









# Museum and Natural History Collection Biospecimen Process Chains



						
Sample Type	Collection	Transit Stabilization	Processing	Storage	Recovery	Dispatch
a. Fresh field i. Land snail ii. Beetle iii. Plant b. Museum iv. Pinned butterfly v. Formalin - preserved fish vi. Dried plant, fungi, algae	a. Fresh field i. wet rock or plant ii. leaf litter or malaise trap iii. hand collecting b. Museum iv. dry store v. spirit collection vi. herbarium	Fresh field / museum (a-b; i-vi) - 80°C on dry ice or - 150°C in dry shipper (LN)	Fresh field / museum (a-b; i-vi) preparative treatments QA / QC documentation	Fresh field / museum (a-b; i-vi) -196°C LN - vapour cryobank FTA slides	Fresh field / museum (a-b; i-vi) fast thaw in class II hood; aliquots to 2 D barcoded storage tube	Fresh field / museum (a-b; i-vi) - 80°C on dry ice or - 150°C in dry shipper cryogenic (LN)