

It's **all connected!**

## Biodiversity

Facts about blue tits!

Many animals, like snakes and birds of prey, eat blue tits. Also, blue tits feed on insects like caterpillars and beetles, and they help control insect populations that feed on trees, especially during the breeding season when they need more food.



No more blue tits!

Imagine the blue tit is suddenly removed from the forest. The insect population will explode which might affect the trees and plants in the forest. Snakes and birds of prey will eat other small birds or animals, whose population might decrease. At the same time, small birds and mammals will have more space for nesting, which might change the species in the forest.

Now, it's your turn to create a scenario where a species disappears from a forest ecosystem!



How would this affect the population of other species of animals?

*What impact might this have on plants and trees that these animals eat?*

How would this affect the soil and plant growth?

Οι μαθητές και οι μαθήτριες της **Δ' Τάξης** επισκέφτηκαν το Ινστιτούτο Δασικών Ερευνών όπου είχαν την ευκαιρία να εργαστούν ως δασολόγοι ερευνητές στο πλαίσιο του καινοτόμου προγράμματος **'Modular CLIL'** στη **Μελέτη Περιβάλλοντος** το οποίο υλοποιούν τη φετινή χρονιά, και της συμμετοχής τους στο Δίκτυο **Μαθαίνω για τα Οικοσυστήματα και τα Δάση**. How would this change the balance of the forest ecosystem?



Here are some ideas!

Goodbye to the Bees, The End of Ants, The Case of the Missing Rabbits,

No More Frogs, **The Vanishing Owls**