5,5-Dimethylcyclohexane-1,3-dione (dimedone) and cyclohexane-1,3-dione react with Cl$_2$Si(CMe$_3$)$_2$ in the presence of triethylamine to give the bis(1-cyclohexene-3-on-1-oxy)dibutylsilanes 2 and 3. Using dimedone and Cl$_2$SiMe$_2$, the analogous dimethylsilane 1 is obtained. A 1,4-Michael-Addition occurs using cyclohexane-1,3-dione in the reaction with Cl$_2$SiMe$_2$ to give a spirocyclic diketone (4). The reaction of cyclohexane-1,3-dione with lithium-diisopropylamide and F$_3$SiCMe$_3$ leads to the formation of a salt [iPr$_2$NH$_2$]$_2$HF[C$_6$H$_7$O$_2$]$_2$. 5. The crystal structures of 2–5 were determined.

**Key words:** Silylenole, Cyclohexane-1,3-dione, Spirocyclic Diketone