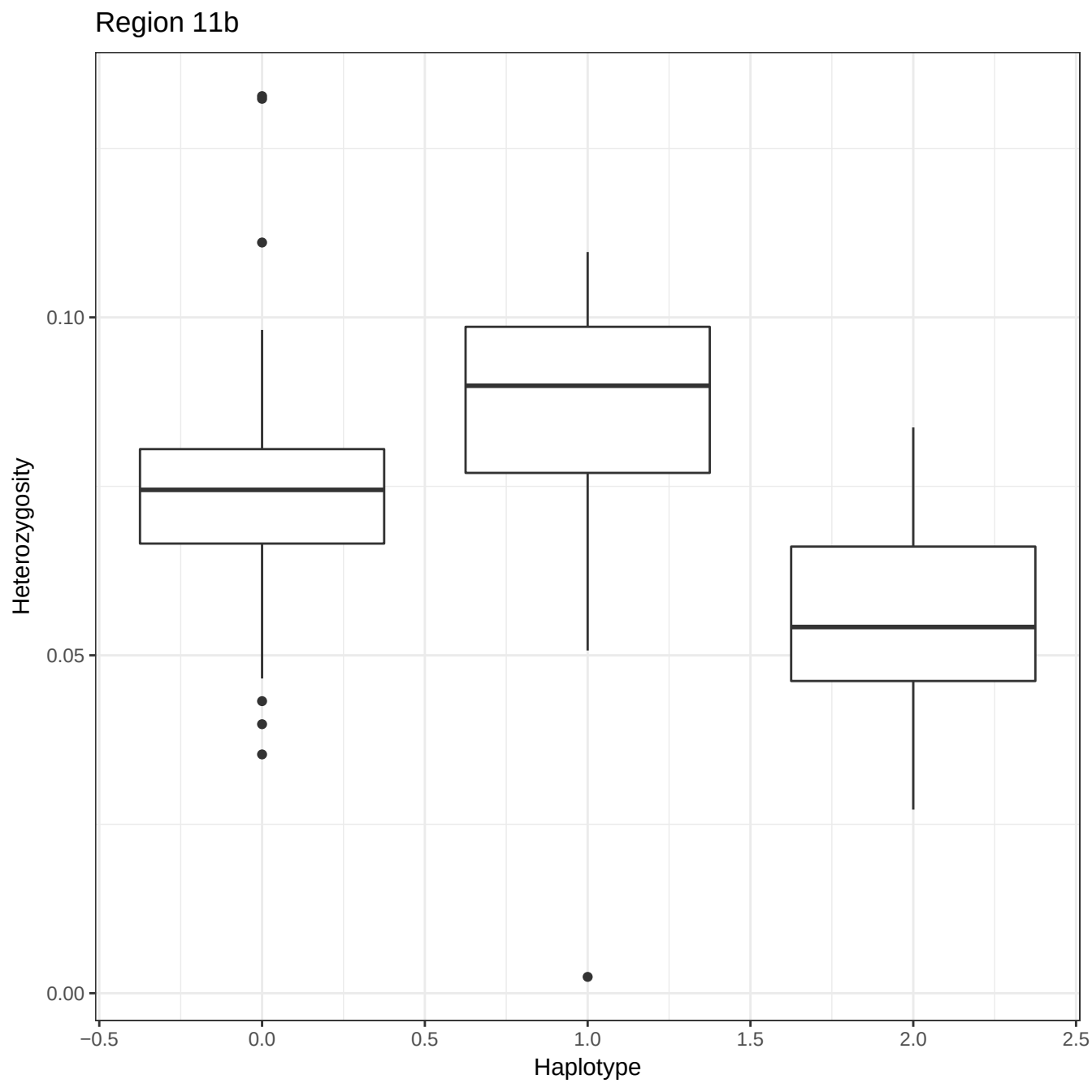

Region 9a
Heterozygosity
0.00
0.05
0.10
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Haplotype

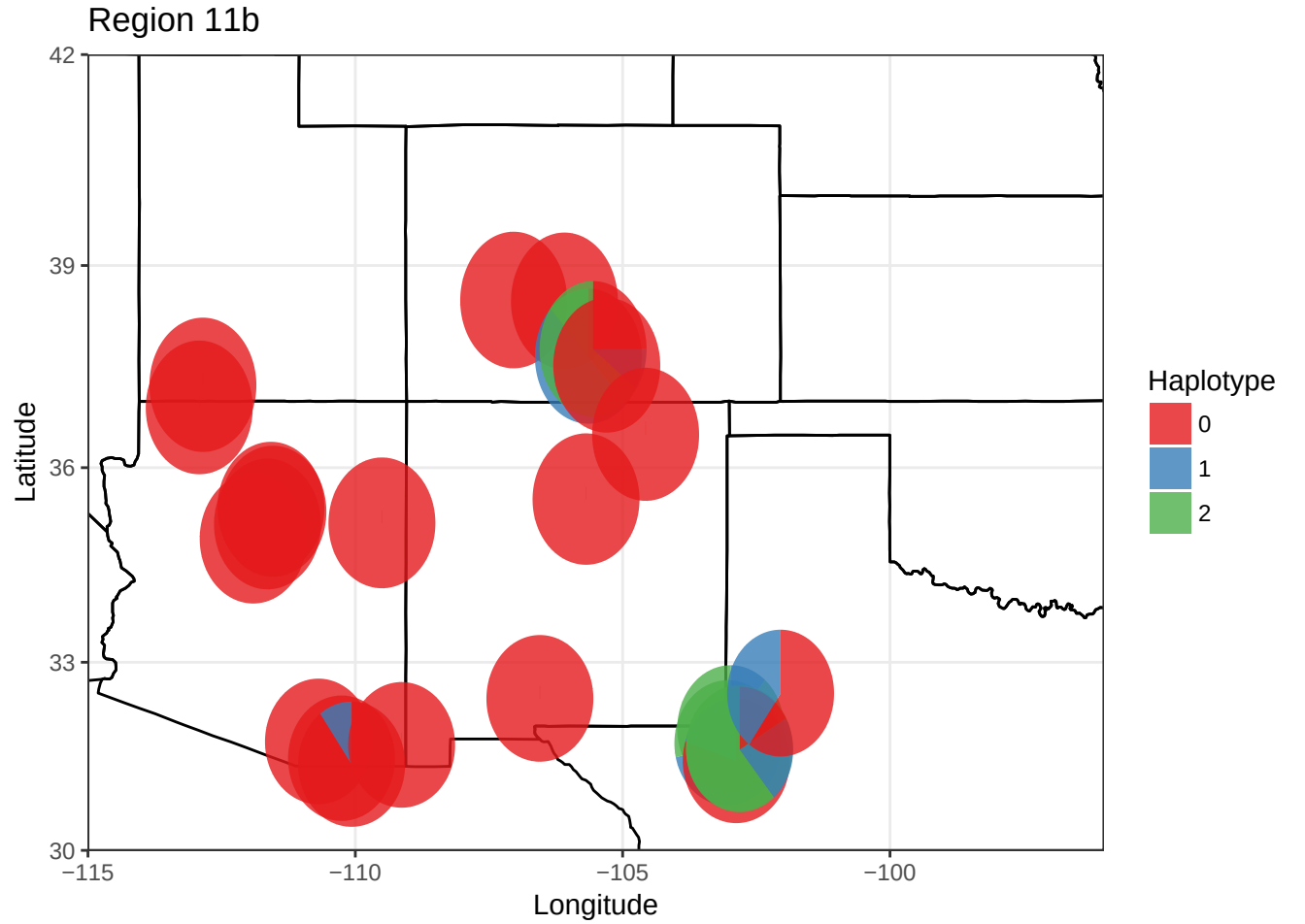

Region 9a
Latitude
Longitude
42
39
36
33
30
−115
−110
−105
−100
Haplotype
0
1
2

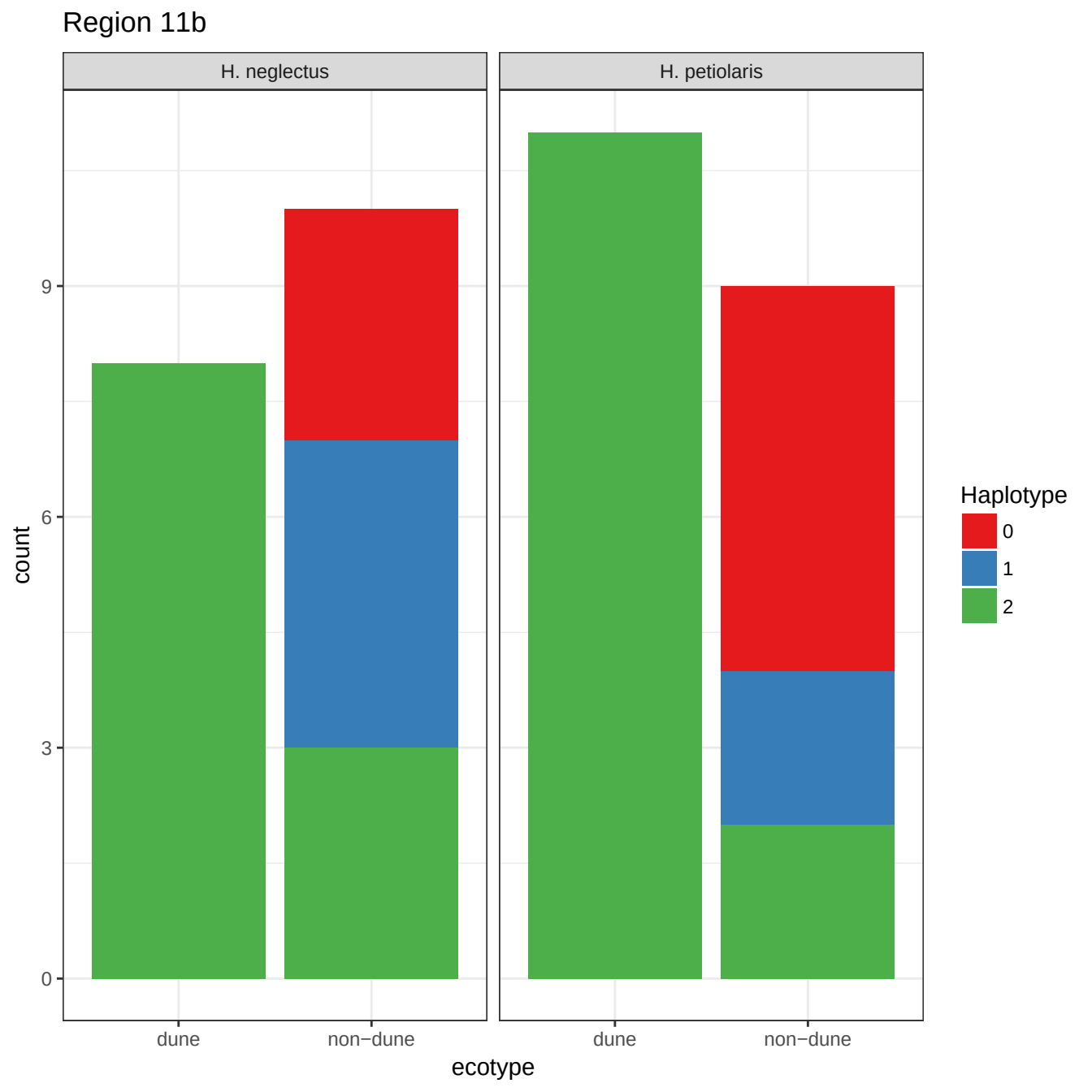

Region 9a
H. neglectus
H. petiolaris
count
9
6
3
0
dune
non−dune
dune
non−dune
ecotype
Haplotype
0
1
2

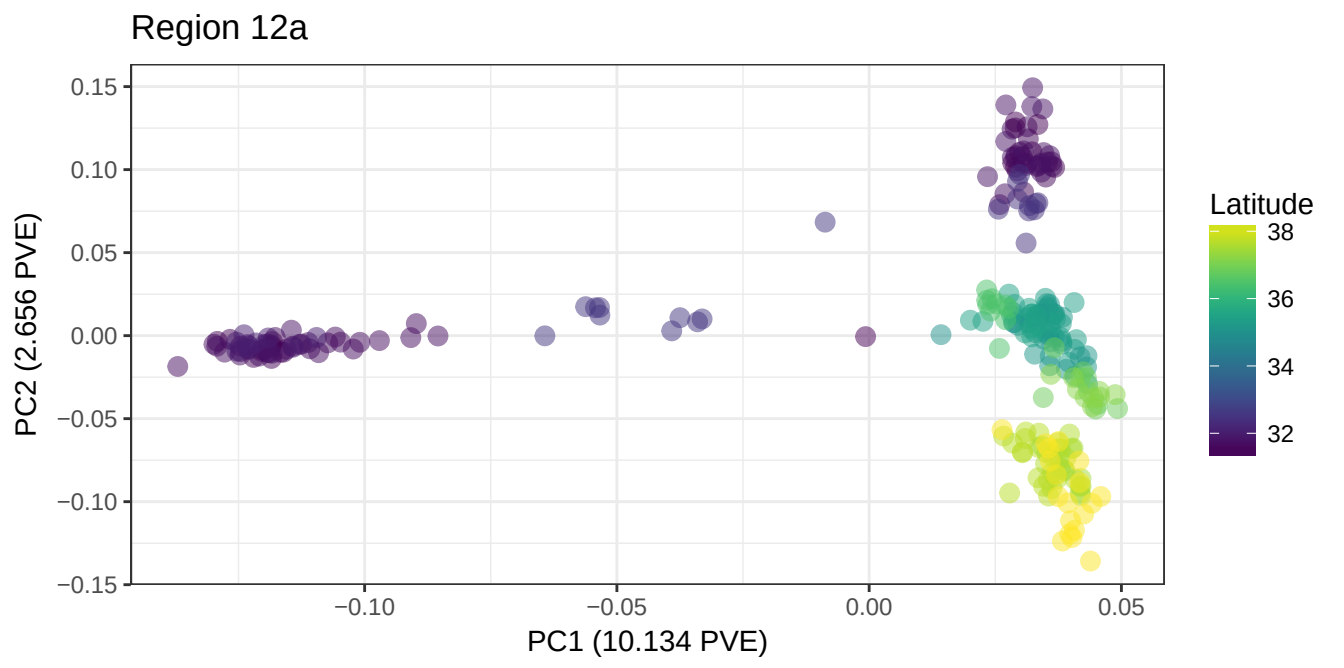

Region 11b
PC2 (3.894 PVE)
PC1 (6.606 PVE)
Latitude
38
36
34
32
Region 11b
PC2 (3.894 PVE)
PC1 (6.606 PVE)
Longitude
−102.5
−105.0
−107.5
−110.0
−112.5

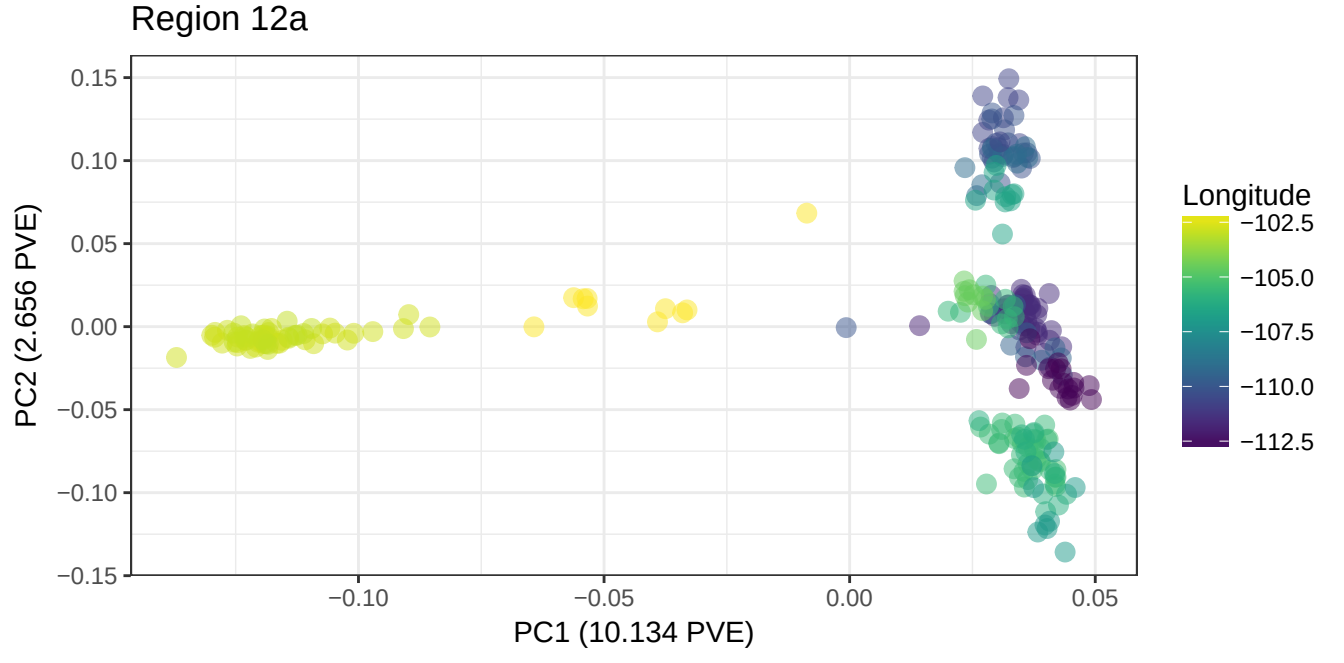

Region 11b
1.00
0.75
0.50
0.25
0.00
Structure assignment
−0.15
−0.10
−0.05
0.00
0.05
PC1

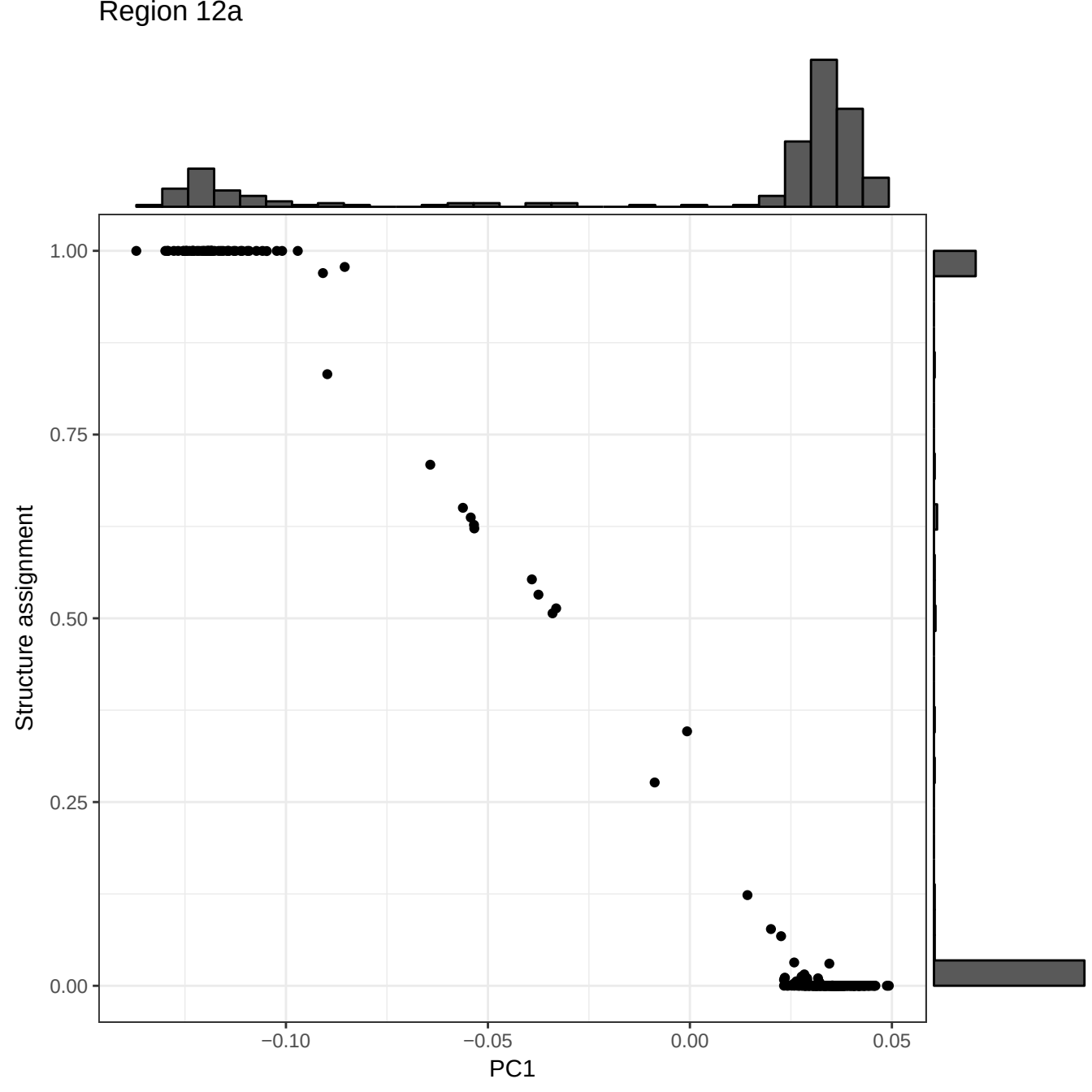

Region 11b
Heterozygosity
0.10
0.05
0.00
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Haplotype

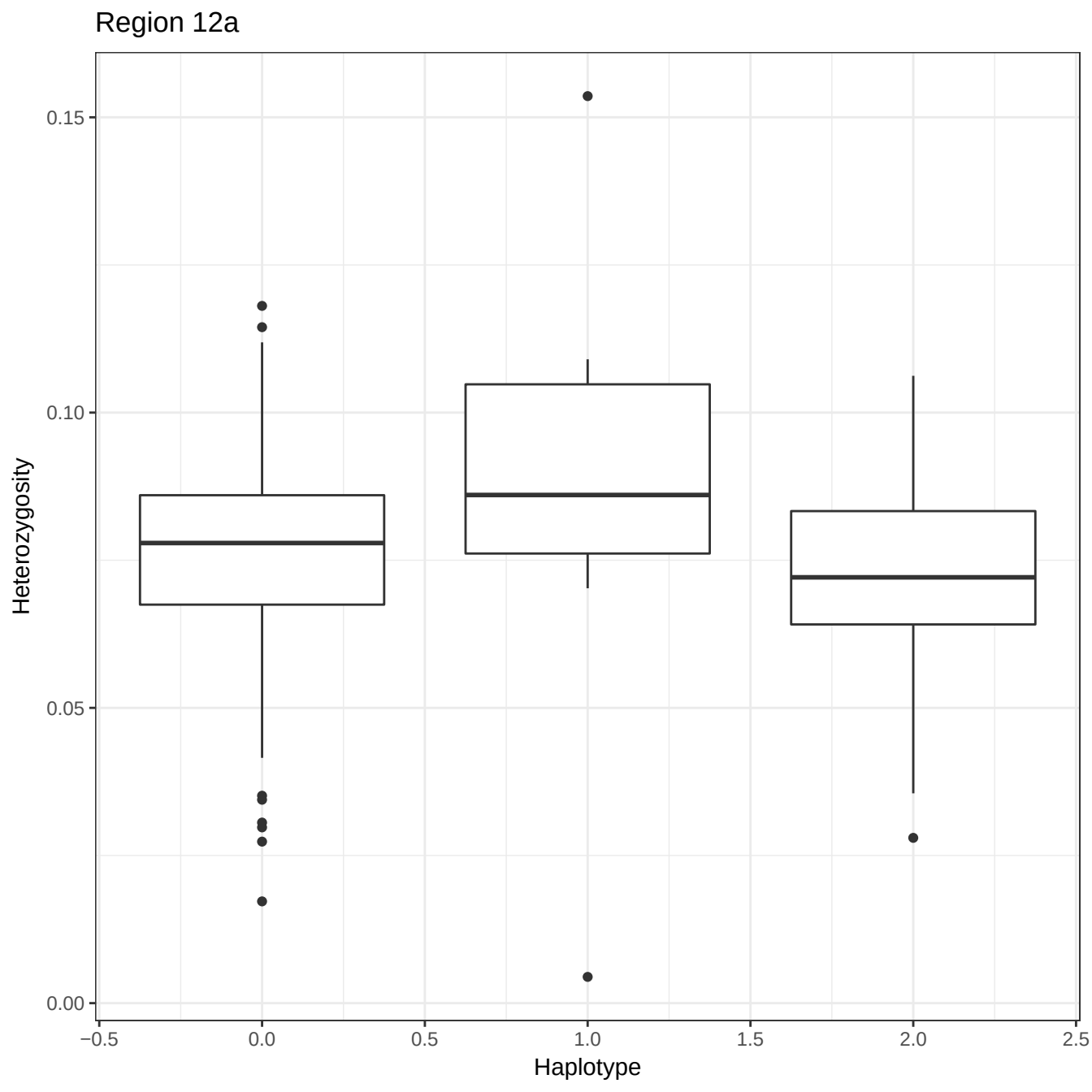

Region 11b
Latitude
Longitude
42
39
36
33
30
−115
−110
−105
−100
Haplotype
0
1
2

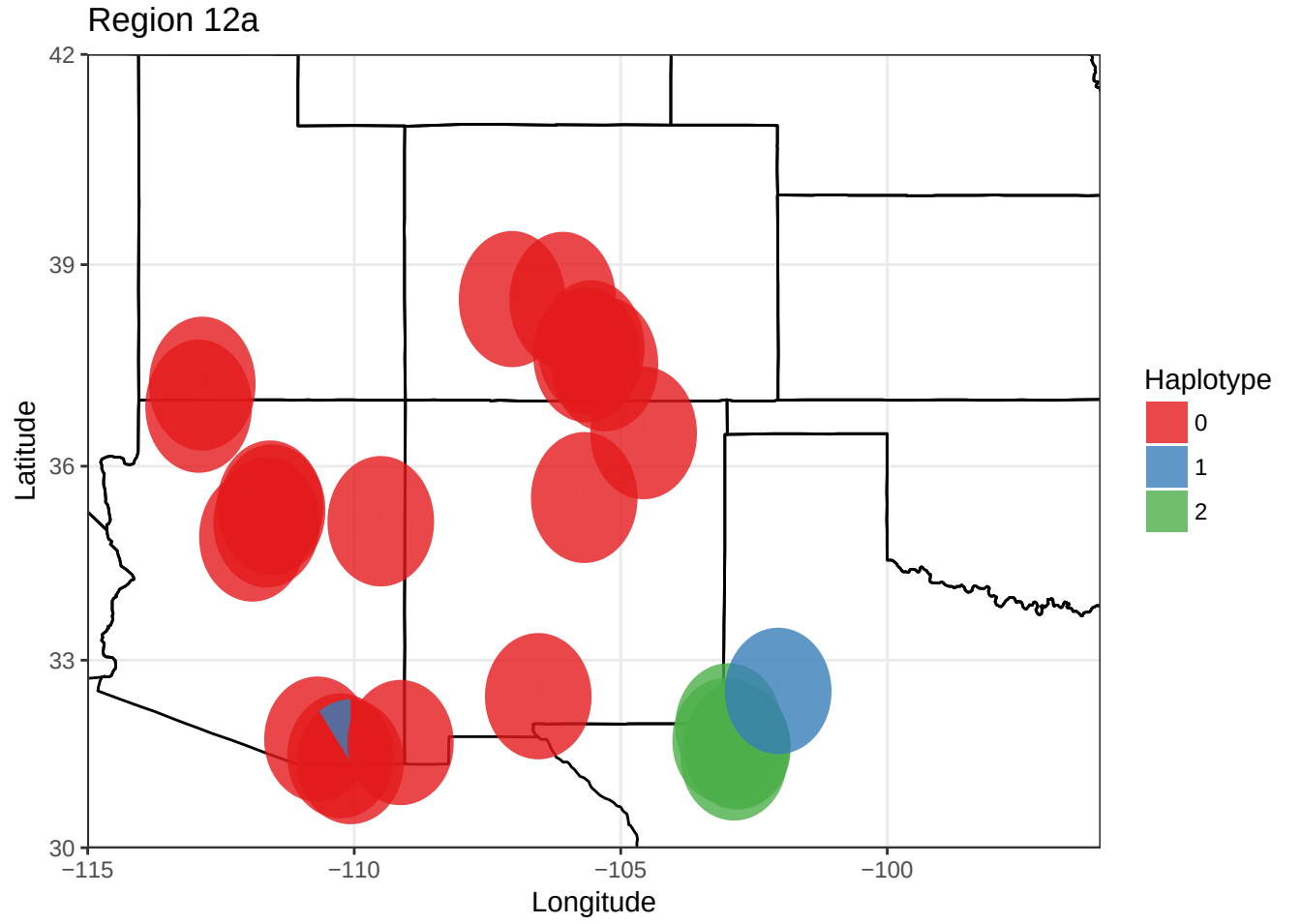

Region 11b
H. neglectus
H. petiolaris
count
9
6
3
0
dune
non−dune
dune
non−dune
ecotype
Haplotype
0
1
2

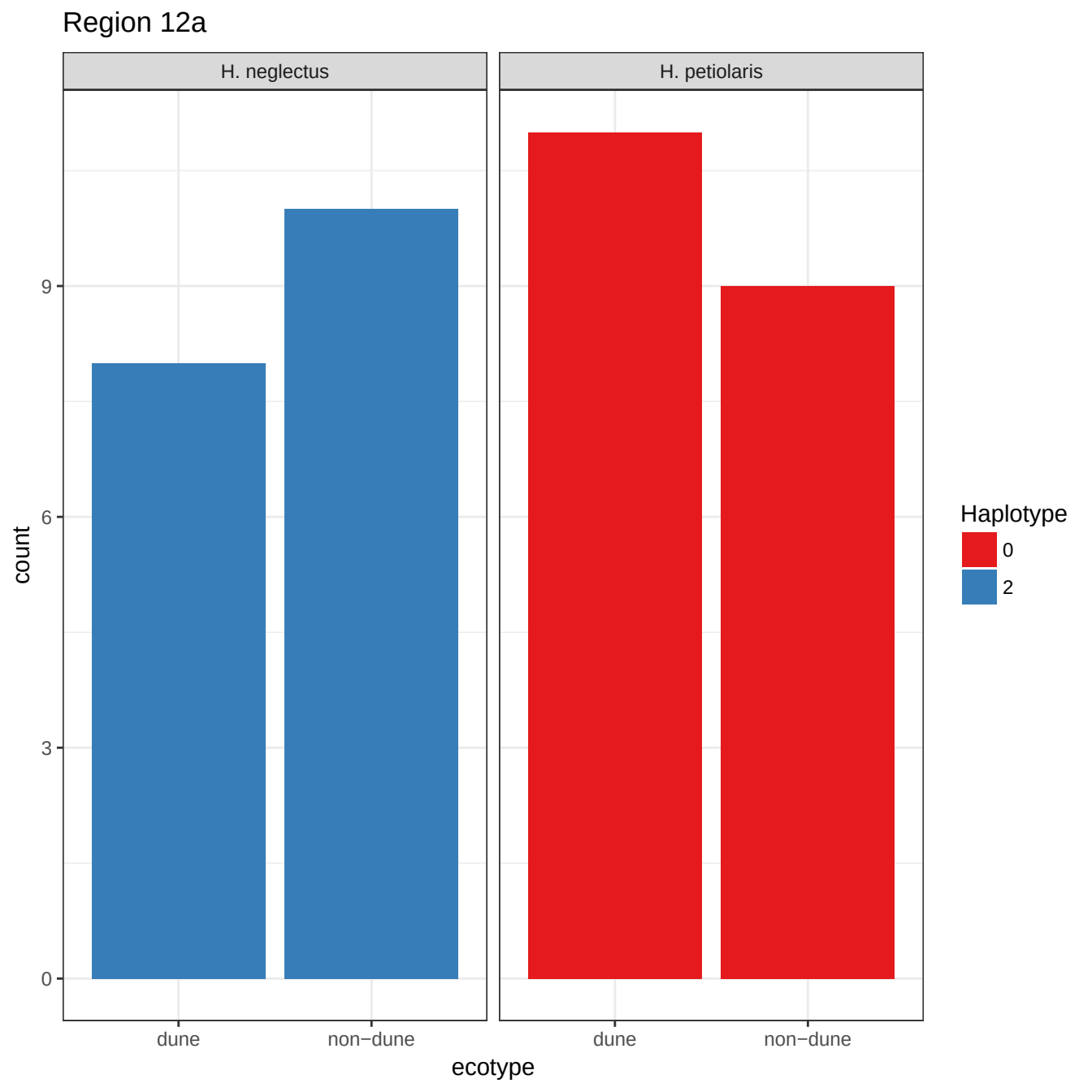

Region 12a
PC2 (2.656 PVE)
PC1 (10.134 PVE)
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
Latitude
38
36
34
32

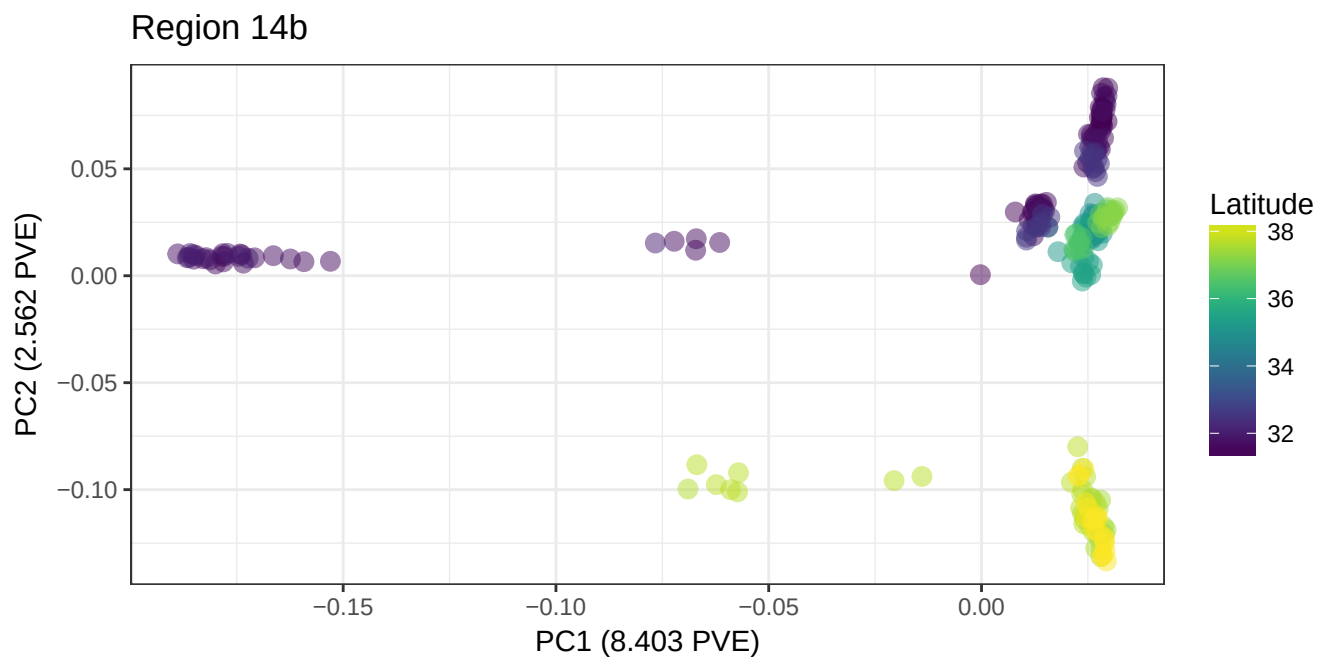

Region 12a
PC2 (2.656 PVE)
PC1 (10.134 PVE)
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
0.05
Longitude
−102.5
−105.0
−107.5
−110.0
−112.5

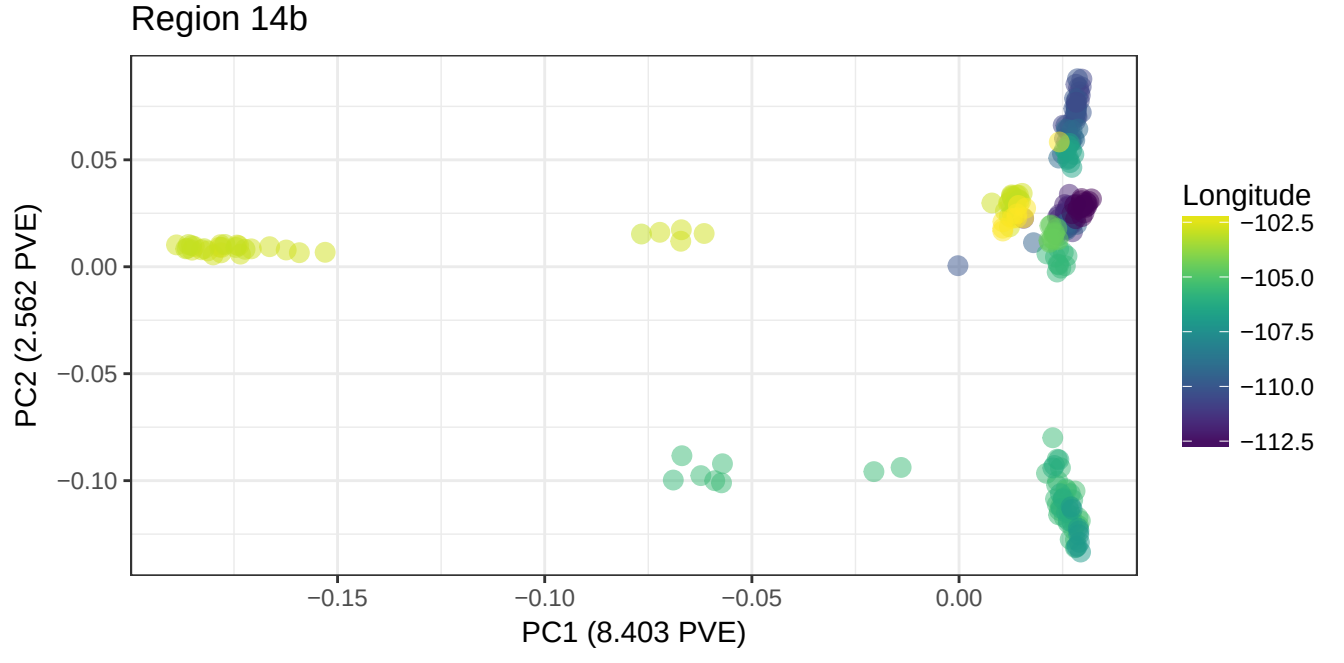

Region 12a
1.00
0.75
0.50
0.25
0.00
Structure assignment
−0.10
−0.05
0.00
0.05
PC1

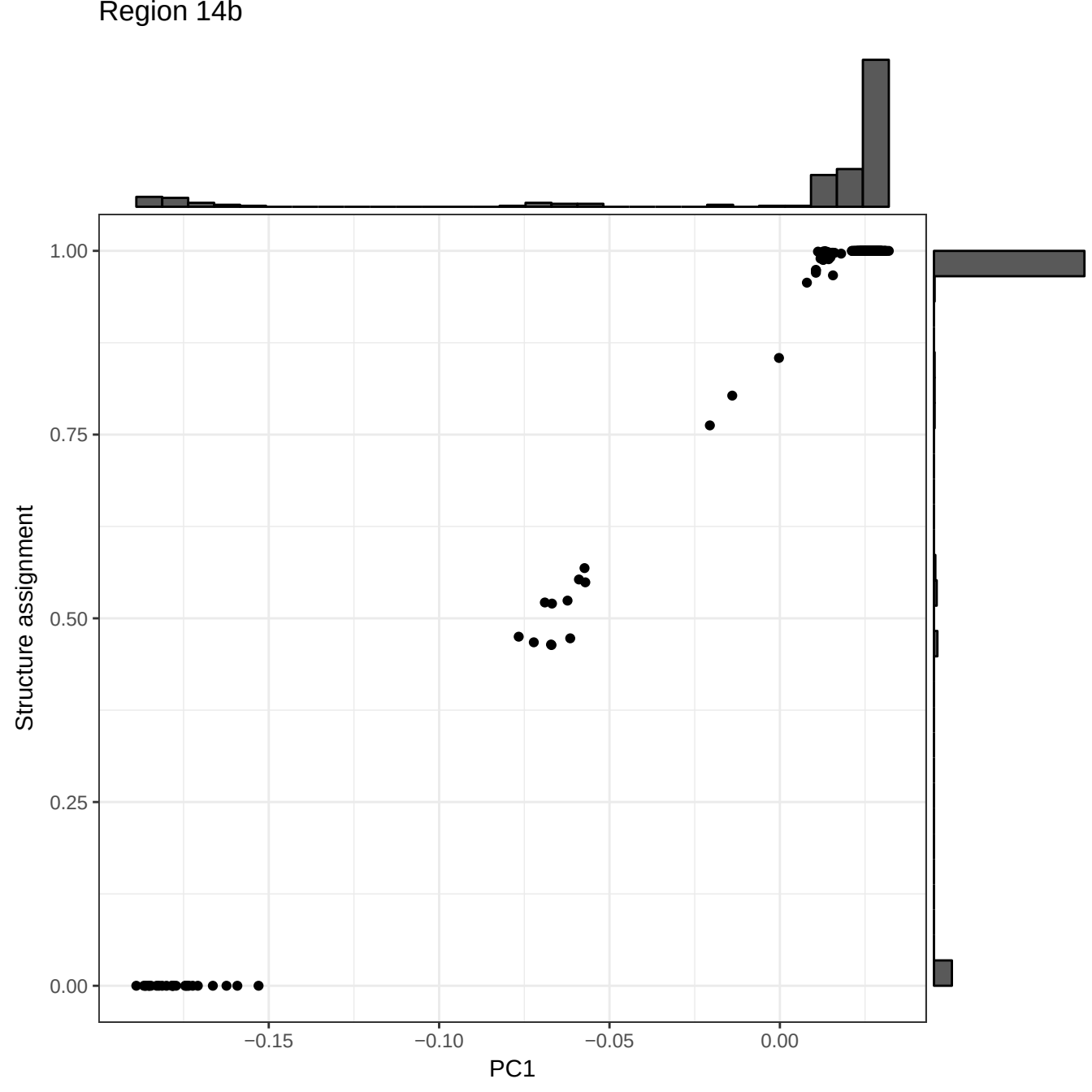

Region 12a
Heterozygosity
0.15
0.10
0.05
0.00
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Haplotype

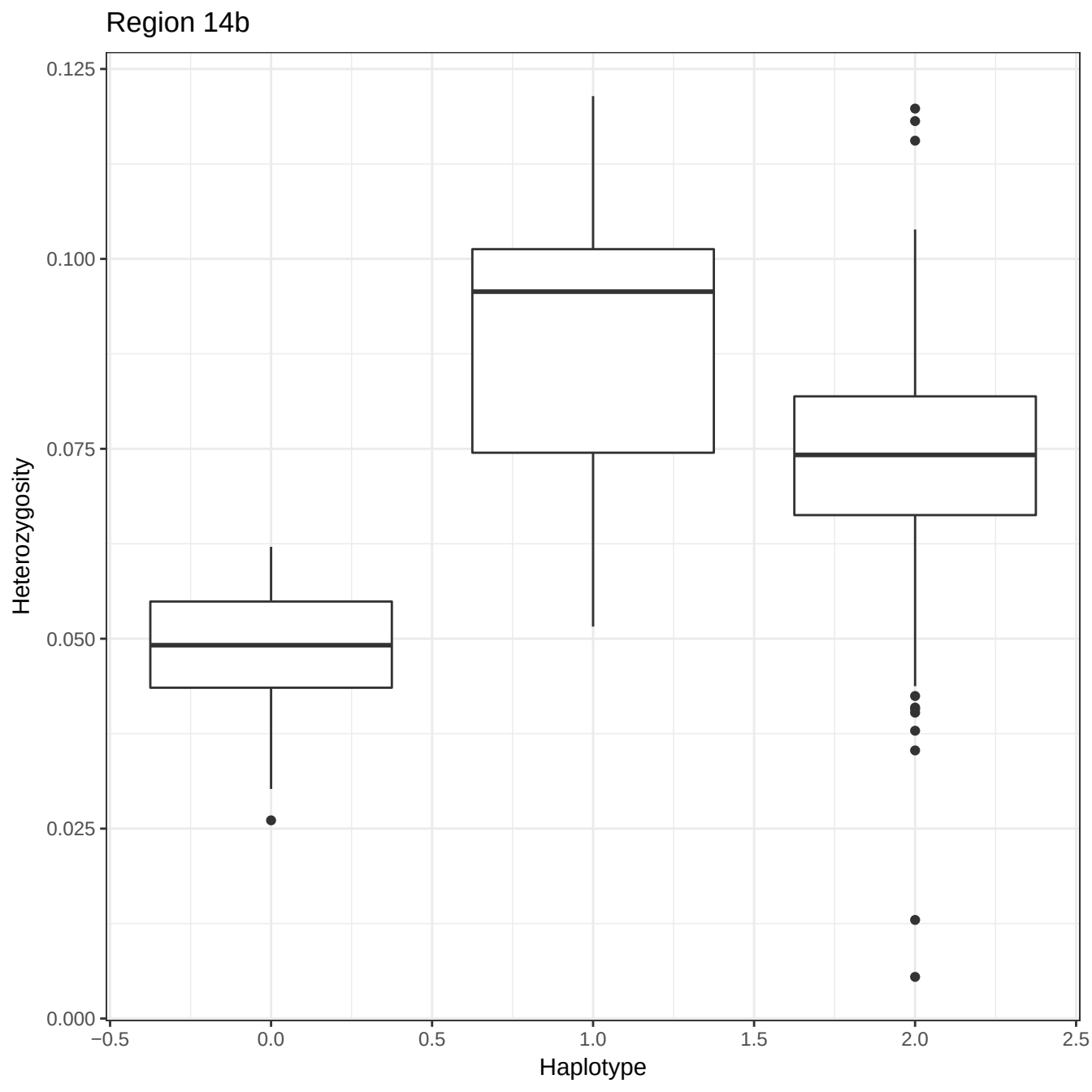

Region 12a
Latitude
Longitude
42
39
36
33
30
−115
−110
−105
−100
Haplotype
0
1
2

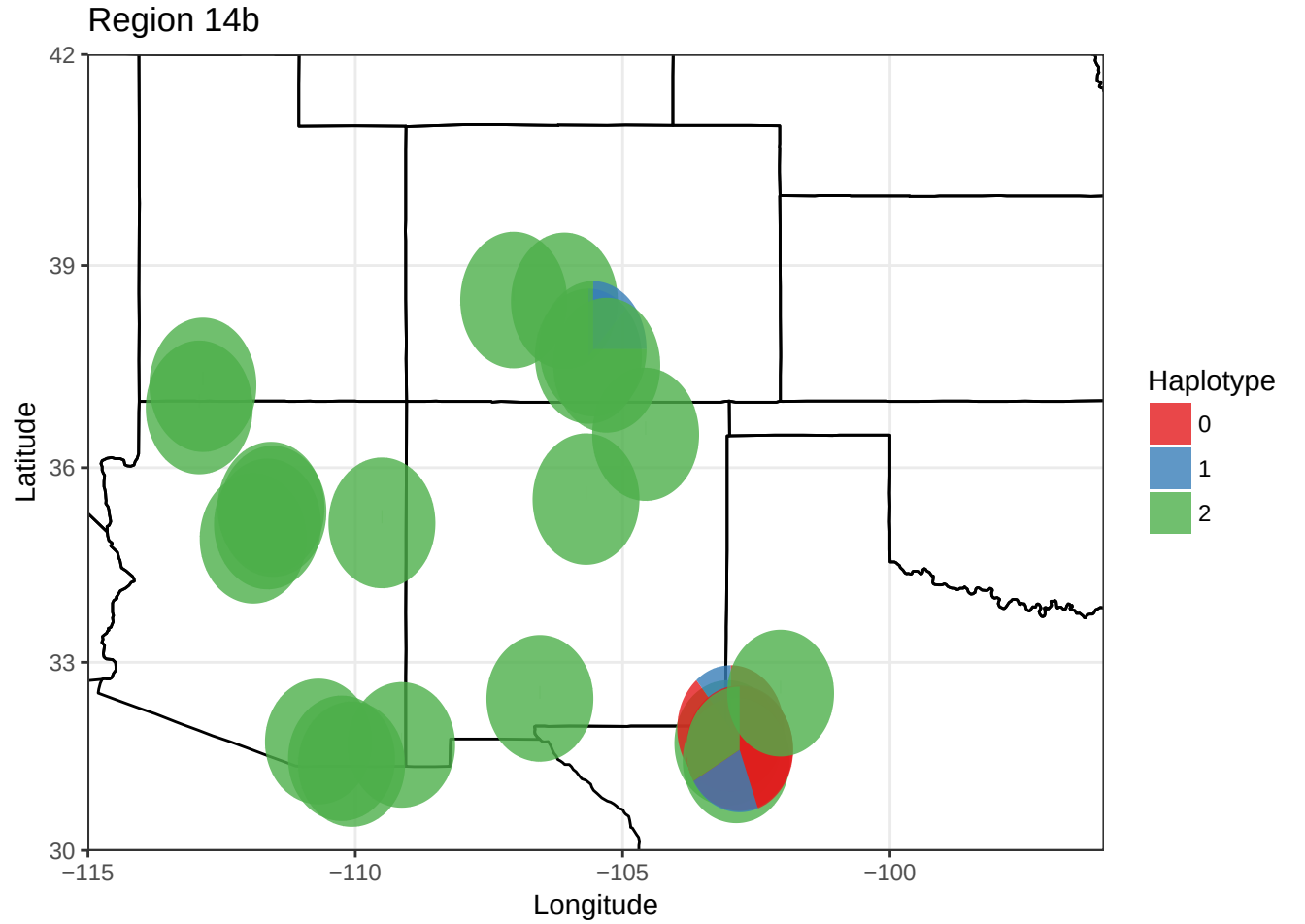

Region 12a
H. neglectus
H. petiolaris
count
9
6
3
0
dune
non−dune
dune
non−dune
ecotype
Haplotype
0
2

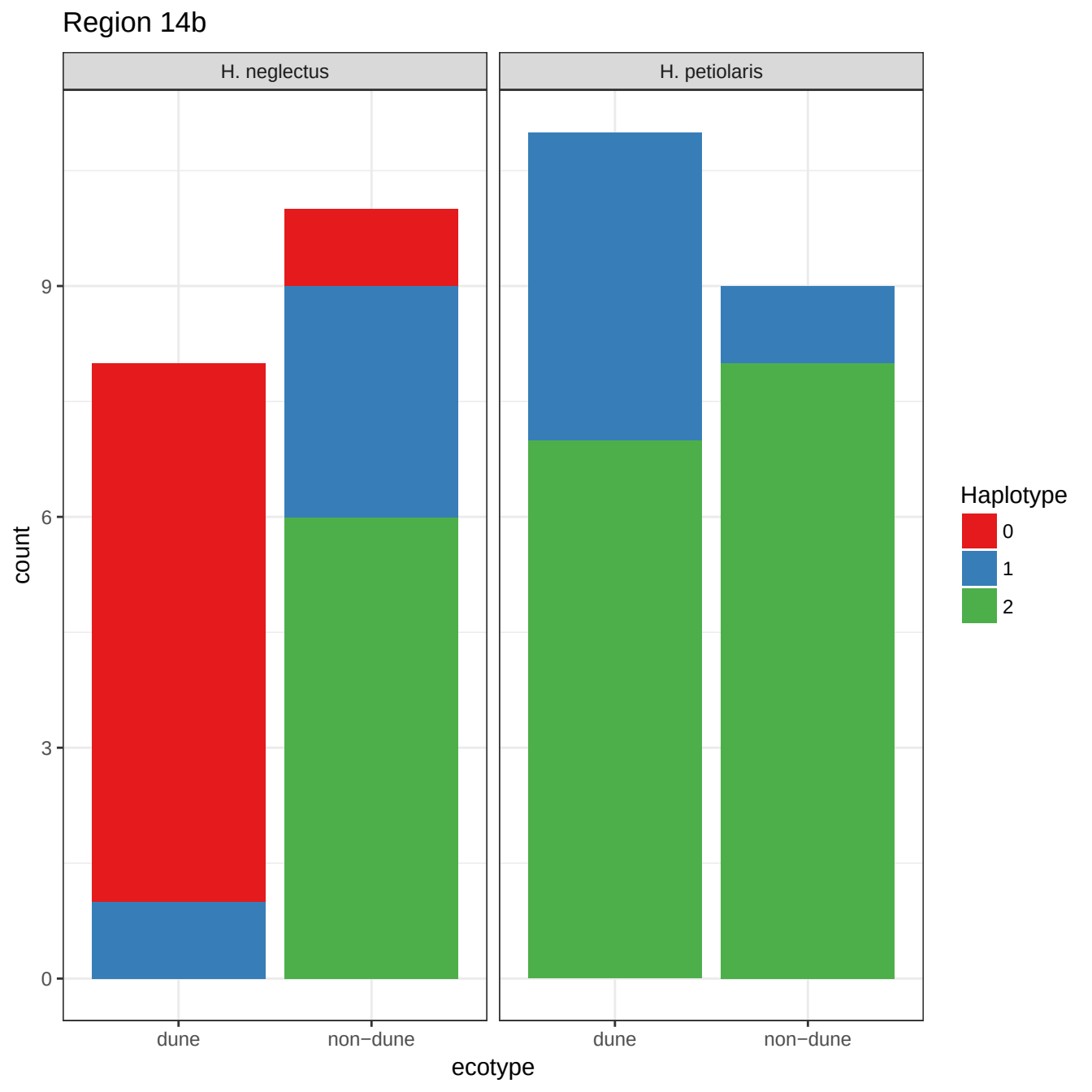

Region 14b
PC2 (2.562 PVE)
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
PC1 (8.403 PVE)
Latitude
38
36
34
32


Region 14b
PC2 (2.562 PVE)
0.05
0.00
−0.05
−0.10
−0.15
−0.10
−0.05
0.00
PC1 (8.403 PVE)
Longitude
−102.5
−105.0
−107.5
−110.0
−112.5


Region 14b
1.00
0.75
0.50
0.25
0.00
Structure assignment
−0.15
−0.10
−0.05
0.00
PC1


Region 14b
Heterozygosity
0.125
0.100
0.075
0.050
0.025
0.000
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Haplotype


Region 14b
42
39
36
33
30
Latitude
−115
−110
−105
−100
Longitude
Haplotype
0
1
2


Region 14b
H. neglectus
H. petiolaris
count
9
6
3
0
dune
non−dune
dune
non−dune
ecotype
Haplotype
0
1
2