

SUPPLEMENTARY DATA

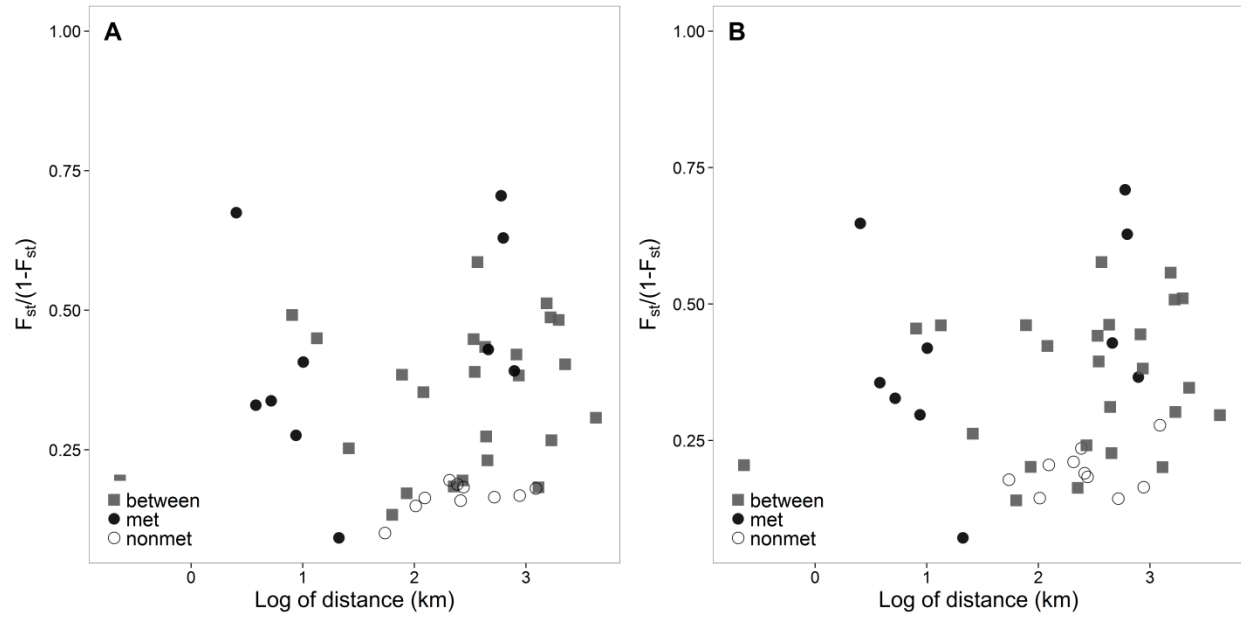


FIG. S1. Regression of the pairwise $F_{st}/(1 - F_{st})$ in both years on the logarithm of the geographic distances between populations of *Noccaea caerulea*. Light grey, between ecotype; medium grey, among metallicolous populations; dark grey, among nonmetallicolous populations; (A) 2012; (B) 2013. Slopes were not significantly different from zero.

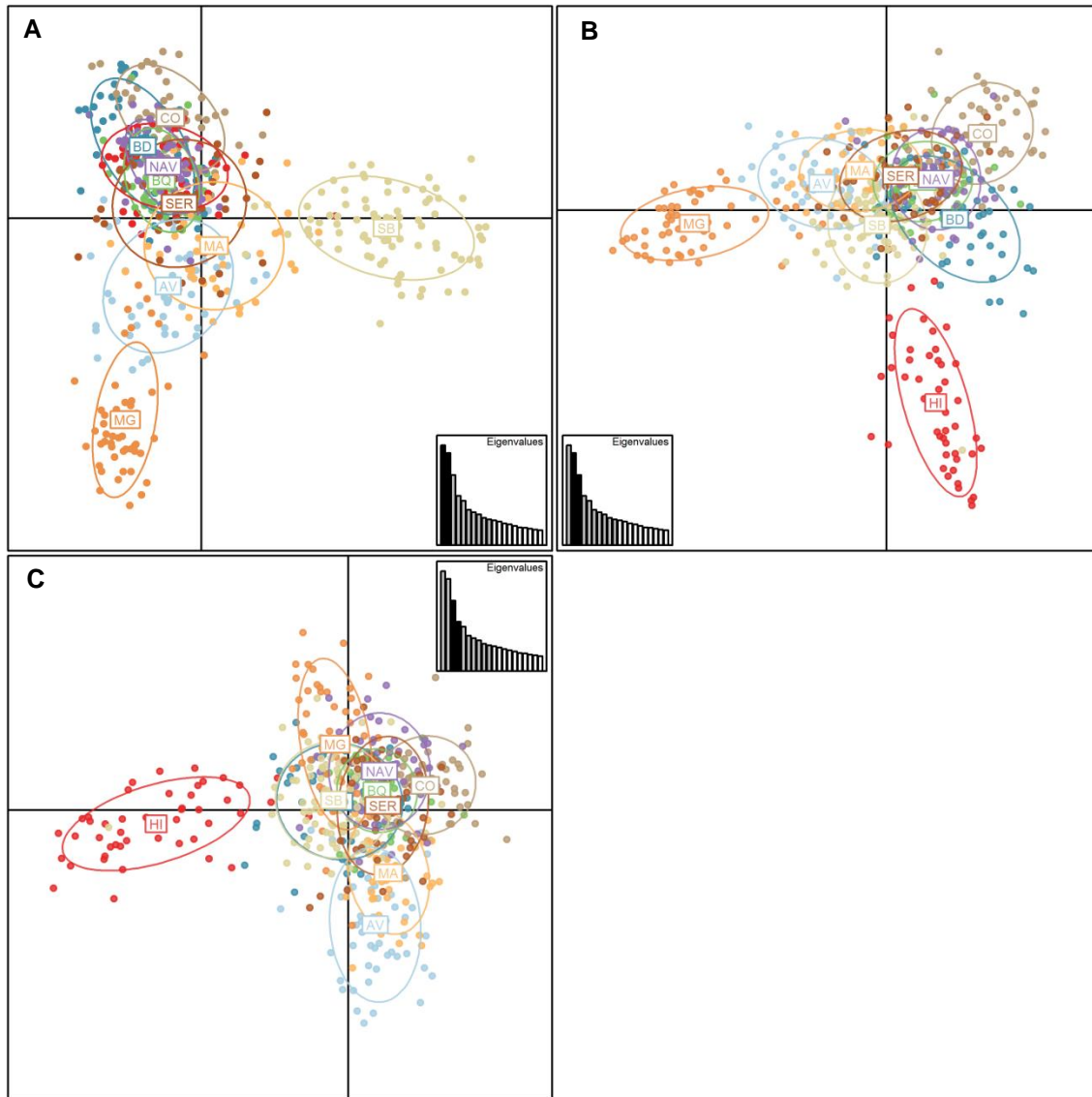


FIG. S2. Projection of individuals in the principal components plane of a principal components analysis in *Noccaea caerulea*. (A) First and second principal components. (B) Second and third principal components. (C) Third and fourth principal components. Colours represent different populations. Corners: screeplot of eigenvalues associated with each component. Plots from 2013 sampling are not shown as they were extremely similar to those of 2012. AV, Avinières; BD, Saint Baudille; BQ, Baraquette; CO, Coulet; HI, Saint Hippolyte; MA, Malines; MG, Moyen-Âge; Pop, populations ; RT, Route; SE, Séranne.

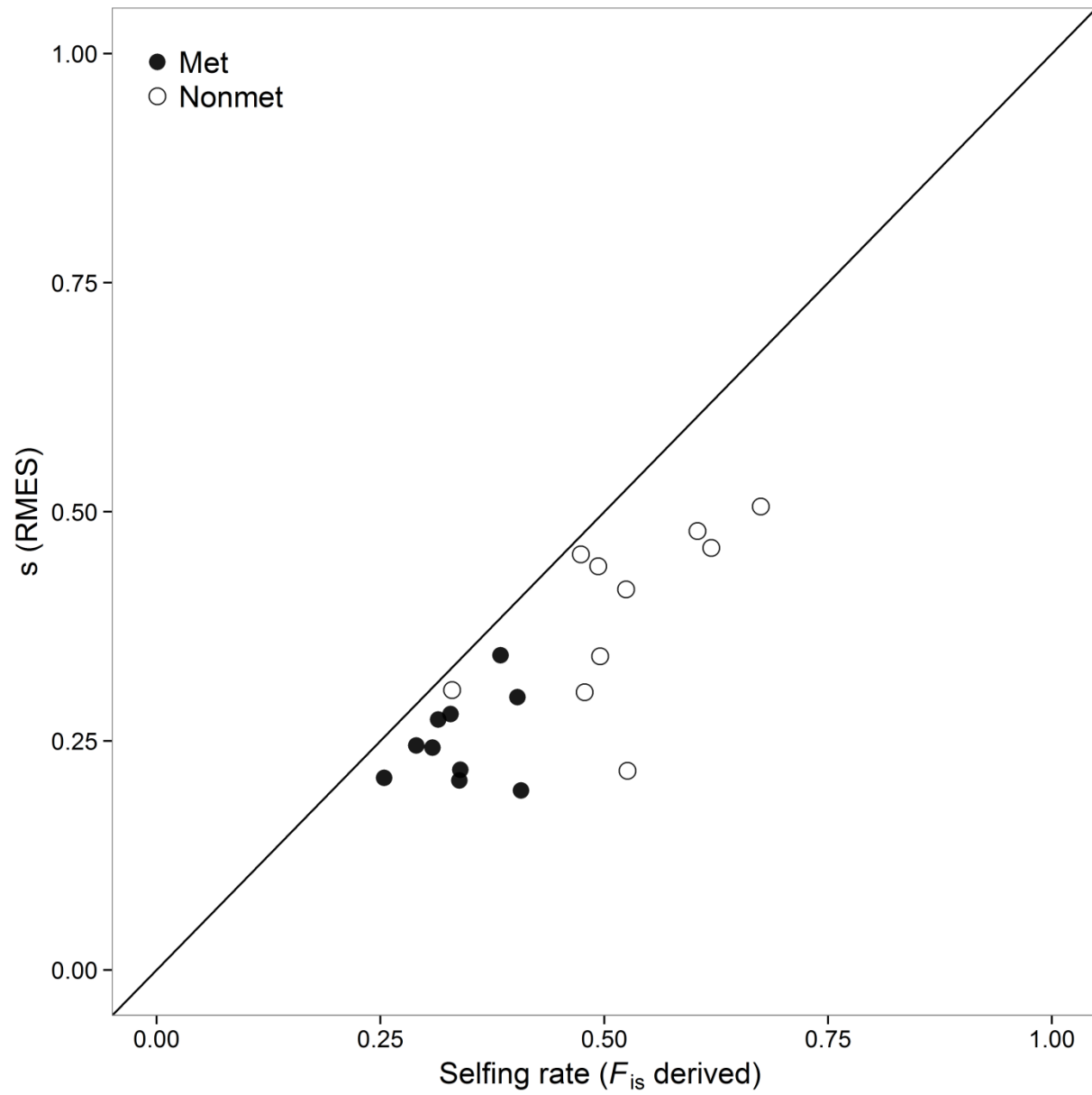


FIG. S3. Correlation between selfing rates of *Noccaea caerulea* derived from F_{is} and estimated with the RMES method.

TABLE S1. Pairwise F_{st} between populations of *Noccaea caerulescens*. The bottom left half are estimates from 2012 and right top half are estimates from 2013.

| | | MET | | | | | NONMET | | | | |
|---------|-----|------|------|------|------|------|--------|------|------|------|------|
| Ecotype | Pop | AV | HI | MA | MG | SB | BD | BQ | CO | RT | SE |
| MET | AV | | 0.30 | 0.07 | 0.26 | 0.30 | 0.23 | 0.21 | 0.24 | 0.18 | 0.17 |
| | HI | 0.30 | | 0.27 | 0.42 | 0.39 | 0.23 | 0.31 | 0.34 | 0.26 | 0.28 |
| | MA | 0.08 | 0.28 | | 0.25 | 0.23 | 0.17 | 0.17 | 0.19 | 0.14 | 0.12 |
| | MG | 0.25 | 0.41 | 0.25 | | 0.39 | 0.36 | 0.31 | 0.37 | 0.31 | 0.32 |
| | SB | 0.29 | 0.39 | 0.22 | 0.40 | | 0.34 | 0.32 | 0.32 | 0.28 | 0.30 |
| NONMET | BD | 0.21 | 0.24 | 0.15 | 0.34 | 0.33 | | 0.22 | 0.16 | 0.13 | 0.14 |
| | BQ | 0.20 | 0.30 | 0.15 | 0.33 | 0.31 | 0.15 | | 0.19 | 0.17 | 0.15 |
| | CO | 0.22 | 0.33 | 0.16 | 0.37 | 0.30 | 0.14 | 0.16 | | 0.13 | 0.17 |
| | RT | 0.19 | 0.29 | 0.16 | 0.31 | 0.28 | 0.14 | 0.16 | 0.13 | | 0.15 |
| | SE | 0.15 | 0.28 | 0.12 | 0.28 | 0.26 | 0.14 | 0.09 | 0.14 | 0.15 | |

AV, Avinières; BD, Saint Baudille; BQ, Baraquette; CO, Coulet; HI, Saint Hippolyte; MA, Malines; MET, metallicolous populations ; NONMET, nonmetallicolous populations ; MG, Moyen-Âge; Pop, populations ; RT, Route; SE, Séranne.