



The Green Lab is committed to a minimal footprint and as such, we are seeking gently used but functional equipment or supplies from our allies. Please keep our wishlist in mind while evaluating your lab for items to contribute. Note: For all consumables, we accept partial cases/packages. NL = No limit

Print this form to help in searching through the lab for materials to donate. Include a copy of the form in the package when you send it to us. Please go online to <https://fieldprojects.org/initiatives/greenlab/> to fill out a form online letting us know your package is on its way. You will also find all shipping details there. We appreciate your assistance with shipping but understand if you need us to accept those charges - please let us know online and we can reimburse shipping.

Thank you for your generosity. You are helping empower a new generation of conservationists with technology previously hidden to them. The impact of your donation will be felt a continent away!

!!! = We don't have even one ; !! = We need a backup; ! = Would improve lab efficiency

	Generic Name	Specific Vendor	Number Required	Notes	Checklist
<b>LARGER ITEMS</b>					
!!!	PCR machines	Mini PCR, Open PCR, MiniOne or any vendor	2	We are looking for both small-scale and high-throughput (96 well) machines that are functional. Machine age no bar. RT-PCR, gradients, Q-PCR a plus	<input type="checkbox"/>
!!!	Thermomixer/heating block	Any	1	Mixing facility appreciated but not crucial	<input type="checkbox"/>
!!	Dry bath	Any	1	Beads especially needed.	<input type="checkbox"/>
!!!	Laptop	Any	2	Macs (any model) that have a functional battery and wifi chip.	<input type="checkbox"/>
!!!	Tablets	Any	2	Either iPad or other tablet	<input type="checkbox"/>
!!!	Fluorometer		1	Quantifluor or Qubit	<input type="checkbox"/>

	Generic Name	Specific Vendor	Number Required	Notes	Checklist
!!!	Nanodrop		1	Printer unnecessary	<input type="checkbox"/>
!!!	Stereoscopic microscope		1		<input type="checkbox"/>
!!!	Compound microscope		1		<input type="checkbox"/>
!!	Medium centrifuge		1	24 tube 1.5 mL rotor is ideal.	<input type="checkbox"/>
!!!	Microplate reader for ELISAs		1		<input type="checkbox"/>
!!!	Benchtop water purification system		1	Type 1 or Type 2 water	<input type="checkbox"/>

### MID-SIZE ITEMS

!!!	Pipettes		2/size	Must be calibrated within the last two years, all sizes accepted	<input type="checkbox"/>
!!!	Multichannel pipettes		2/size	Must be calibrated within the last two years, all sizes accepted	<input type="checkbox"/>
!!!	Electrophoresis power source		1		<input type="checkbox"/>
!!!	Small size gel rigs		3	Must come with the power source. Gel caster a plus. Combs welcome!	<input type="checkbox"/>
!!	Vortexer		1	Small appliance preferred	<input type="checkbox"/>
!!!	Micro/Mini centrifuge		1	Strip tube or 1.5/2.0 mL tube attachments welcome	<input type="checkbox"/>
!!!	pH meter		1		<input type="checkbox"/>
!!	Weigh scale		1		<input type="checkbox"/>
!!!	Magnetic plate (96 well or strips)		1	To facilitate PCR cleanups	<input type="checkbox"/>

### CONSUMABLES

!!!	Pipette tips (Sterile and nonsterile)		NL	All sizes, including gel-loading tips	<input type="checkbox"/>
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	Generic Name	Specific Vendor	Number Required	Notes	Checklist
!!!	Pipette tips (Filtered)		NL	All sizes	<input type="checkbox"/>
!!!	Qubit or Quantifluor assays		NL		<input type="checkbox"/>
!!!	Tissue DNA extraction kit	Qiagen, Marchery-Nagel	NL		<input type="checkbox"/>
!!!	Fecal DNA extraction kit	Qiagen, Marchery-Nagel	NL		<input type="checkbox"/>
!!!	Soil DNA extraction kit	MoBio	NL		<input type="checkbox"/>
!!!	PCR purification kit	Any vendor	NL		<input type="checkbox"/>
!!!	Gel purification kit	Any vendor	NL		<input type="checkbox"/>
!!	Parafilm		NL		<input type="checkbox"/>
!!!	Gloves		NL	All sizes, nitrile or latex	<input type="checkbox"/>
!!!	Kimwipes		NL		<input type="checkbox"/>
!!!	1.5 mL or 2.0 mL tubes		NL		<input type="checkbox"/>
!!!	5.0 mL tubes		NL		<input type="checkbox"/>
!!!	0.2 mL PCR tubes/strips/caps		NL		<input type="checkbox"/>
!!!	PCR plates		NL	skirted and nonskirted	<input type="checkbox"/>
!!!	PCR plate seals		NL	plastic or foil seals	<input type="checkbox"/>
<b>ACCESSORIES</b>					
!!!	Benchtop sample cooler		5		<input type="checkbox"/>
!!!	Ice buckets		2	All sizes	<input type="checkbox"/>
!!!	PCR hood		1	PCR workstation	<input type="checkbox"/>
!!!	Spill kit		1		<input type="checkbox"/>
!!!	First-aid kit		1		<input type="checkbox"/>

	Generic Name	Specific Vendor	Number Required	Notes	Checklist
!!	DNA free bench cleaner	Any vendor	NL		<input type="checkbox"/>
!!	Pipette boxes		NL		<input type="checkbox"/>
!!!	Boxes to autoclave and store microcentrifuge tubes		NL		<input type="checkbox"/>
!!!	Silica gel		NL		<input type="checkbox"/>
!!!	Spray bottles		3		<input type="checkbox"/>
!!!	Drying rack		2	Benchttop stacking or wall drying rack (one of each ideal)	<input type="checkbox"/>
!!!	Graduated cylinders		4	One of each size: 50, 100, 250, 500 mL	<input type="checkbox"/>
!!!	Glassware		4	1 Litre size	<input type="checkbox"/>
!!!	Pipette racks		2		<input type="checkbox"/>
!!!	FTA hole punch/pads		2		<input type="checkbox"/>
!!!	Sample boxes		NL	Plastic freezer boxes preferred given the humidity	<input type="checkbox"/>

## REAGENTS

!!!	Agarose		NL		<input type="checkbox"/>
!!!	dNTPs	Any vendor	NL		<input type="checkbox"/>
!!!	Magnesium (for PCR optimisation)		NL		<input type="checkbox"/>
!!!	BSA (PCR optimisation)		NL		<input type="checkbox"/>
!!	TBE Buffer (10x)		NL		<input type="checkbox"/>
!!!	TE Buffer (10X)		NL		<input type="checkbox"/>
!!!	Gel-green/Gel-red		NL	Or any non-EtBr DNA dye	<input type="checkbox"/>
!!!	Loading dye		NL		<input type="checkbox"/>
!!!	Taq		NL	Hot-start or regular varieties	<input type="checkbox"/>

	Generic Name	Specific Vendor	Number Required	Notes	Checklist
!!!	RNase/DNase free ultrapure water		NL		<input type="checkbox"/>
!!!	PCR mix	Any vendor	NL	Multiplex or basic mixes	<input type="checkbox"/>
!!!	PCR beads		NL		<input type="checkbox"/>