International Plant Sentinel Network



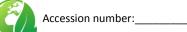
Plant Health Checker - Step 1

Name of Botanic Garden / Arboretum:				bleaching) or any recent
Country:				
Address:				Description of enviror and individuals in clos
Name of IPSN contact:				
Survey details				
Survey carried out by:				
Date of survey:				R 🗸 O
Best description of seaso	า:			R U
Main reason for surveying this	parti	<u>cular individual:</u>		
Plant details Species (Cultivar): Accession number: GPS Country/region species is native to:				3.) New g
Age/amount of time plan	t ha	s been		4.) Needles / Leaves
present in gardens:				R ✓ O ✓ G ✓
General Comments:				5.) Trunk & bra
General description (olea	se tick)		-
Generally healthy	~	Some damage	~	$ \mathbf{R} \checkmark \mathbf{O} \checkmark \mathbf{G} \checkmark$
Dying	~	Dead	~	
Any recent changes in health o	r ove	rall look:		6.) Base and Ro

For each section of the plant give it a rating dependent on how **General description of environment** healthy it appears: Any management issues (e.g. irrigation, soil pH, sun Red (R) = In very poor health and of imminent concern due to ent use of pesticides/ fungicides/ significant damage potentially resulting in death of individual Orange (O) = Not currently a concern but could develop; should be checked frequently to monitor progress Green (G) = As would be expected on a 'healthy plant' nment (focusing on recent changes Black (X) = Absent/not applicable se proximity): Where an **orange or red** rating is given, ensure you give a description of why you've given it this rating in notes. Notes: 1.) Crown G Х 2.) Cones G Х growth Х Х nches Х ots (if exposed) G Х

What do you think is wrong with this (give an indication of how sure you are of this			Reference/file name of any photographs taken:	
1.) Is a re-survey required?	what timeframe gested date)	3.) Should this be escalated to an appropriate staff member to carry out <u>STEP 2</u> ?	n escalated to (if applicable):	5.) Date:

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<u> Plant Health Checker – Step 2</u>

Please read: This section should be completed if escalation is specified by STEP 1. It should be carried out by an appropriately trained staff member who has the relevant knowledge concerning the plant's history and/or pest and pathogen identification skills.

<u>**Tick</u>** all signs/symptoms that are at abnormal levels or are unexpected for the individual, and are thus cause for concern (e.g. are out of the ordinary/new to the plant). Give a description and an indication of severity/abundance in the **notes**, plus note anything else of importance or interest.</u>

Thin /	sparse	\checkmark	No	otes:	
	/ needles	\checkmark			
Dead		\checkmark			
	n patches of ne	edl	es/l	eaves	
	1-2cm (½-1in		\checkmark	Single patch	\checkmark
Size	3-4m (10-14f	t)	\checkmark	Multiple patches	\checkmark
2. Coi	±			· · · · · ·	i
Dead		\checkmark	No	otes:	
Malformed					
Swolle	en	 Image: A start of the start of			
3. Ne	w Growth	L			
Dead		\checkmark	Di	eback	\checkmark
Wilted		\checkmark	М	alformed	\checkmark
Notes:					
4. Ne	edles/leaves				
Dead	-	\checkmark	м	alformed	\checkmark
Diagal	oration	\checkmark	Rı	ıst	\checkmark

4. Needles

Dieback of needles along branch					
Age of needles affected (year 1,2,3,4 etc.)					
Approx number of nee	edles	effected (%)			
Discoloration (spo	ots/b	ands) on needles		١	
Light green / yellow	\checkmark	Single bands		١	
Brown / red	\checkmark	Numerous		١	
Approx number of nee	edles	effected (%)			

Notes:

5. Trunk & Bra	nch	00	
		25	
Canker or lesi	on	_	Approx. number
Dry		\checkmark	Gummy/sticky
Approx. height	of ca	nker	from ground (m)
Galls	\checkmark	Арр	prox. size (m)
Trunk bleeding	('we	epin	g patches')
Approx. height	of ble	eed fi	rom ground (m)
Approx. numbe	r of b	leed	s over trunk (m)
Vertical bleeds (in a line up the trunk)		~	Horizontal bleeds (around the trunk)
Loose Bark / ba	rk fla	aking	/ comes off easily
Notes:			
6. Base and Ro	oots	(if ex	(posed)

Bootlaces/black strands (1-2mm wide) Fungal mycelium/white strands Mushrooms/toadstools on plant

Damage by mammals

Wet

Decay / Rotting

V Drv

ted by:		_ Date:			
7. General pest da	mage	Location (e	Location (e.g. leaf)		
Insect galleries unde bark	r loose 🧹				
Insect eggs	\checkmark				
Chewing damage	\checkmark				
Insect webbing	\checkmark				
Insect mines	~				
Frass	~				
Bore holes (circle b	elow)				
<5mm 5-10mm					
<u>Notes:</u> 8. Pest sightings		Location	Photo		
(give an indication of how su identification)	re you are of this	(e.g. leaf)	(file name)		
	~				
	~				
	~				

9. G	eneral	Observations	and Additional	Notes
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/hat do you think is wrong with this plant? ive an indication of how sure you are of this diagnosis)		1.) Is a re-survey required? 2.) If yes, in what timeframe (include a suggested date)
) Should this be reported to the local diagnostic laboratory - a physical ample may be required (this is only if symptoms are severe or if a pest of concern)	✓	scalated to local <u>National Plant Protection</u> 5.) Date reported

Notes:

Conifer trees

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Reference/file name of any photographs taken:

Survey completed by:

 \checkmark