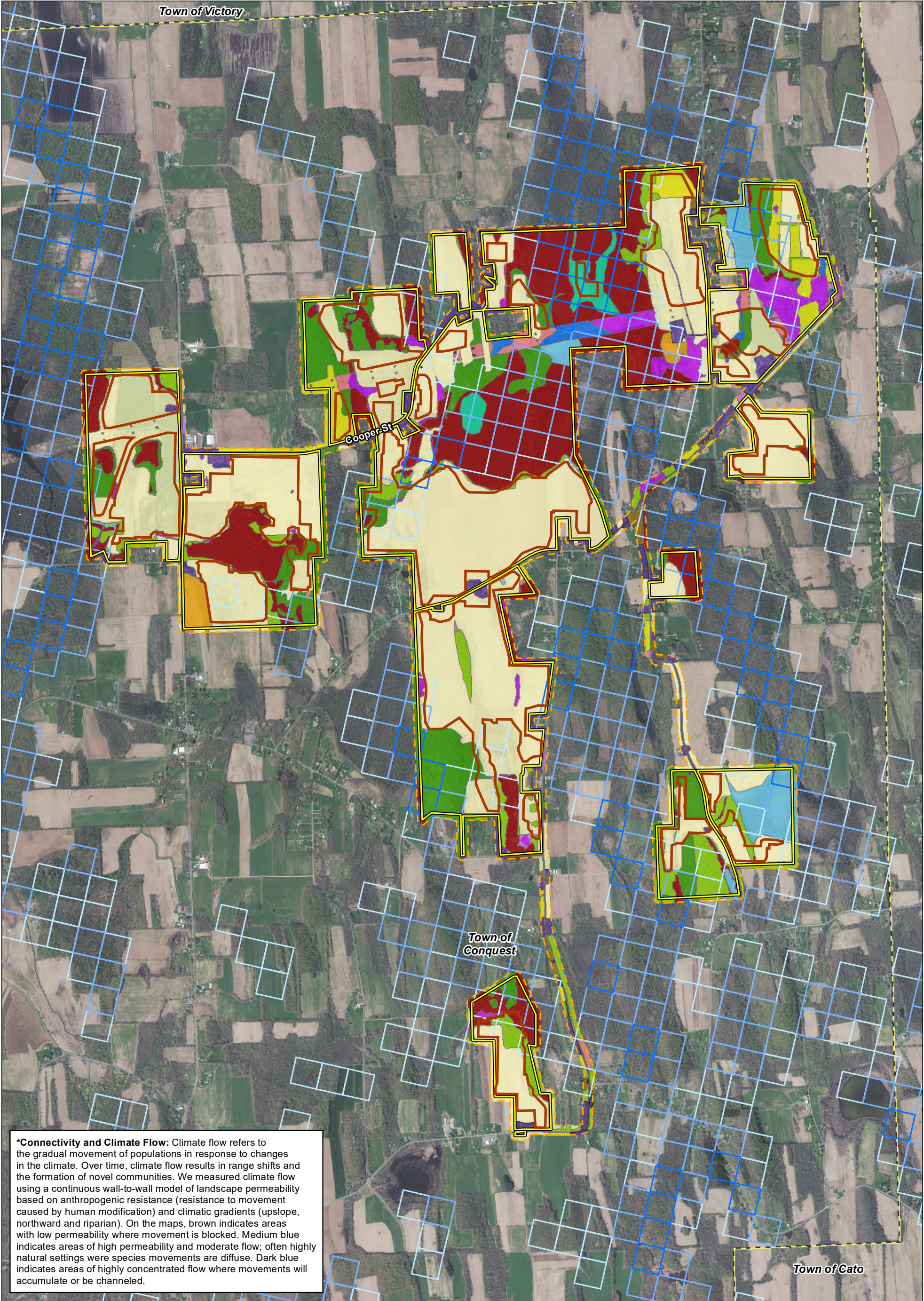


Attachment K



***Connectivity and Climate Flow:** Climate flow refers to the gradual movement of populations in response to changes in the climate. Over time, climate flow results in range shifts and the formation of novel communities. We measured climate flow using a continuous wall-to-wall model of landscape permeability based on anthropogenic resistance (resistance to movement caused by human modification) and climatic gradients (upslope, northward and riparian). On the maps, brown indicates areas with low permeability where movement is blocked. Medium blue indicates areas of high permeability and moderate flow; often highly natural settings where species movements are diffuse. Dark blue indicates areas of highly concentrated flow where movements will accumulate or be channeled.

<ul style="list-style-type: none">Project Area100-Ft Buffer Around Project Area and LODTown Boundary <p>Connectivity and Climate Flow*</p> <ul style="list-style-type: none">High Current FlowAbove Average FlowSlightly Above AverageProposed Facility Limits	<p>Plant Communities (Edinger Classification)</p> <ul style="list-style-type: none">Beech-maple Mesic ForestCropland/Field CropsCropland/Row CropsDeep Emergent MarshFarm Ponds/Artificial PondsHemlock-northern Hardwood Forest	<ul style="list-style-type: none">Mowed LawnPasturelandPaved Road/PathRed-maple Hardwood SwampRural Structure ExteriorShallow Emergent MarshShrub SwampSuccessional Old Field	<ul style="list-style-type: none">Successional ShrublandSuccessional Southern Hardwoods	<p>MAP LOCATION</p>	<p>WILDLIFE MAPPING GARNET ENERGY CENTER, LLC TOWN OF CONQUEST, NY</p>
<p>Data: TRC 2020-2021: Resilient Land Mapping Tool, 2020-12-16, * Connectivity and Climate Flow data from TNC Base Map: NYS Office of Information Technology Services, GIS Program Office, 2018; Esri and its contributors</p>				<p>0 1,000 2,000 Feet</p>	<p>FIGURE 22-6 DECEMBER 2021</p> <p>Map Produced by TRC</p>