











Oh, Cosmo, I'm a salt compound, known as an amine molecule. HOW do we My job is to absorb **CO**<sub>2</sub> from industry emitted gases. separate CO<sub>2</sub> from all the different I'm useful in the carbon battle! When I'm exposed to gases released from hot temperatures, CO<sub>2</sub> is stripped away from me. industrial processes? One of the world's largest CCS projects is in Sugarland, near Houston, Texas. This CCS project, known as the Petra Nova plant, was built to capture 1.4 million tons of CO<sub>2</sub> per year. After separating and capturing the CO<sub>2</sub>, the CO<sub>2</sub> is compressed, dried, and transported in a pipeline to inject underground for safe and permanent We use carbon 00 storage. separation plants, and amines to separate CO<sub>2</sub> R D from other industrial 60 Put them in gases produced. the liquid scrubber Calling all amines, \_et's strip that AMINES! NN  $CO_2$ ! Scrubber Ę Let's 60 ¢. take a closer look at what happens in Get these carbon THAT capture plants! CO









## Would you like to become a Carbon-not?



Join us as we commit to decreasing greenhouse gases in our atmosphere by decreasing our carbon footprint, and by supporting carbon capture and storage (CCS). Support CCS today!

## To learn more, please visit us at: www.put-it-back.org

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Photo Credit: Jay McGowan

Cosmo and Maya are the Texas State Bird known as **Northern Mockingbirds** 

Mockingbirds are known to mimic a variety of sounds. Their song is a long series of phrases that they often repeat 2 to 6 times before shifting to a new sound.

They are found often in open grounds and with shrubby vegetation (hedges, fruiting bushes & thickets)

Mockingbirds eat mainly insects during the summer, but switch to eating mostly fruit in fall and winter

- **Population**: Stable, not endangered
- Clutch size: 2 to 6 eggs (pale blue or greenish white splotched with red or brown)
- Incubation period: 12 to 13 days
- **Nesting period**: 12 to 13 days
- Broods: 2 to 3

To learn more: https://www.allaboutbirds.org/guide/