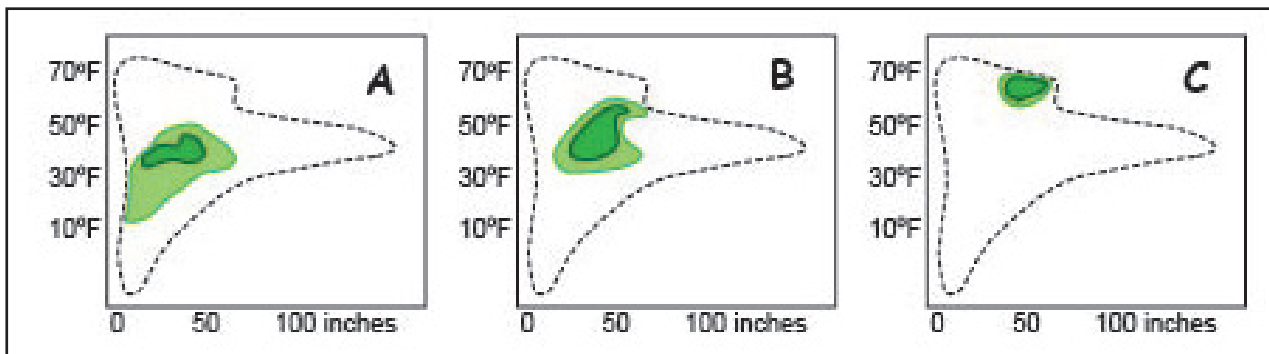


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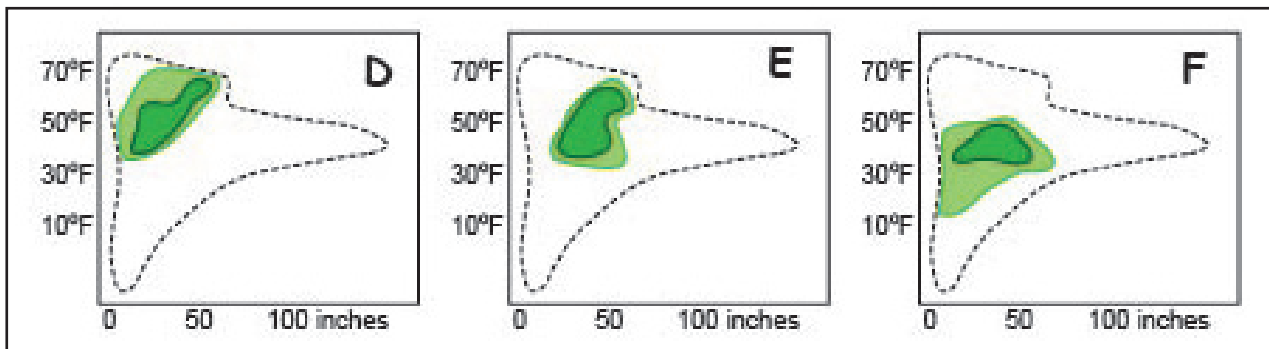
## Matching Tree Species with Ecological Habitat Diagrams

The dotted line on the diagram shows the range of weather conditions in the lower 48 states. The M shows the "location" of Michigan, with an average temperature of 45-50 degrees and an average precipitation of 30-35 inches.



Circle the letter of the habitat diagram that fits each of these needle leaf tree species:

- A B C** 1. Black spruce, a slow-growing, cold-tolerant tree that grows in Michigan's UP.
- A B C** 2. Slash pine, a southern tree with sticky sap used to make ships watertight.
- A B C** 3. White pine, a tall tree that was Michigan's major natural resource in the late 1800's



Circle the letter of the habitat diagram that fits each of these broadleaf tree species:

- D E F** 4. Cottonwood, a tree that can tolerate dry conditions but has soft, weak wood.
- D E F** 5. Paper birch, a cold-tolerant tree with thin bark that Indians used to make canoes.
- D E F** 6. Red oak, a tall tree with strong wood that is valuable for furniture or house trip.
7. Thought question: which of these trees might increase in Michigan if climate change makes the state warmer and drier? Which ones might decrease?