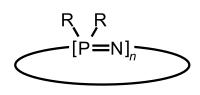
phosphazenes

Compounds containing a phosphorus-nitrogen double bond, i.e. derivatives of $H_3P=NH$ and HP=NH. A multiplicity of such bonds is present in various well-established chain, ring and cage compounds. E.g.



 $\begin{bmatrix} OEt \\ I \\ P=N \\ I \\ OEt \end{bmatrix}_{n}$

poly(diethoxyphosphazene)

Source:

PAC, 1995, 67, 1307 (Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)) on page 1357