The following resonance-stabilized cation is called the nitrosyl cation.

\[
\begin{align*}
\begin{array}{c}
\vdots \quad \text{N} = \text{O} \\
\vdots \quad \text{N} = \text{O}^+ \\
\end{array}
\end{align*}
\]

see also nitroso group

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)