

Supporting Information

Hough et al. genetics.XXXXXXXXXX

Supporting Information (SI)

All supporting information can be obtained from <https://github.com/houghjosh/XYdiversity>.

SI Tables

Table S1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations

Population ID	Location	Altitude	Latitude	Longitude
Texas				
TX-MTP	Mount Pleasant, Texas	130	33.17453	94.98799
OK-RAT	Rattan, Oklahoma	138	34.15755	95.41325
TX-LIV	Livingston, Texas	83	30.69947	94.79981
LA-DER	De Ridder, Lousiana	67	30.8941	93.3143
TX-ATH	Athens, Texas	145	32.18471	95.8032
OK-WIL	Willis, Oklahoma	211	33.89663	96.83533
North Carolina				
SC-PRO	Prosperity, South Carolina	126	34.10792	81.43711
GA-BEL	Belfast, Georgia	15	31.84293	81.28405
GA-STA	Statesboro, Georgia	78	32.45237	81.84849
SC-BRA	Branchville, South Carolina	34	33.25082	80.80761
FL-HAM	Hammock, Florida	3	29.06816	82.64664
GA-GLA	Gladys, Georgia	97	31.48198	83.23783

SI Figures

SI Datasets