DATA SHARING AGREEMENT

BETWEEN  
Do spatial and genomic estimates of connectivity agree? Working Group  
AND  
Predicting Diversity and Divergence in the Sea Working Group

This agreement describes the sharing of data from the Predicting Diversity and Divergence in the Sea Working Group (hereafter referred to as “Diversity & Divergence group”) with the Do spatial and genomic estimates of connectivity agree? Working Group (hereafter referred to as “Spatial & Genomic Connectivity group”) for analysis and publication. The agreement herein outlines the responsibilities of both parties to create an equitable, beneficial, and successful relationship and to clarify the use of data, authorship, and attribution.

# **Description of Data and Analysis**

Up to six genetic datasets, and corresponding meta data, for select species within the Diversity & Divergence group’s larger dataset. These data will be used to estimate connectivity using the SLiM software and compared with estimates of connectivity for those same populations using movement data (tagging, observational).

This Description of Data will be updated when specific species are requested by the Spatial & Genomic Connectivity group and agreed upon by the Diversity & Divergence Connectivity group.

# **Data Access**

Data will be sent directly to Spatial & Genomic Connectivity group leads, Alli Cramer and Jennifer Hoey.

Data will be available to the entire Spatial & Genomic Connectivity group for analysis. Data will be exchanged once target species have been identified by the Spatial & Genomic Connectivity group and been agreed upon by the Diversity & Divergence group.

Additional data beyond the initial request must be renegotiated – at no time will Spatial & Genomic Connectivity members request/acquire data from Diversity & Divergence without the knowledge of both group PIs, triggering an addendum to the Description of Data within this agreement.

# **Attribution and Authorship**

Manuscripts describing the results of the Spatial & Genomic Connectivity analysis must

1) Attribute the derived data source as being from the Diversity & Divergence group. This includes citing any published datasets or documents describing data structure.

2) Include Rachel Toczydlowski, as the primary producer of the derived genomic data product from the Diversity & Divergence group, as an author. R. Toczydlowski maintains the right to refuse authorship, but the Spatial & Genomic Connectivity group may not remove her from authorship without her explicit agreement.

# Signatures

**Do spatial and genomic estimates of connectivity agree? Working Group Lead(s)**

Signature

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