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# Environmental Pollution and Lichens Worksheet

## Data Table

| Metal Cation | Intensity of Blue-colored Solution |
|---|---|
| Water | |
| Na | |
| K | |
| Cu | |
| Co | |
| Fe | |

## Post-Lab Questions

1. What is a lichen?

2. Which solution indicated the least amount of methylene blue exchange?

3. Which solution indicated the greatest amount of methlyene blue exchange?

4. Given the results, which metal cation would have the greatest effect on lichens?

5. What possible things could be done to stop lichen deterioration in your area?

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