

Figure S1. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Bacillariophyceae. For details see legend.

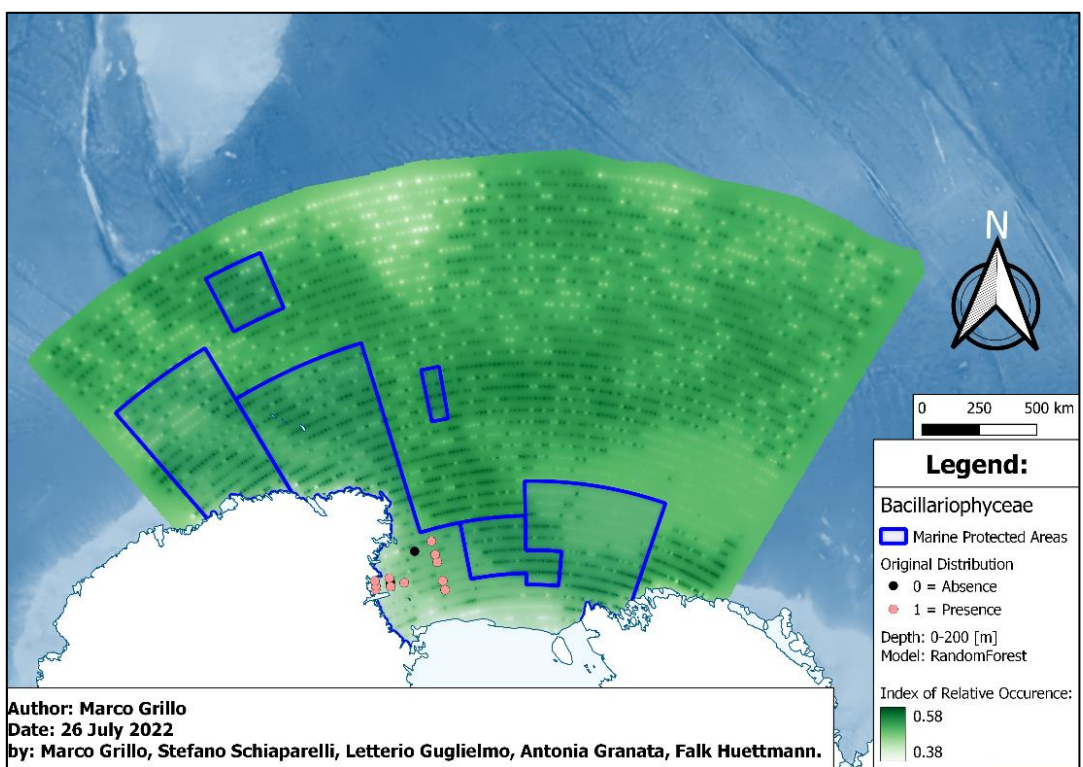


Figure S2. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Bacillariophyceae. For details see legend.

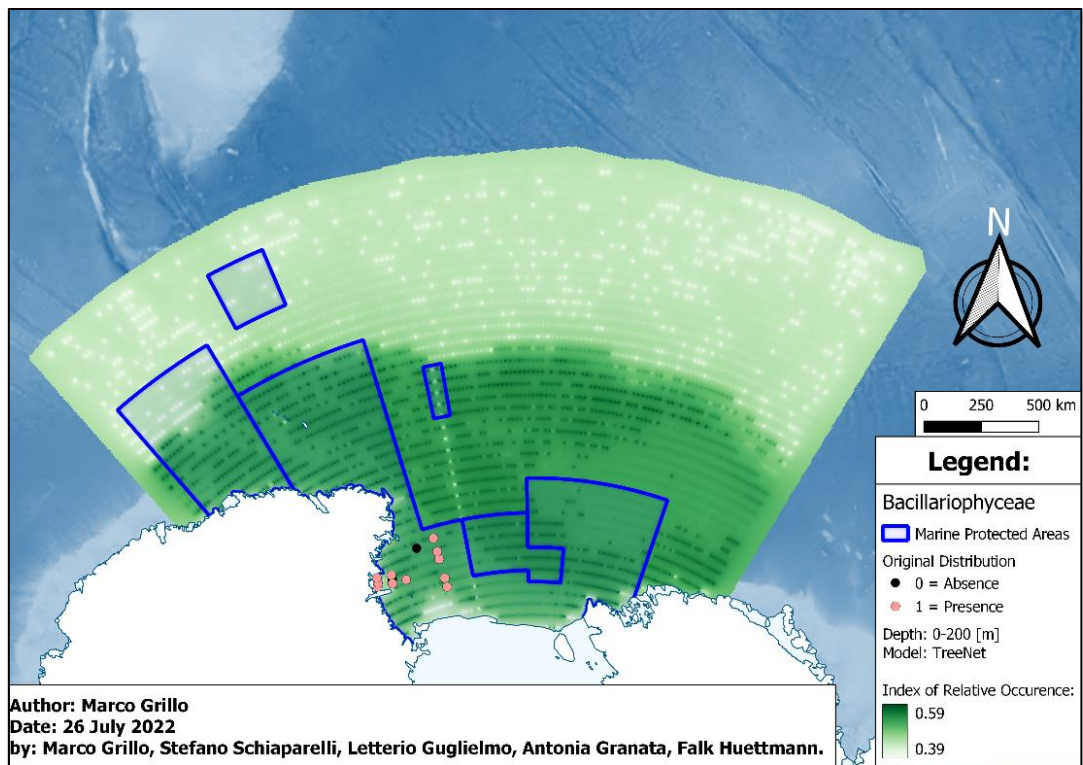


Figure S3. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Bacillariophyceae. For details see legend.

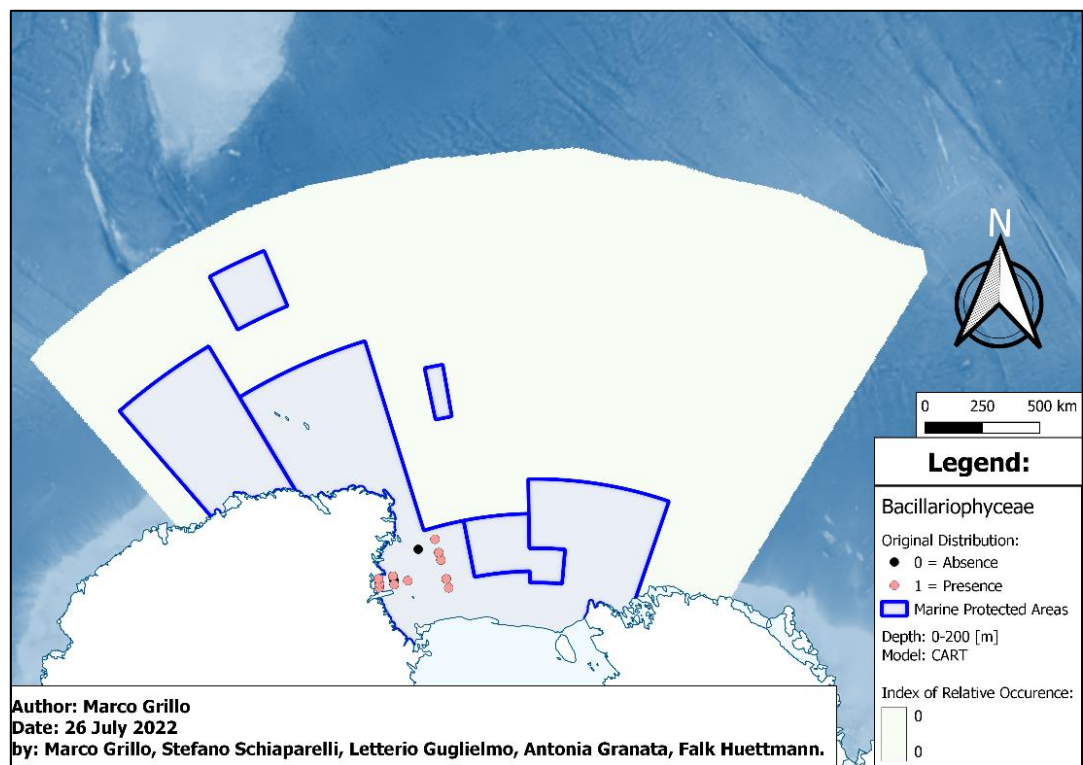


Figure S4. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Bacillariophyceae. For details see legend.



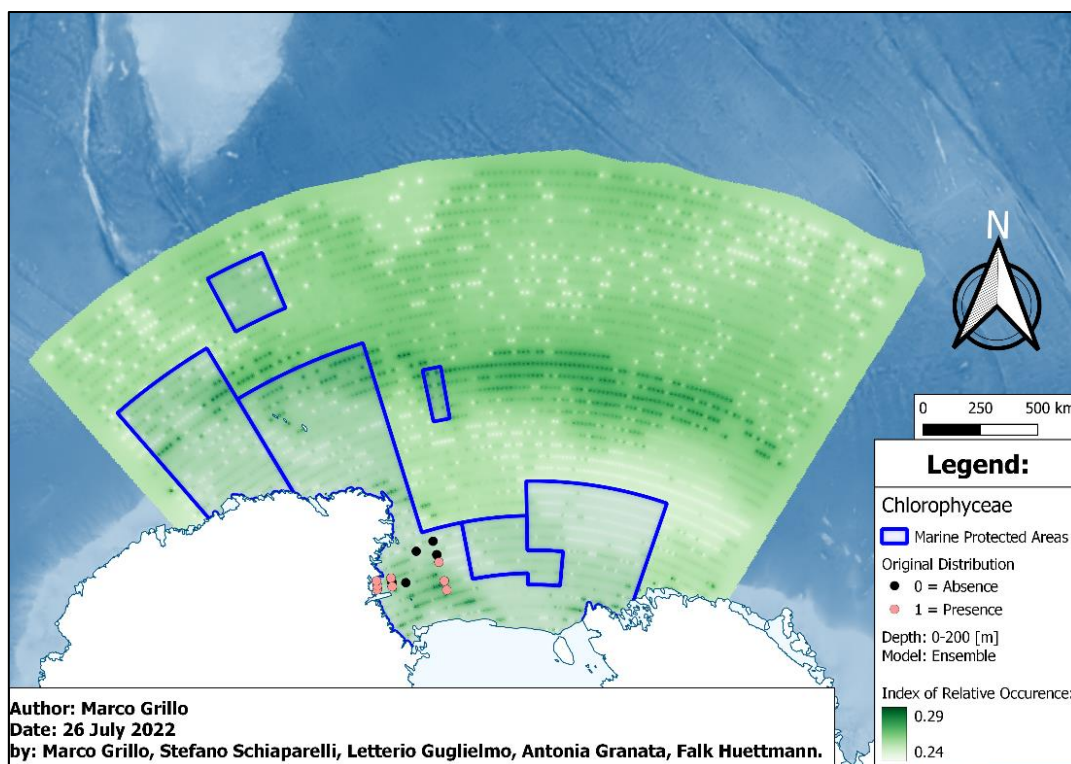


Figure S5. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Chlorophyceae. For details see legend.

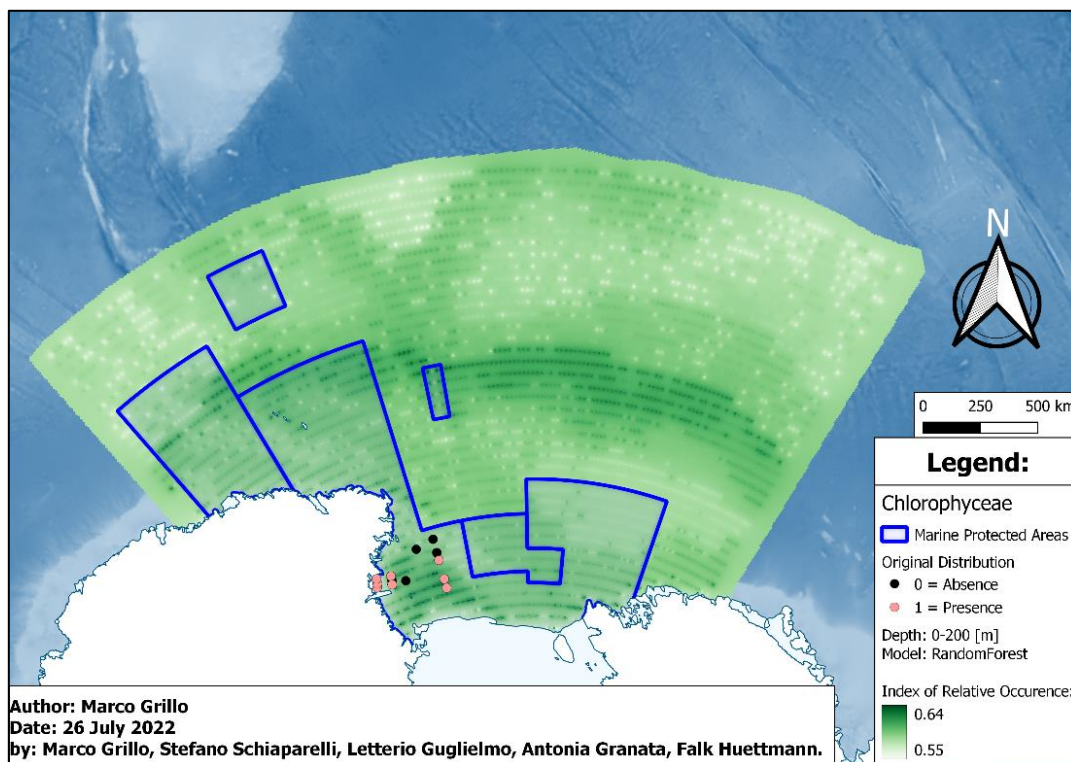


Figure S6. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Chlorophyceae. For details see legend.

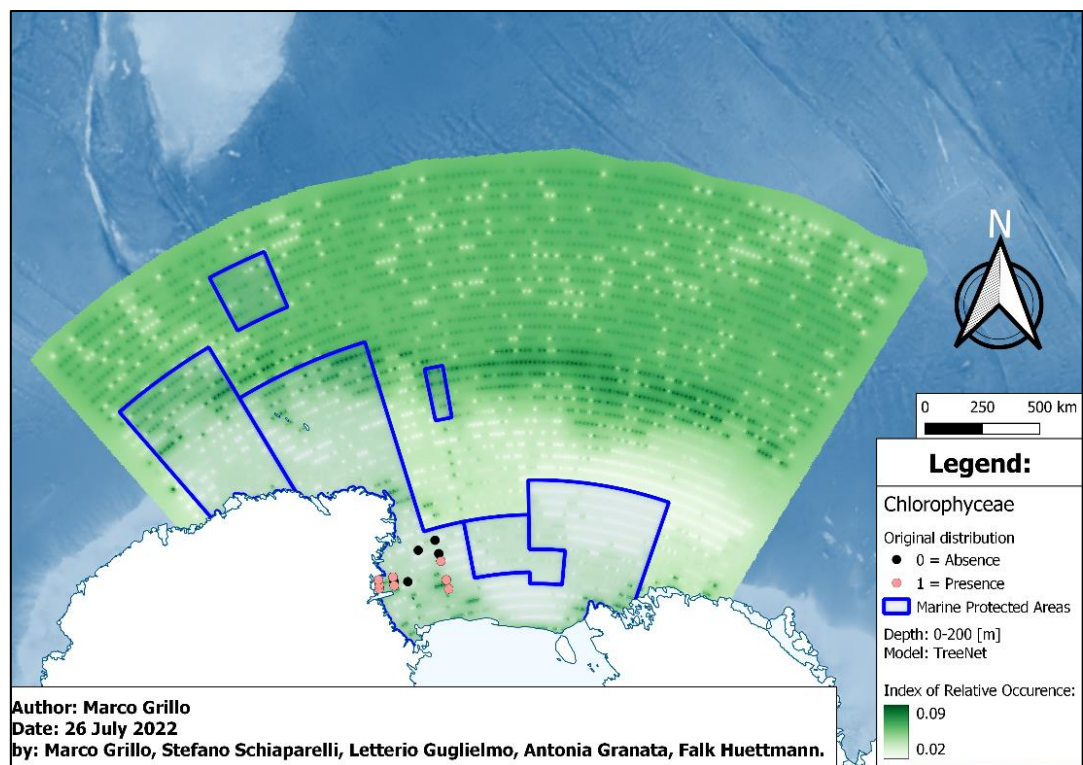


Figure S7. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Chlorophyceae. For details see legend.

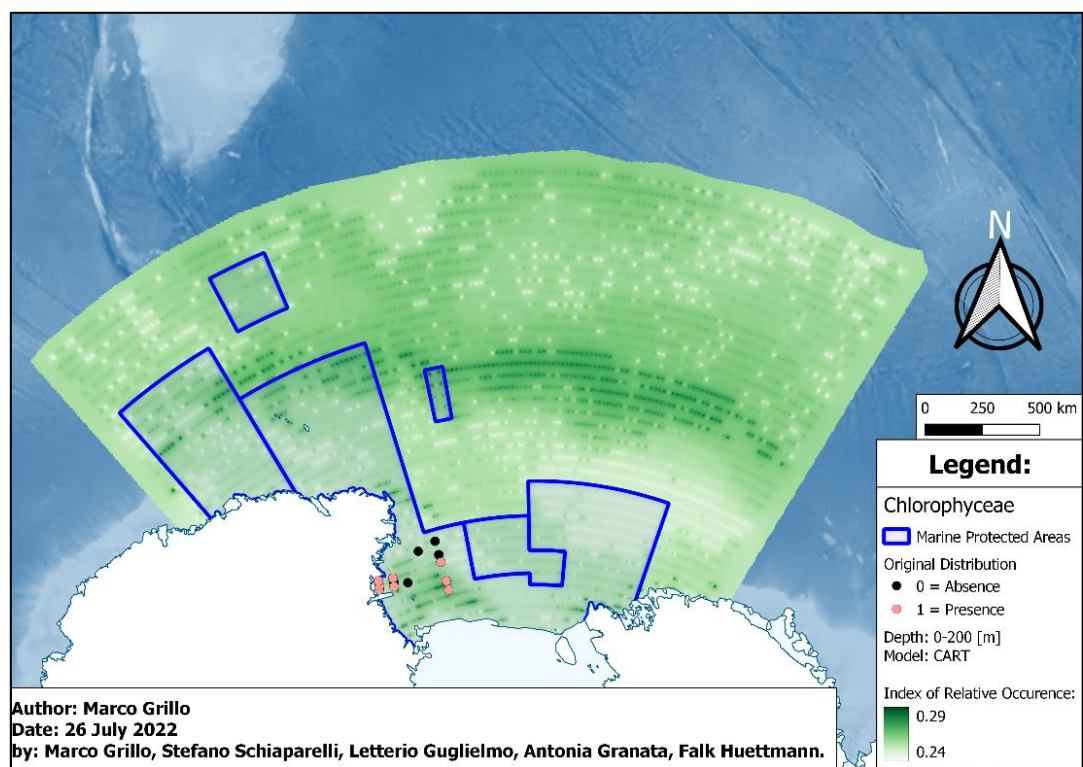


Figure S8. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Chlorophyceae. For details see legend.



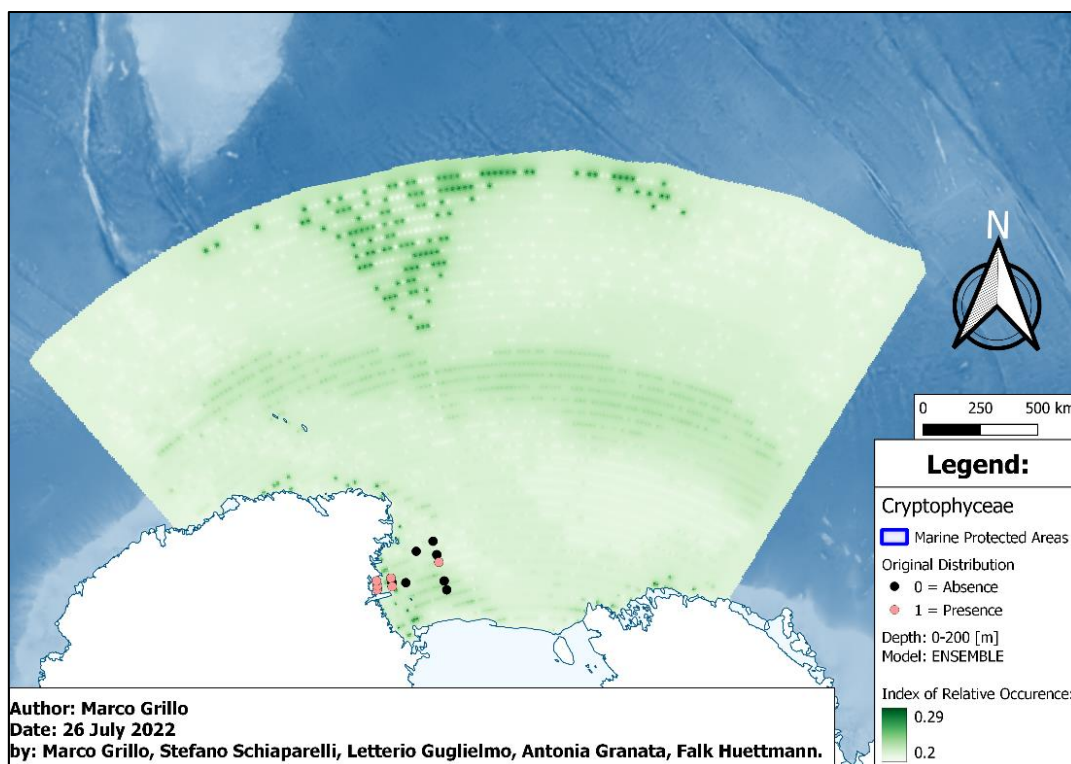


Figure S9. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Cryptophyceae. For details see legend.

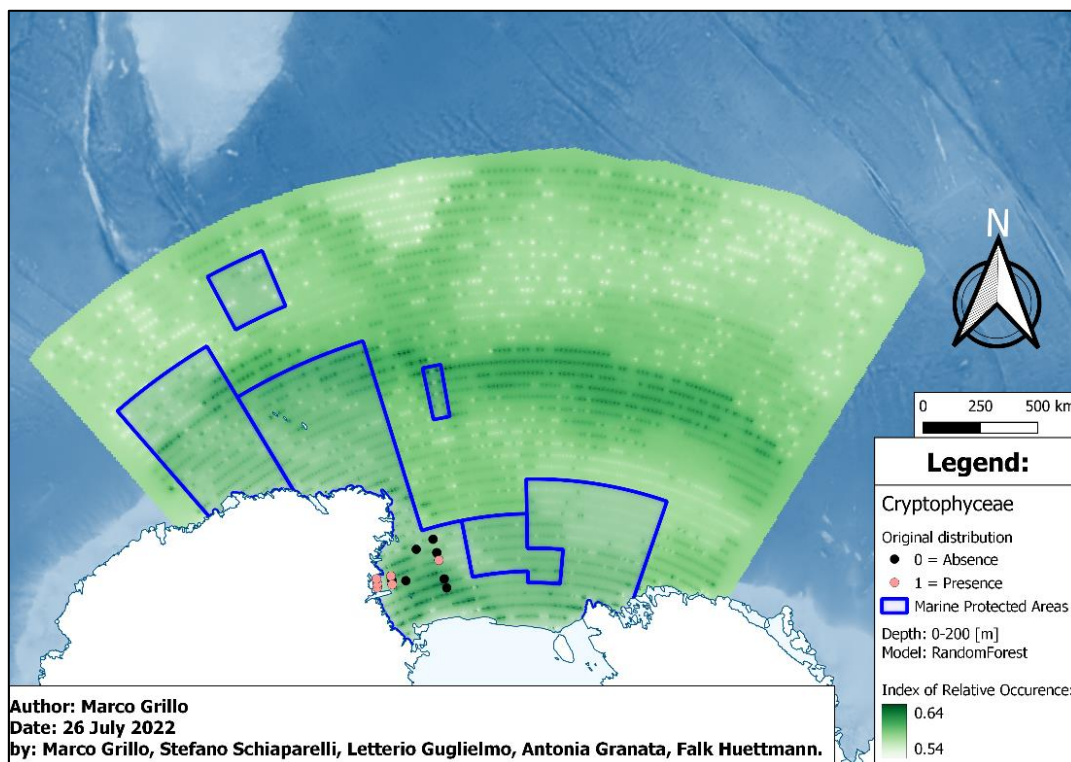


Figure S10. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Cryptophyceae. For details see legend.

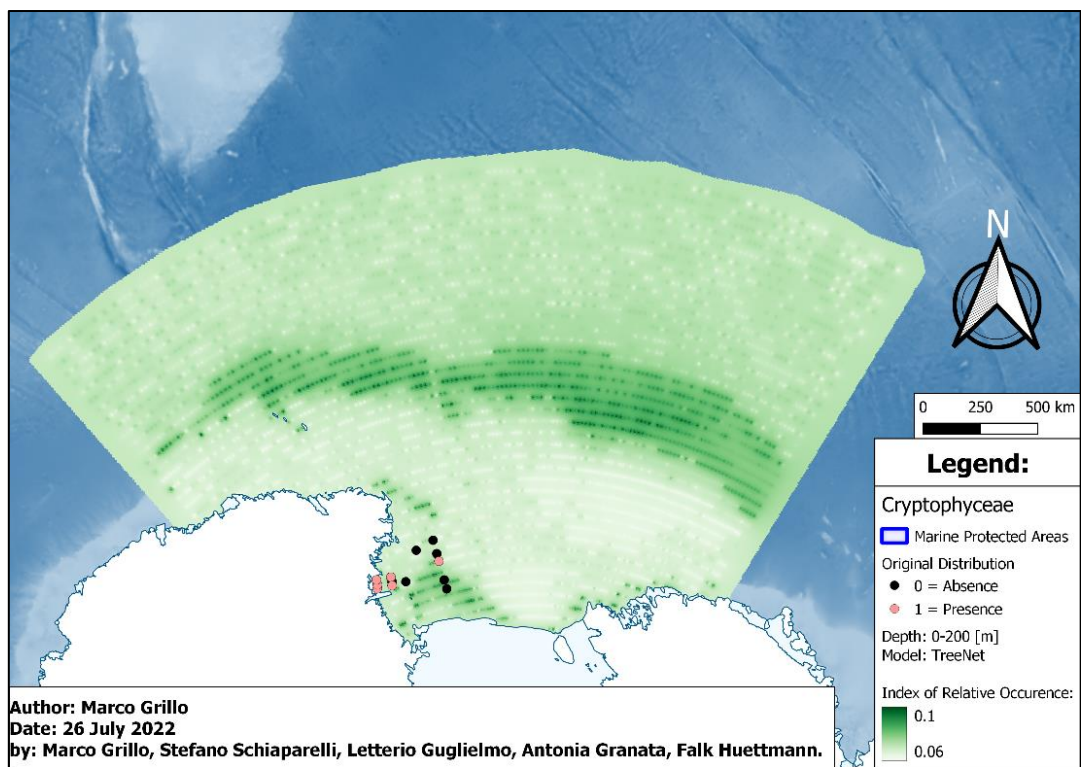


Figure S11. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Cryptophyceae. For details see legend.

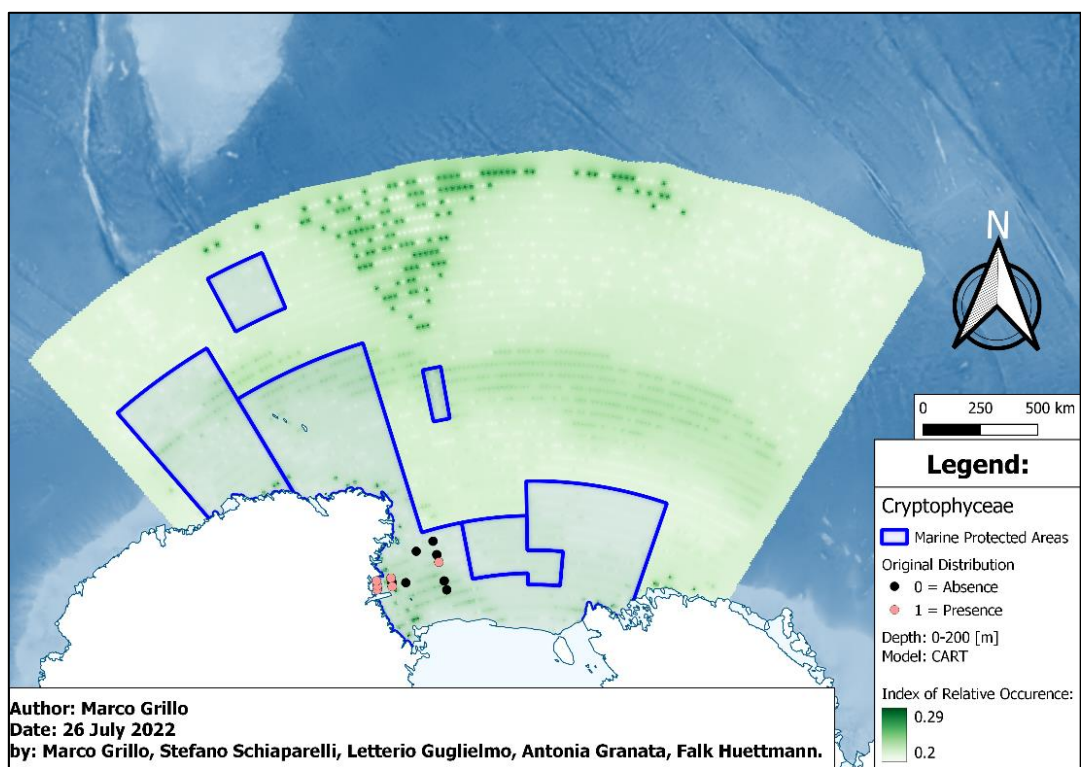


Figure S12. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Cryptophyceae. For details see legend.



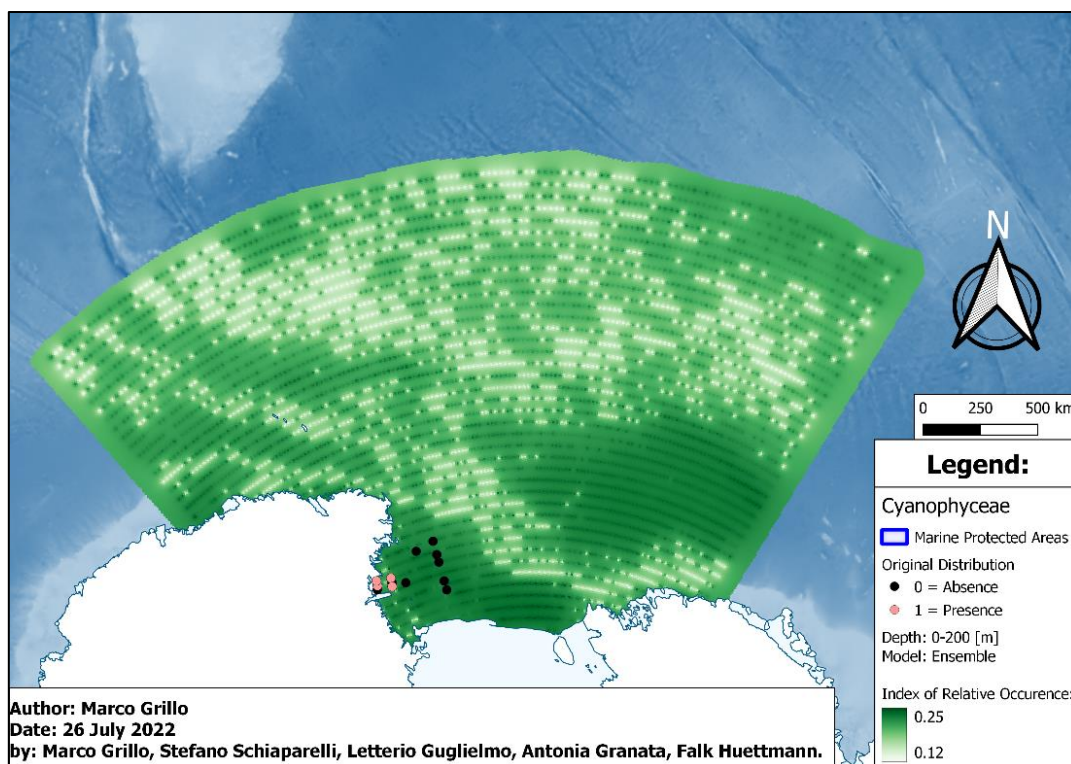


Figure S13. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Cyanophyceae. For details see legend.

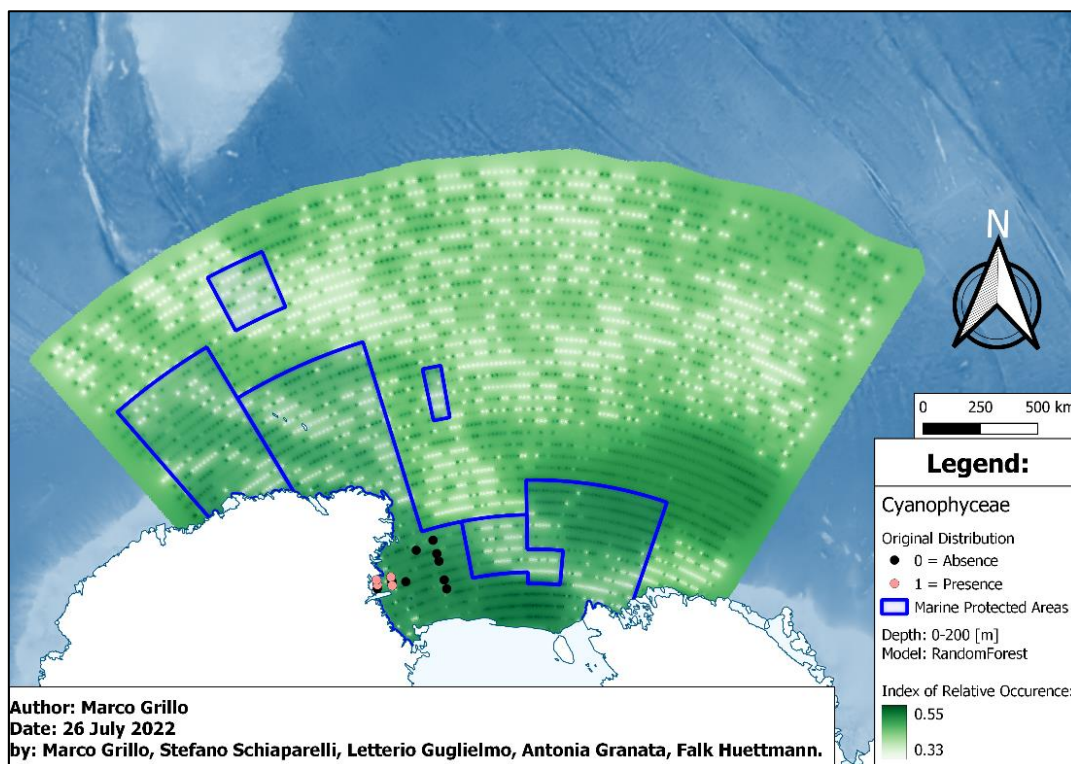


Figure S14. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Cyanophyceae. For details see legend.

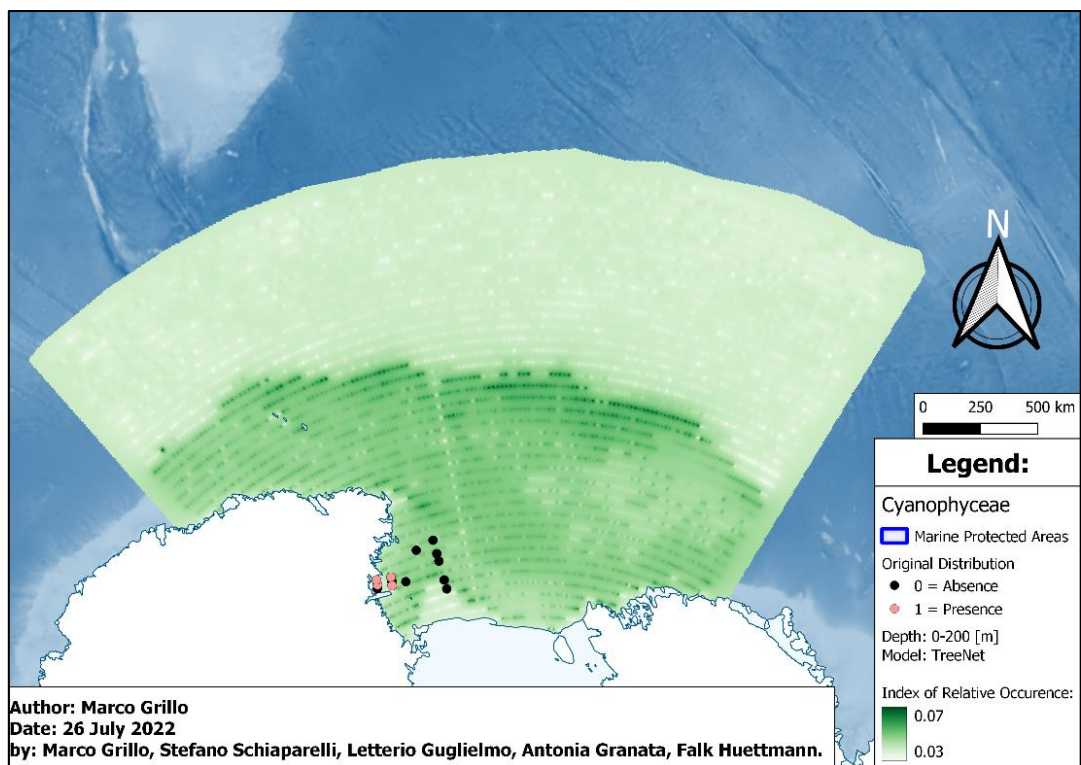


Figure S15. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Cyanophyceae. For details see legend.

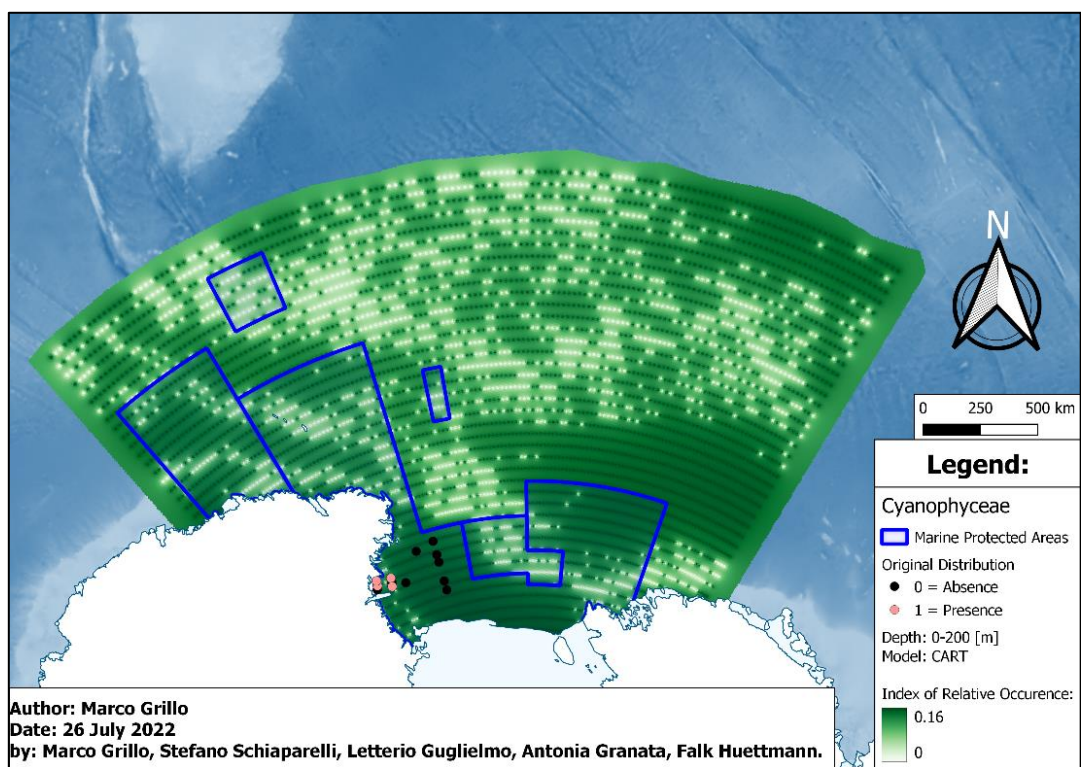


Figure S16. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Cyanophyceae. For details see legend.



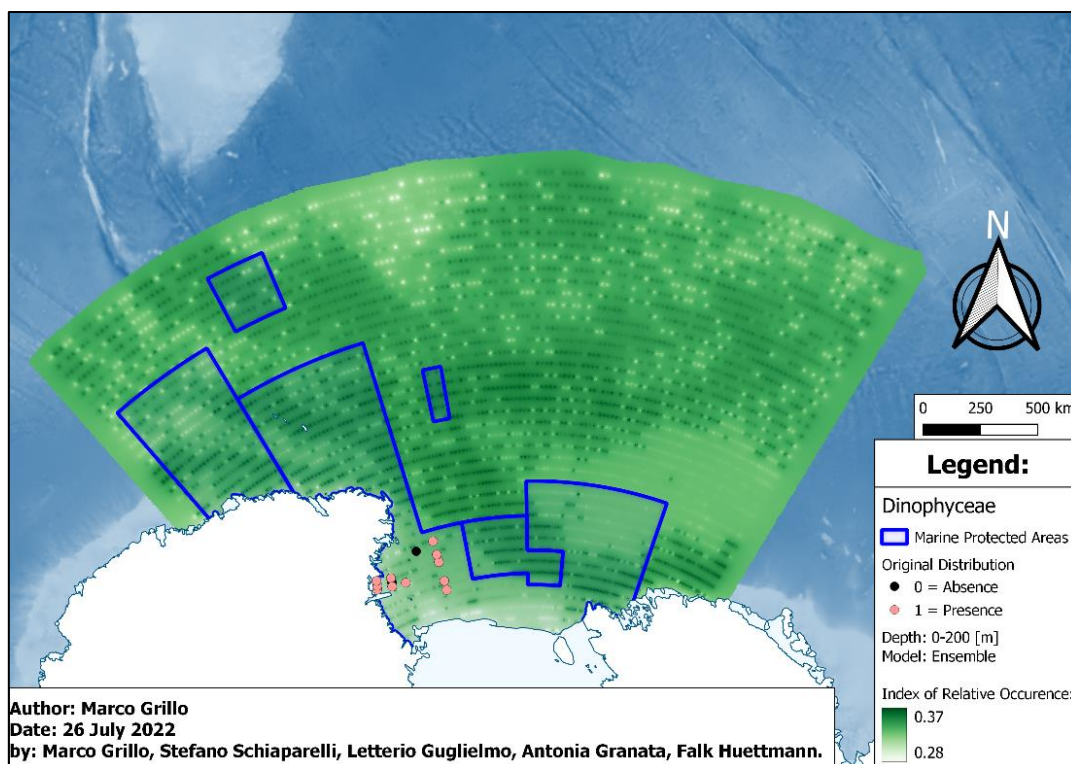


Figure S17. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Dinophyceae. For details see legend.

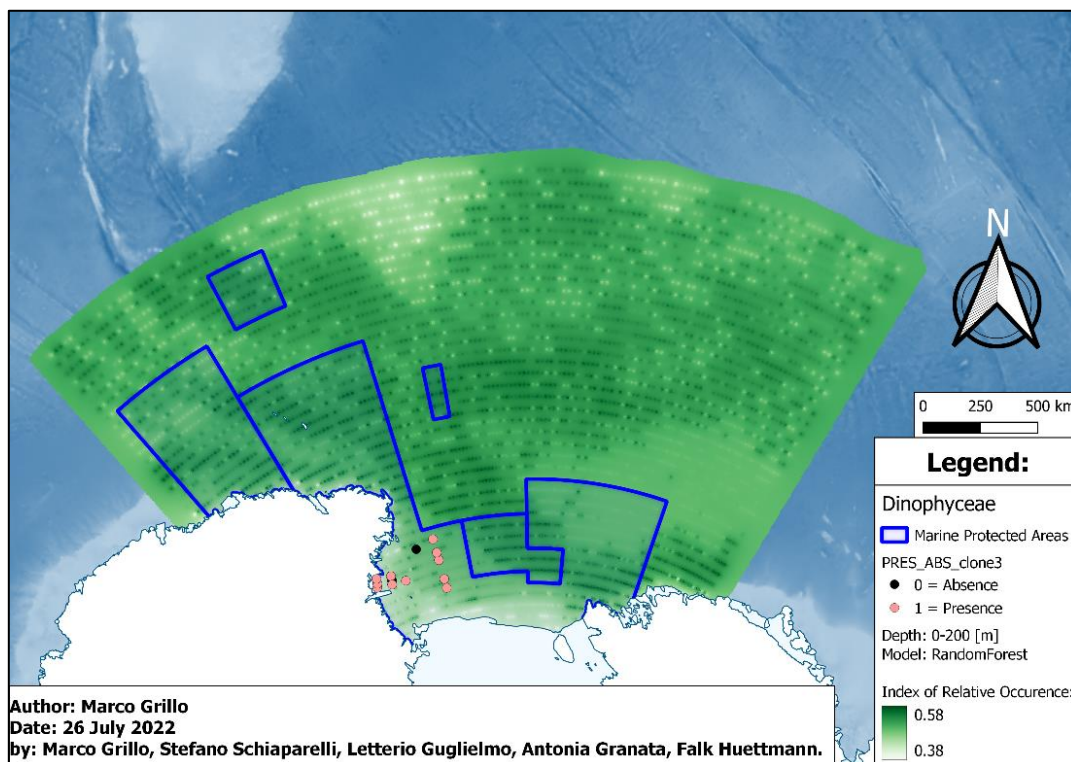


Figure S18. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Dinophyceae. For details see legend.

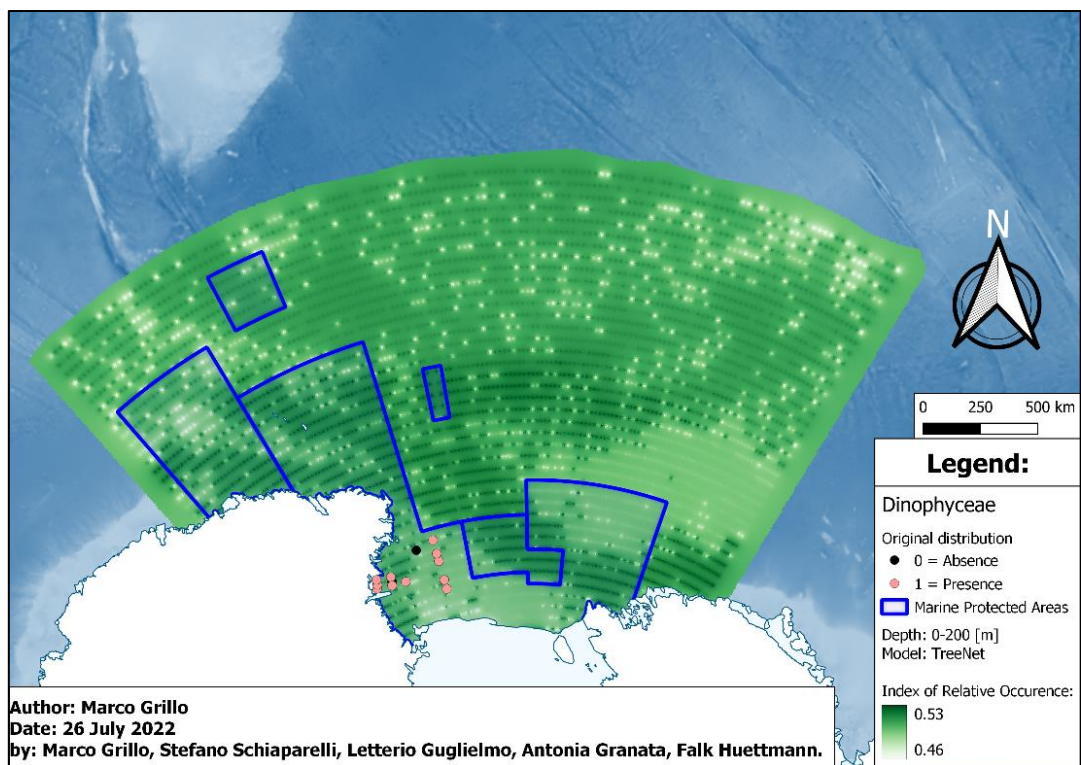


Figure S19. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Dinophyceae. For details see legend.

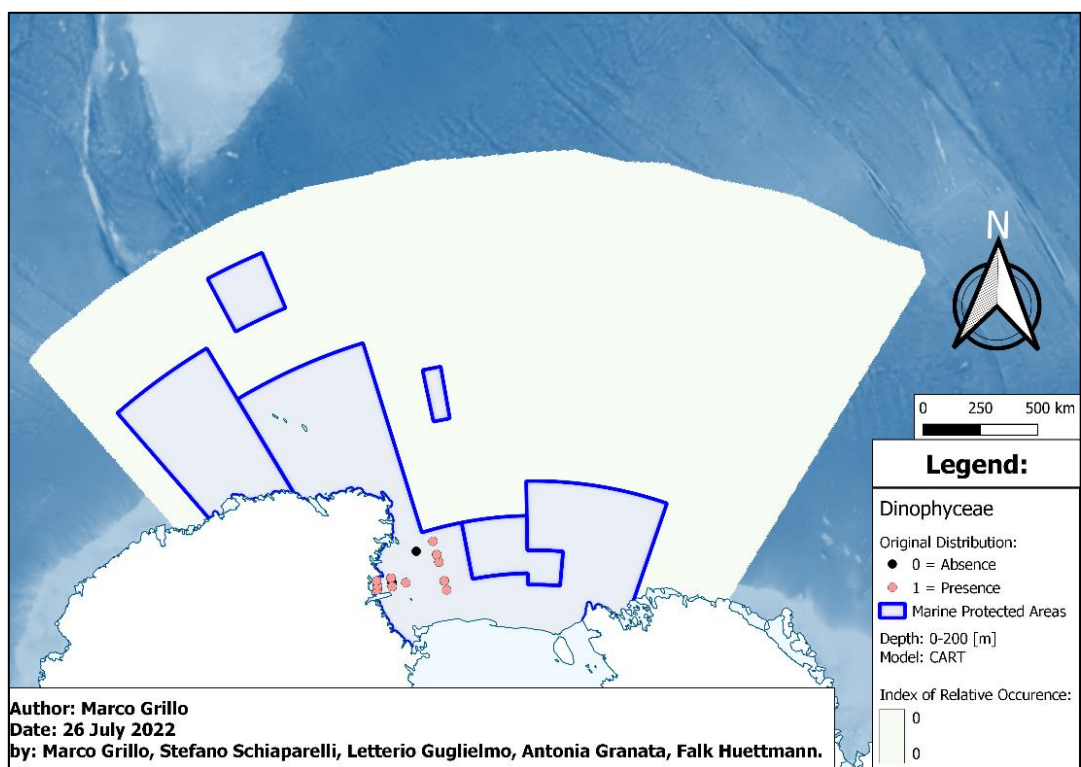


Figure S20. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Dinophyceae. For details see legend.



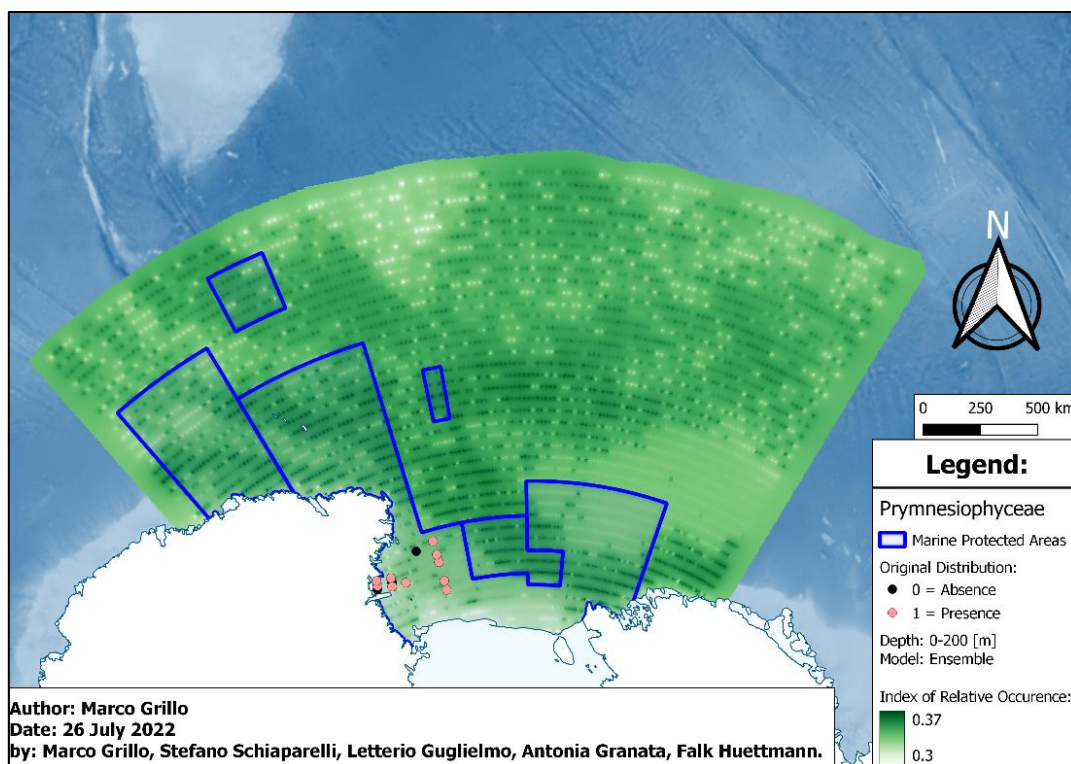


Figure S21. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the Ensemble model for the depth class 0-200 meters of the Prymnesiophyceae. For details see legend.

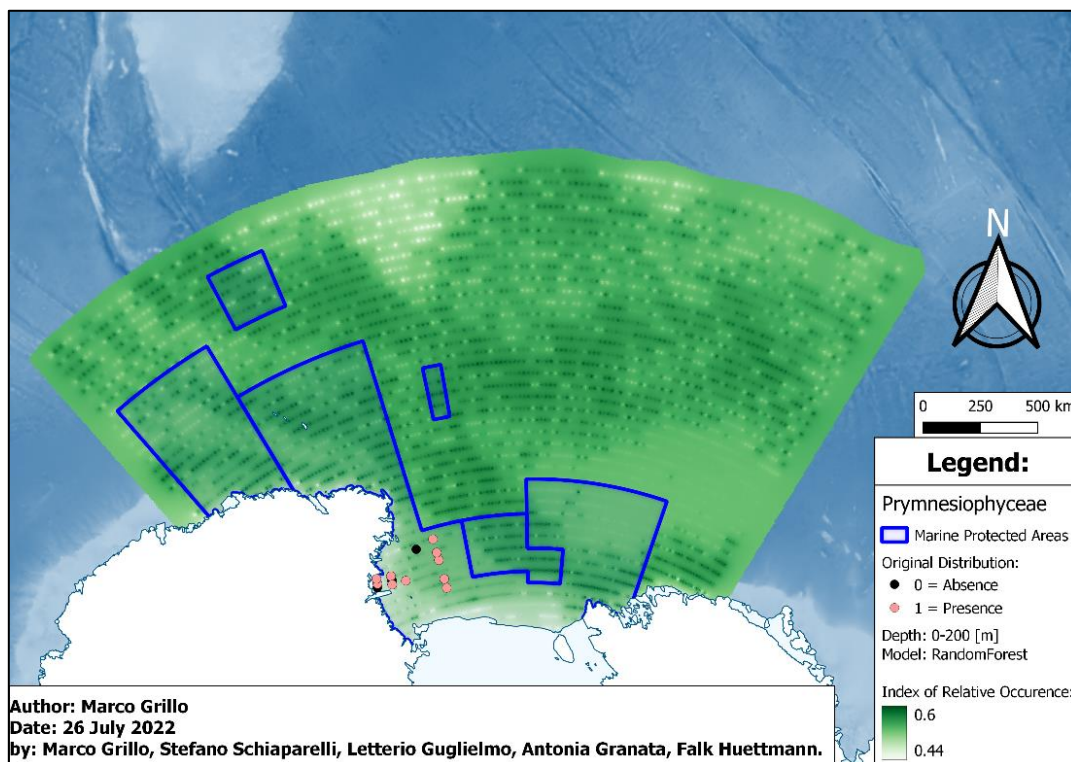


Figure S22. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the RandomForest model for the depth class 0-200 meters of the Prymnesiophyceae. For details see legend.

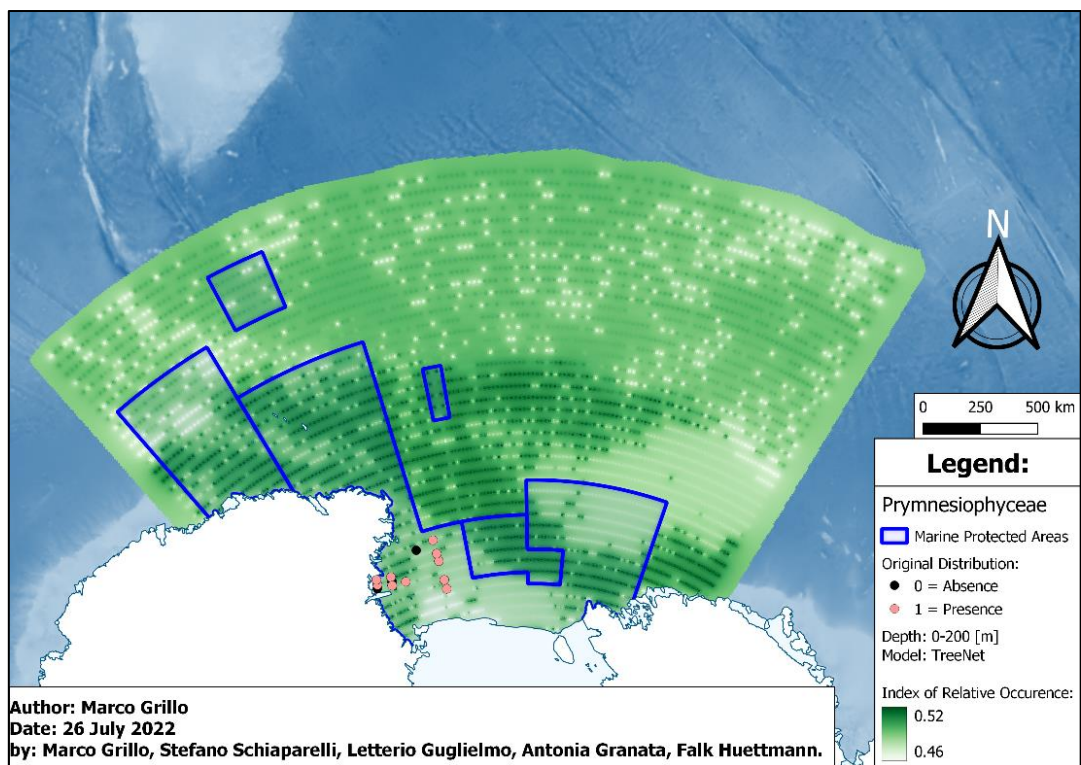


Figure S23. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the TreeNet model for the depth class 0-200 meters of the Prymnesiophyceae. For details see legend.

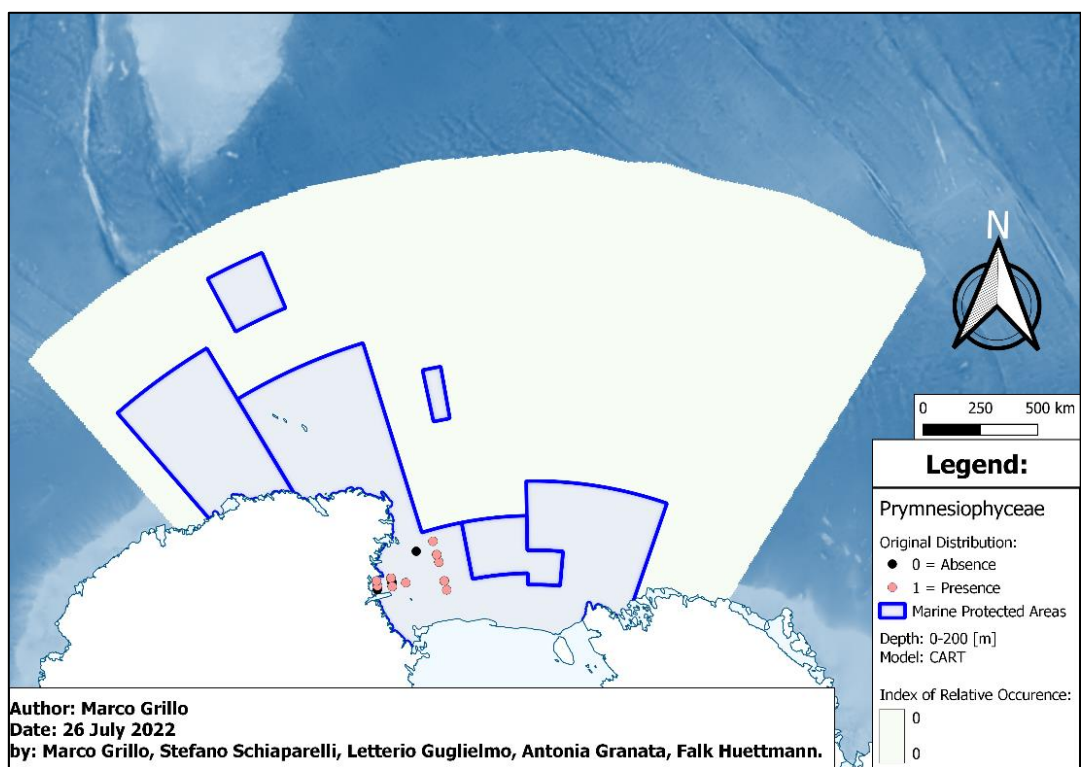


Figure S24. Presence/absence points of raw survey location shown over a predicted lattice grid summer distribution using the CART model for the depth class 0-200 meters of the Prymnesiophyceae. For details see legend.