

# GRADUATE STUDENT INTERNSHIP / CO-OP PROJECT FORM

<b>PROJECT</b>	<b>TITLE:</b>	Species at risk in the Salish Sea: a survey		
	<b>LOCATION:</b>	Vancouver (flexible)		
	<b>TERM:</b>	6 weeks	<b>FROM:</b>	<b>TO:</b>
<b>PROJECT SPONSOR</b>	<b>NAME:</b>	Christianne Wilhelmson	<b>TITLE:</b>	Executive Director
	<b>ORGANIZATION:</b>	Georgia Strait Alliance	<b>BRANCH / SECTION:</b>	
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<b>TOPIC OR RESEARCH QUESTION:</b> (Briefly describe the research question being addressed through this project)	A survey of species at risk in the Strait of Georgia/Salish Sea is needed to better understand the legal and ecological status of at risk species in the region. The scope of the work is to collate information about already identified at risk species in the Georgia Strait, as identified primarily under the Federal Species at Risk Act (SARA), and gather key information including critical habitat area, SARA status, status of recovery strategies, and action plans, information about anthropogenic threats to the species, including ongoing and proposed activities, and any updated information about the state of the at risk species population. Key biological vulnerabilities and threats also important.			
<b>KEYWORDS:</b> (List key words to describe the field of study and project)	Species at risk, Species at Risk Act, federal policy, COSEWIC status, recovery strategies, action plans, marine species, marine mammals, marine invertebrates, marine plants			
<b>PROJECT DESCRIPTION &amp; RELEVANCE:</b>  (Provide an overview of the context for the internship and why it is important. Describe the project, its tangible, intended outcomes and the role of the student.)	<p><b>Overview:</b> To our knowledge, there is currently no comprehensive or up to date documentation which highlights the status of identified at risk species in the Strait of Georgia. As an education and advocacy organization that works to protect the habitat of at risks species in this region, this is critical information necessary to ensure we are advocates for those species that require action to survive. Understanding which species are in peril and need us to be advocates, and how urgently this help is needed, will help us be more effective in protecting the habitat of those species whose are suffering due the impacts of climate change and habitat destruction from human activities.</p> <p>The student will be responsible for leading the research project and producing the final product. They will have access to Georgia Strait Alliance historical and current documentation and will be supported by the Executive Director, who has extensive campaign and policy experience in the are of species at risk.</p> <p>The application should have knowledge of marine species and habitat (ideally in the Salish Sea region), be a strong writer and researcher, and be able to create clear and organized information for long-term use by the organization. They must be self-motivated and comfortable working independently. Assets would be knowledge of conservation protection policies such as the Species at Risk Act.</p> <p>In addition to gaining experience in the areas of species research and policy, the successful application will gain understanding of the program work of a non-profit organization as well as advocacy campaign development.</p> <p>This can be a full time position for 6 weeks or part-time for a longer period of time.</p> <p>The student can work from home or from the Vancouver or Nanaimo offices.</p>			
<b>Funding Requested from BRITE</b>	<p><b>Project Details:</b> Create a summary report, including spreadsheet and source material, which answers the following questions</p> <ol style="list-style-type: none"> <li>1. Based on the latest information from the Seadoc Society and other recent peer reviewed publications, collate what marine and freshwater species are deemed at risk in the Strait of Georgia, under the federal Species at Risk Act, as well as those listed in peril under provincial and international designations</li> <li>2. Identify the SARA status of each at risk species and where they are in the recovery strategy/action plan process, including legally required dates for actions</li> <li>3. Identify any marine or freshwater species that are currently being considered for SARA designation under COSEWIC</li> <li>4. Identify any marine or freshwater species who were reviewed by COSEWIC in the last 10 years, and who were refused designation (noting the reasons why)</li> <li>5. Note the primary threats to each of the species at risk listed in the summary document</li> <li>6. List any current sources of threat or causes of decline, known or suspected, (e.g. high vessel traffic through species key feeding habitat) and any new proposals that could impact the species or their habitat, directly or indirectly.</li> </ol> <p style="text-align: center;"><b>AMOUNT: \$6000</b></p>			

AVAILABLE FUNDING (to match BRITE funding):		<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		IF YES, THEN LIST AMOUNT:		
<b>PROJECT TYPE (Check the relevant type(s) of work to be undertaken for this internship / co-op project)</b>						
<input type="checkbox"/>	FIELD WORK	<input type="checkbox"/>	GIS ANALYSIS (potentially if the student has the skills and interest)			
<input type="checkbox"/>	RESEARCH PROPOSAL DEVELOPMENT	<input checked="" type="checkbox"/>	POLICY ANALYSIS			
<input checked="" type="checkbox"/>	LITERATURE REVIEW	<input type="checkbox"/>	SURVEY DESIGN			
<input type="checkbox"/>	SHORT STUDY / ASSESSMENT	<input type="checkbox"/>	MODEL DEVELOPMENT (research prioritization framework)			
<input type="checkbox"/>	DATA COLLECTION	<input type="checkbox"/>	OTHER please describe:			
<input type="checkbox"/>	DATA / STATISTICAL ANALYSIS					
<b>EXPECTED DELIVERABLES:</b>  (Summarize the intended project deliverables, e.g., research report, data analyzed, and presented in a spreadsheet format, etc.)		<b>Summary report and in detail spreadsheet with information as explained above.</b>				