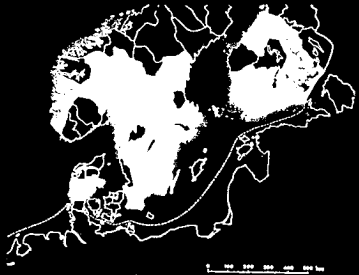


TABLE 5. Step-wise multiple regression between distribution type F and 11 environmental variables.

Variable entered	Cumulative proportion of sum of squares reduced	Regression coefficient	t
Bright sunshine hours	0.504	3.2372	5.785
July mean temperature	0.543	1.5531	1.692
Inland versus island clima	0.568	2.5808	3.235
Length of the growing season	0.591	0.7837	2.305
Intercept -6.788. Multiple correlation coefficient 0.760 ($p < 0.01$).			

FIG. 28. *Myrmica lobicornis* Nylander.FIG. 30. *Leptothorax tuberum* (Fabricius)FIG. 31. *Leptothorax muscorum* (Nylander).FIG. 29. *Myrmica ruginodis* Nylander.FIG. 32. *Leptothorax acervorum* (Fabricius)

highly significant for this distribution group. The implication of this particular segregation from the analysis is that the distribution type selects out the species that could be present according to the climatic possibility as well as the species