

$$
\begin{aligned}
& L=\eta^{3}-\mathrm{C}_{4} \mathrm{H}_{7}: \mathrm{M}^{\prime}=\mathrm{Ni}, \mathrm{M}=\mathrm{Cr}(\mathbf{1}), \mathrm{Mo}(\mathbf{2}), \mathrm{W}(\mathbf{3}) \\
& \mathrm{L}=\eta^{3}-\mathrm{C}_{6} \mathrm{H}_{9}: \mathrm{M}^{\prime}=\mathrm{Ni}, \mathrm{M}=\operatorname{Cr}(\mathbf{4}), \mathrm{Mo}(\mathbf{5}), \mathrm{W}(\mathbf{6}) \\
& \mathrm{L}=\eta^{3}-\mathrm{C}_{3} \mathrm{H}_{5}: \mathrm{M}^{\prime}=\operatorname{Pd}, \mathrm{M}=\operatorname{Cr}(\mathbf{7}), \mathrm{Mo}(\mathbf{8}), \mathrm{W}(\mathbf{9})
\end{aligned}
$$

## Group VI - Group X Heterobimetallics



