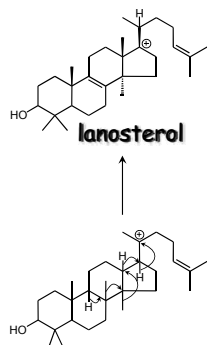
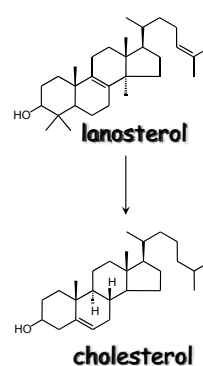


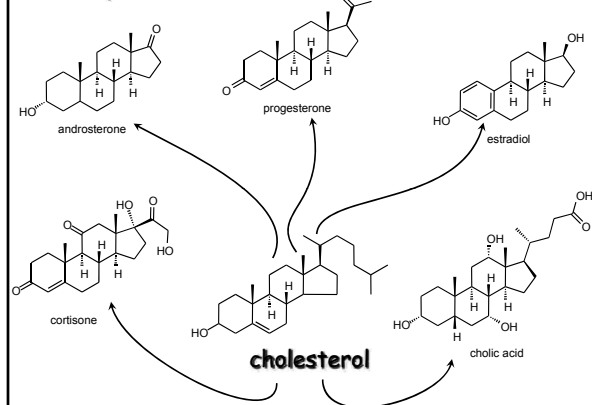
The biosynthesis of cholesterol.



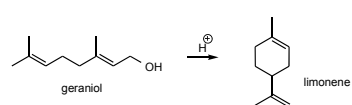
The biosynthesis of cholesterol.



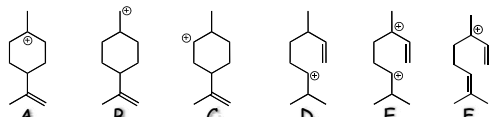
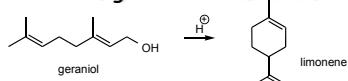
The biosynthesis of sterols.



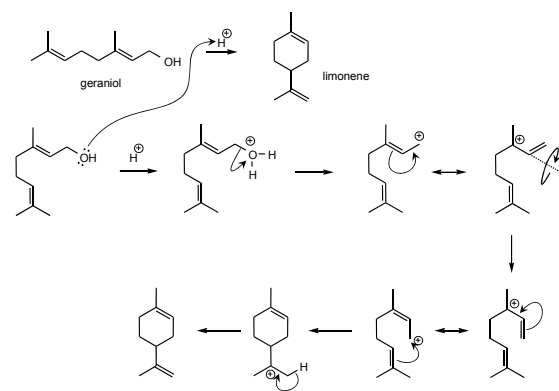
Propose a mechanism for the following transformation.

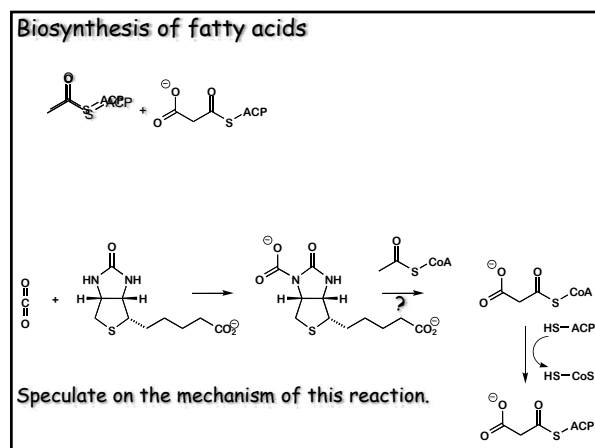
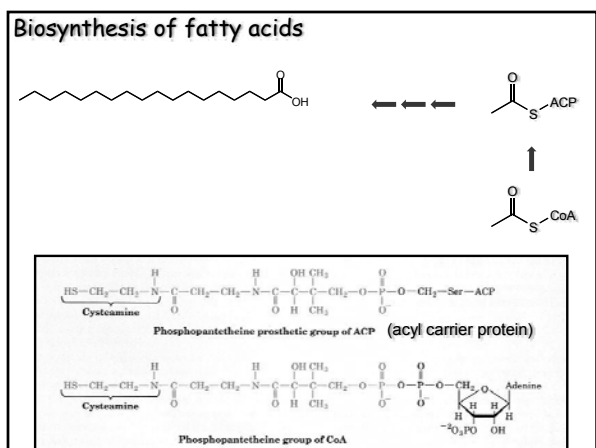
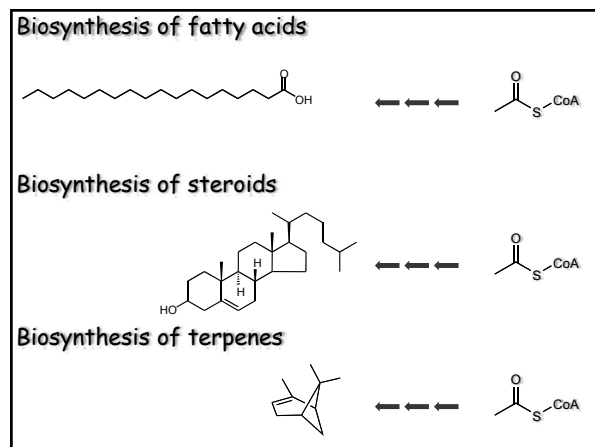
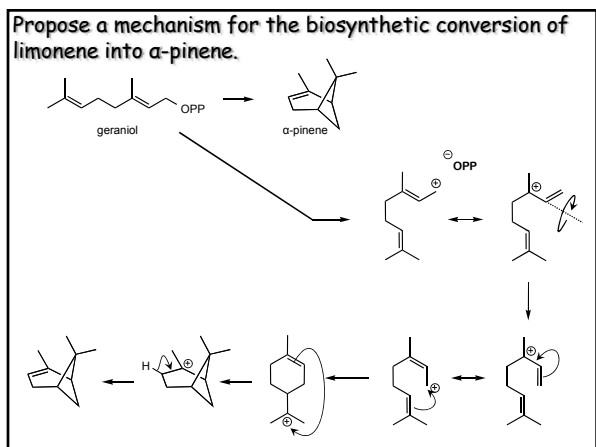
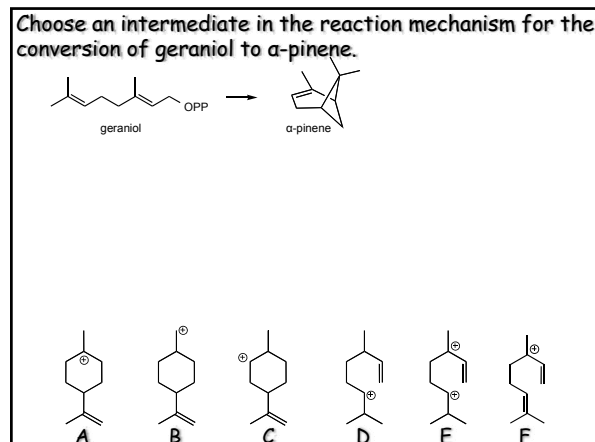
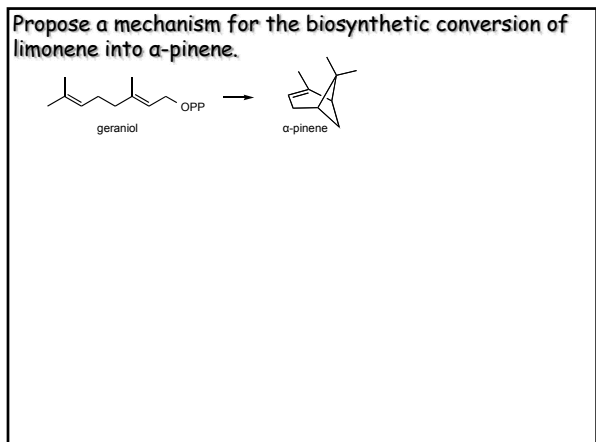


Choose an intermediate in the mechanism for the conversion of geraniol to limonene.

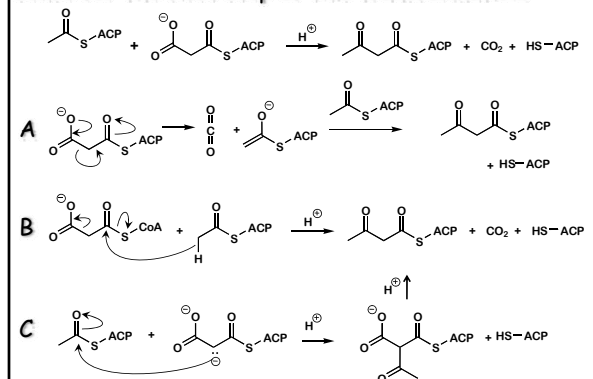


Propose a mechanism for the following transformation.

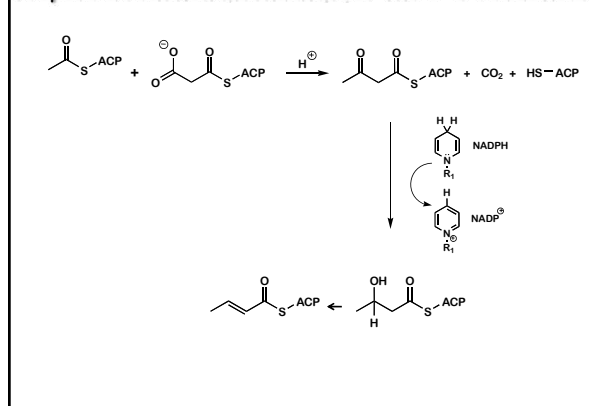




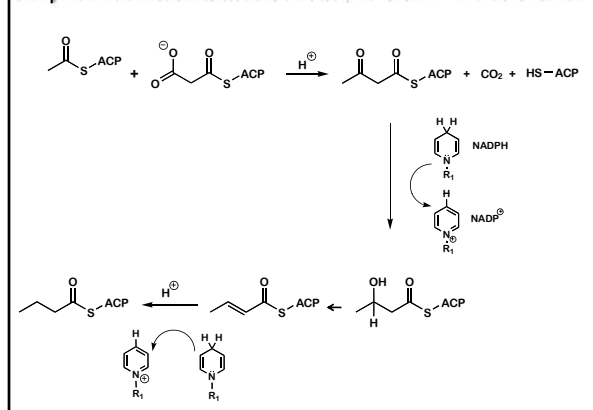
Choose the reaction mechanism that makes the *least* sense for the first step of this transformation.



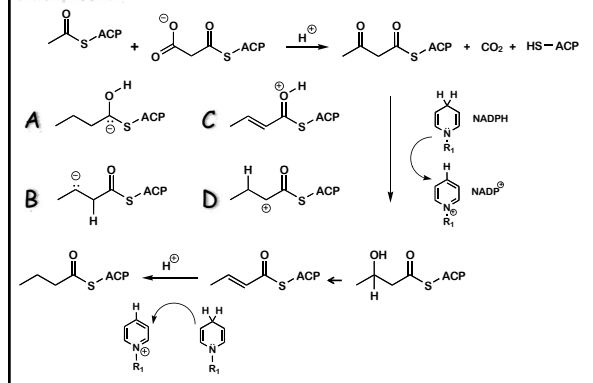
Propose a reaction mechanism for the C=O reduction.



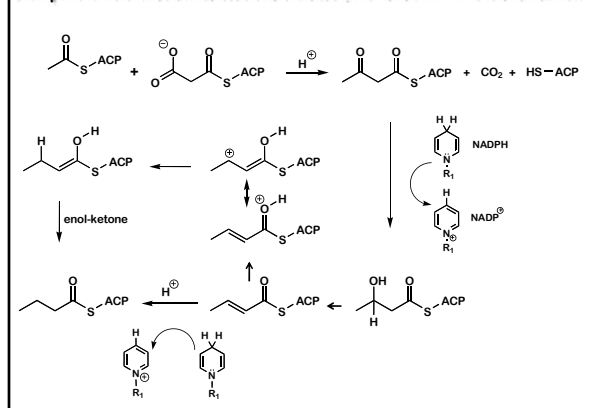
Propose a reaction mechanism for the C=C reduction.



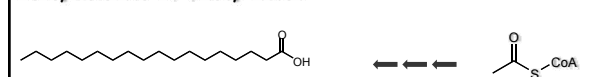
Choose an intermediate in the mechanism for the C=C reduction.



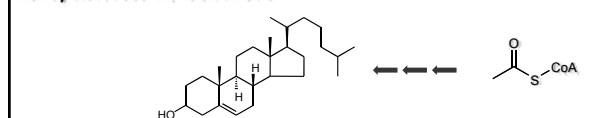
Propose a reaction mechanism for the C=C reduction.



Biosynthesis of fatty acids



Biosynthesis of steroids



Biosynthesis of terpenes



**The END
of Lipids and
Lipid Biosynthesis
for Exam 3!**

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