

Entomology Project

Member Name _____

Level (circle one): Junior (8-10) Intermediate (11-13) Senior (14-18) Years in Project _____

Date of Birth _____ Age (as of January 1) _____ * Year _____

4-H Club _____

Revised: 01/30/2017

* Please use a new check list each year.

✓	State and Owyhee County Requirements	Notes	Date Completed	Leader Initials
		Enroll at Idaho.4honline.com and pay enrollment fee to your leader before March 1; read and sign Code of Conduct.	___/___/___	
	Give an oral presentation related to this project.	This can be done on the club or county level. Check with your leader – this may be required by your club to be on the county level.	___/___/___	
	Attend an acceptable safety and ethical practices activity	All youth are REQUIRED to complete an Ethics activity each year .	___/___/___	
	Participate in your club's Community Service Activity/Project in Owyhee County		___/___/___	
	Complete a 4-H Involvement Report (just one combined report for ALL projects) and include with your Project Record Book	You may start a new report or add to your report from previous years.	___/___/___	
	Complete 4-H Project Record Book	Available online or at the Extension Office	___/___/___	
	Complete this Project Check Sheet and include it in your Record Book	Must be signed by Member, Parent, and Leader	___/___/___	
	Sign up for a time and bring your completed Record Book to Record Book Interview Evaluation Day.	Must be signed by Member, Parent, and Leader	___/___/___	
		Must exhibit. You may do so at the Owyhee County Fair or another location (please check in advance with the Extension Office).	___/___/___	
	Submit your entries for the Owyhee County Fair (entries open June 15 and close July 15)	This is REQUIRED to participate at the Owyhee County Fair.	___/___/___	
	Complete five activities for your project:			
	LEVEL 1			
	Buy or build a net for catching insects.		___/___/___	
	Learn the 8 body parts of an insect.		___/___/___	
	Learn the different ways insects can move.		___/___/___	
	Take pictures of at least 4 insects you find in your yard.		___/___/___	
	Learn 4 common insect relatives.		___/___/___	
	Learn at least 9 animals that eat insects.		___/___/___	
	Learn at least 5 terms from the glossary that have to do with entomology.		___/___/___	
	Learn how to quickly kill an insect so you can add it to your collection.		___/___/___	
	Create your own insect and draw a picture of it.		___/___/___	
	Learn what repels insects.		___/___/___	
	Learn what different insects eat and what attracts them.		___/___/___	
	Learn the 4 mouth types that an insect can have.		___/___/___	
	Build a "Pitfall Trap" and log what insects you collect.		___/___/___	
	Observe at least 3 insects in different habitats. Share your findings with a leader, helper or club.		___/___/___	
	Build a Compound Eye model.		___/___/___	

	Additional activities...		___/___/___	
			___/___/___	
			___/___/___	
			___/___/___	
LEVEL 2				
	Make a Collecting Jar. (page 5)		___/___/___	
	Make a Relaxing Jar (page 5)		___/___/___	
	Learn the proper process for pinning bugs.		___/___/___	
	List the tools needed for pinning		___/___/___	
	Tell a helper another way to kill an insect besides using a "killing Jar".		___/___/___	
	Show another member or sibling how to make a net to catch insects.		___/___/___	
	Keep a photo album of insects you've collected.		___/___/___	
	Name some diseases passed by insects share your findings with a leader, helper or club.		___/___/___	
	Explain the differences between moths and butterflies. Share with a leader, helper or club.		___/___/___	
	Make a list of plants that moths and/or butterflies are attracted to.		___/___/___	
	Practicing killing, relaxing and drying insects.		___/___/___	
	Build an indoor insect trap (page 9) and log collection data.		___/___/___	
	Build a "modified Wilkinson Trap" (page 10) and log collection data.		___/___/___	
	Complete the "Light Attractor" activity (page 15)		___/___/___	
	Complete the "Sowbug Investigation" activity (page 22-24)		___/___/___	
	Complete the "Life Stages" activity (page 26-27)		___/___/___	
	Learn about Exoskeletons and share your findings with a leader, helper or club.		___/___/___	
	Additional activities...		___/___/___	
			___/___/___	
			___/___/___	
			___/___/___	
LEVEL 3				
	Explain what it means to be an Entomologist.		___/___/___	
	Learn at least 3 careers where entomology knowledge would be helpful.		___/___/___	
	Ask an Entomologist if you can spend a workday with them to learn what they do. Take notes and a camera.		___/___/___	
	Interview an Entomologist.		___/___/___	
	Learn the seasons that different insects are most active.		___/___/___	
	Complete "State Your Insect" activity (page 4) and share your findings with a leader, helper or club.		___/___/___	
	Complete "Transecting for Insects" activity (page 8-9)		___/___/___	
	Learn 8 "FACTS!" out of Level 3 Entomology book		___/___/___	
	Complete "Measuring Insect Diversity" activity (page 14-15)		___/___/___	
	Complete the "Aliens Among Us" activity (page 17)		___/___/___	
	Learn 5 new Entomology terms		___/___/___	

	Develop an informational lesson plan to teach younger members about insects. Include a hands on activity.		___/___/___	
	Complete "What Will the Neighbors Think?" activity (page 20)		___/___/___	
	Complete the "Grillin' with Insects" activity (page 24-25)		___/___/___	
	Complete "What's That Doing in My Food" activity (page 28-29)		___/___/___	
	Additional activities...		___/___/___	
			___/___/___	
			___/___/___	
			___/___/___	

I declare that the information in this book is correct and all 4-H requirements have been completed, to the best of my knowledge.

Member's Signature _____

Leader's Signature _____

Parent's Signature _____

Note: Each level of Entomology will take three years to complete.