Cuttings Experimental Trials Data Collection Form

BOTANIC GARDENS CONSERVATION INTERNATIONAL

GENERAL INFORMATION					CUTTING PROPAGATION TRIALS													
Taxon name	**Collection Number/ Accession Number**	**Name/s of propagator/s**	**Trial number**	**ID number**	**Date of propagation**	**Number of cuttings**	**Vegetative material used for rooting**	**Cutting size**	**Cutting preparation**	**Rooting hormone**	**Rooting media**	**Cutting spacing**	**Container**	**Rooting facilities**	**Environmental conditions**	**Watering technique**	**Duration until rooting**	**Propagation success (%)**
Scientific name of the species you are propagating	*The unique identifier for the batch of cuttings obtained from the same source at the same time. IMPORTANT: Do not mix materials with different collection/accession number*	*Name(s) of the person or people that carried out the propagation*	*Each trial number is a different experiment. IMPORTANT: Include a 'control trial' when possible.*	*Create a unique ID number: Unique to the species, accession number and trial number. IMPORTANT: Remember to label your experimental trials with the corresponding ID number*	*Date when the propagation is carried out*	*Number of cutting rooting attempts using the same technique. IMPORTANT: all trials must have same number of cuttings*	*Describe the type of cutting material (e.g. softwood, semi-hard wood, hardwood, root, leaf...)*	*Specify the size of cutting (length, diameter)*	*Describe the processing (e.g. sterilise...) and preparation of the cutting (e.g. reducing leaf surface, removal lower leaves...)*	*If used, type of rooting hormone (liquid, powder or gel), which active ingredients (IAA, NAA & IBA) and concentration*	*Media composition: include percentages/ratio of the different components*	*The spacing between cuttings when rooted in the same container*	*Describe size and material*	*Describe the facilities where the rooting of cuttings took place (e.g. close case, misting unit, outdoor shaded area, heated bench, covered/bagged container...)*	*Describe the environmental conditions where rooting took place (temperature, humidity, light levels)*	*Describe watering tool, technique and frequency during rooting*	*Average number of days/months/years until cuttings rooted*	*Formula: Count final total number of cuttings rooted x 100 / number of cuttings prepared for rooting*

ROOTING MONITORING				
ID number	**Taxon name**	**Date**	**Number of succeses**	**Health observations**
Unique ID number: Unique to the species, accession number and trial number	*Name of the species you are monitoring*	*Date when the monitoring is done*	*Count the number of rooted cuttings since the last Date. IMPORTANT: The number is non-cumulative (count only the new rooted cuttings since your last monitoring date)*	*For each trial and along the whole propagation process, record signs of pest, disease, nutrient deficiency, damage... If you are not able to name the problem, make a clear description and help it with photos*

FIRST POTTING									Duration until established plants	Plants established (%)
ID number	Date of potting	Number of rooted cuttings potted	Growing media	Container	Fertiliser	Plant growing facilities	Environmental conditions	Watering technique		
Unique ID number: Unique to the species, accession number and trial number. IMPORTANT: Remember to label your experimental trials with the corresponding ID number	*Date when the first potting is done*	*Number of rooted cuttings potted under the same conditions. IMPORTANT: Do not mix cuttings from different trials when potting.*	*Media composition: include percentages/ratio of the different components*	*Describe size and material*	*If used, include: type (organic or inorganic); nutrient composition and its ratio; and application (added to soil, dissolved on water, foliar application)*	*Describe the facilities where the plant growing took place (e.g. glasshouse, outdoors, shaded area...)*	*Describe the environmental conditions where the plant growing took place (temperature, humidity, light levels)*	*Describe watering tool, technique and frequency while growing the plants*	*Average number of days/month/years for which the plant growth was monitored until the establishment of plants*	*Formula: Count final total number of plants established x 100 / number plants potted*

PLANT GROWING MONITORING				
ID number	**Taxon name**	**Date**	**Number of successes**	**Health observations**
Unique ID number: Unique to the species, accession number and trial number	*Name of the species you are monitoring*	*Date when the monitoring is done*	*Count the number of established plants since last Date*	*For each trial and along the whole propagation process, record signs of pest, disease, nutrient deficiency, damage... If you are not able to name the problem, make a clear description and help it with photos*