

CALIFORNIA STATE SCIENCE FAIR 2014 PROJECT SUMMARY

Name(s)	Project Number
Aleah J. DenBoer	
	34647
Project Title	
Glow-in-the-Dark Silk Production through the Diet Manipulation of	
Bombyx mori	
Objectives/Goals Abstract	\sum^{*}
My goal is to produce glow-in-the-dark silk by manipulating the diet of Bomby Methods/Materials	xmon
Four separate batches or eggs were ordered. The first two never halches due to	the temperature. The
third and fourth batches of eggs hatched successfully in a specially designed in how 35 watt hulb heat lamp glass and thermometer that blocked light and main how 35 watt hulb heat lamp glass and thermometer that blocked light and main heat lamp glass and thermometer thermometer that blocked light and main heat lamp glass and thermometer thermometer thermometer thermometer the heat lamp glass and thermometer thermometer thermometer the heat lamp glass and thermometer thermometer the	subator using a cardboard
third and fourth batches of eggs hatched successfully in a specially designed in box, 35 watt bulb, heat lamp, glass, and thermometer that blocked light and ma 75-80 degrees Fahrenheit. The Bombyx mori were fed silkworm muberly cho	v. Experimental
glow-in-the-dark food was fed to experimental Bombyx mor and observed. It numerous times and is still ongoing.	e experiment was repeated
Results	
Glow-in-the-dark silk can be produced through feeding Bombyx moning in origin glow-in-the-dark food.	nal recipe of
Conclusions/Discussion	
The glow-in-the-dark powder gradually harms Bombyx mori, but till produces have ongoing research varying the recipe and feeting schedule to have healthie	glow-in-the-dark silk. I r Bombyx mori that will
produce more glow-in-the-dark silk.	Domoy A more that with
Summary Statement	
Glow-in-the-dark silk can be produced through feeding Bombyx mori glow-in-t	the-dark food.
Help Received My father cut the cardboard for the incubator and typed out the report I wrote	
The first fame of the cardooard for the incubator and typed out the report I wildle	