

Technical Working Party for Ornamental Plants and Forest Trees TWO/52/4
**Fifty-Second Session
 Roelofarendsveen, Netherlands, June 8 to 12, 2020**
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MATTERS TO BE RESOLVED CONCERNING TEST GUIDELINES PUT FORWARD FOR ADOPTION BY THE TECHNICAL COMMITTEE: COREOPSIS (*COREOPSIS* L.)
Document prepared by an expert from the United Kingdom
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1. The Enlarged Editorial Committee (TC-EDC), at its meeting held in Geneva, on October 27 and 28, 2019, considered document TG/COREO(proj.3) and agreed that the technical issues raised on the draft Test Guidelines for Coreopsis (*Coreopsis* L.) should be addressed by the Technical Working Party for Ornamental Plants and Forest Trees (TWO) (see document TC/55/25 Corr. "Report", Annex II).
2. The following table presents all the comments made by the TC-EDC on the draft Test Guidelines for Coreopsis (document TG/COREO(proj.3)), including the technical issues (indicated below by "#"), with the proposed responses by the Leading Expert, Ms. Hilary Papworth (United Kingdom).

#Chars. 1, 8, 17, 20, 24, 27, 39, 40, 41, 42	to add example varieties (see document TGP/7 (GN 28)) <i>provided by Leading; see Annex to this document</i>
#Chars. 6 to 11 and 15 to 17	According to Ad. 5, all varieties may have both types of leaves. Clarification necessary whether all characteristics should be described for varieties with note 1, 2 and 3 in char. 5 <i>Leading Expert: To have an additional explanation in Chapter 8.1 labelled (c) to apply to Characteristics 6 to 11 and 15 to 17, to read: "Observations should only be made in relation to the predominant leaf type according to Characteristic 5. Where no predominance is observed for Characteristic 5, i.e. both simple and divided leaf type occur in similar amounts, observations should be made on both types of leaf."</i>
Chars. 12 to 14	to be moved after char. 17
Char. 30	"throughout" should be note 15
Char. 32	to be moved before char. 30
8.1 (d)	first 8.1(d) to be relabeled "(b)" (type-o)
8.1 (e)	to be replaced by the standard wording (see document TGP/14)
Ad. 5	to read "Some varieties have both types of leaves. The predominant leaf type should be assessed. The state ..."
Ad. 19	to be deleted (see VG)

Ad. 29	Drawings to be improved. Main color should appear solid to prevent confusion with drawings for char. 30 and 32.
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1
basal half



2
basal half and
margins



3
basal three
quarters



4
basal three
quarters and
margins



5
distal three
quarters

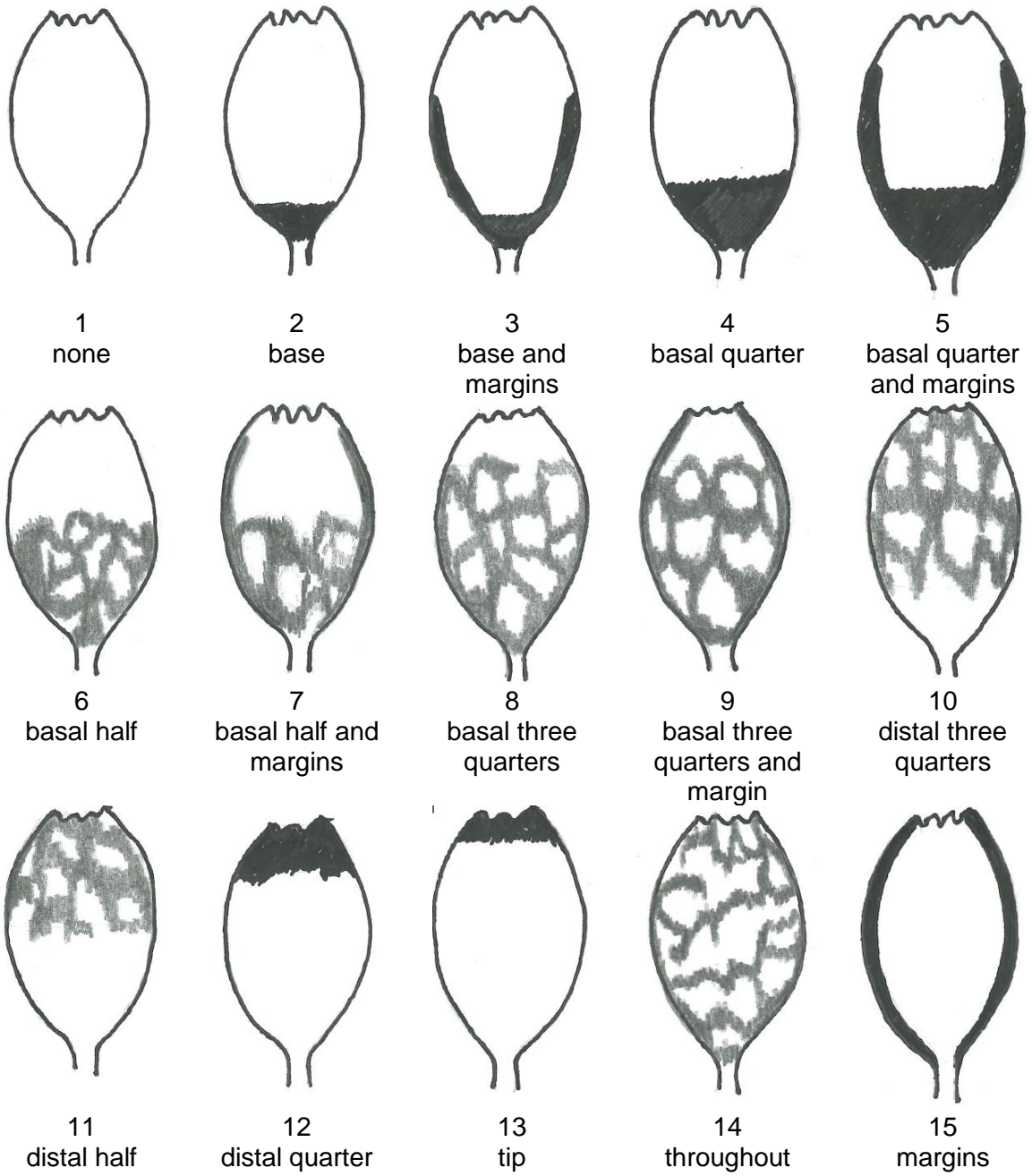


6
distal half

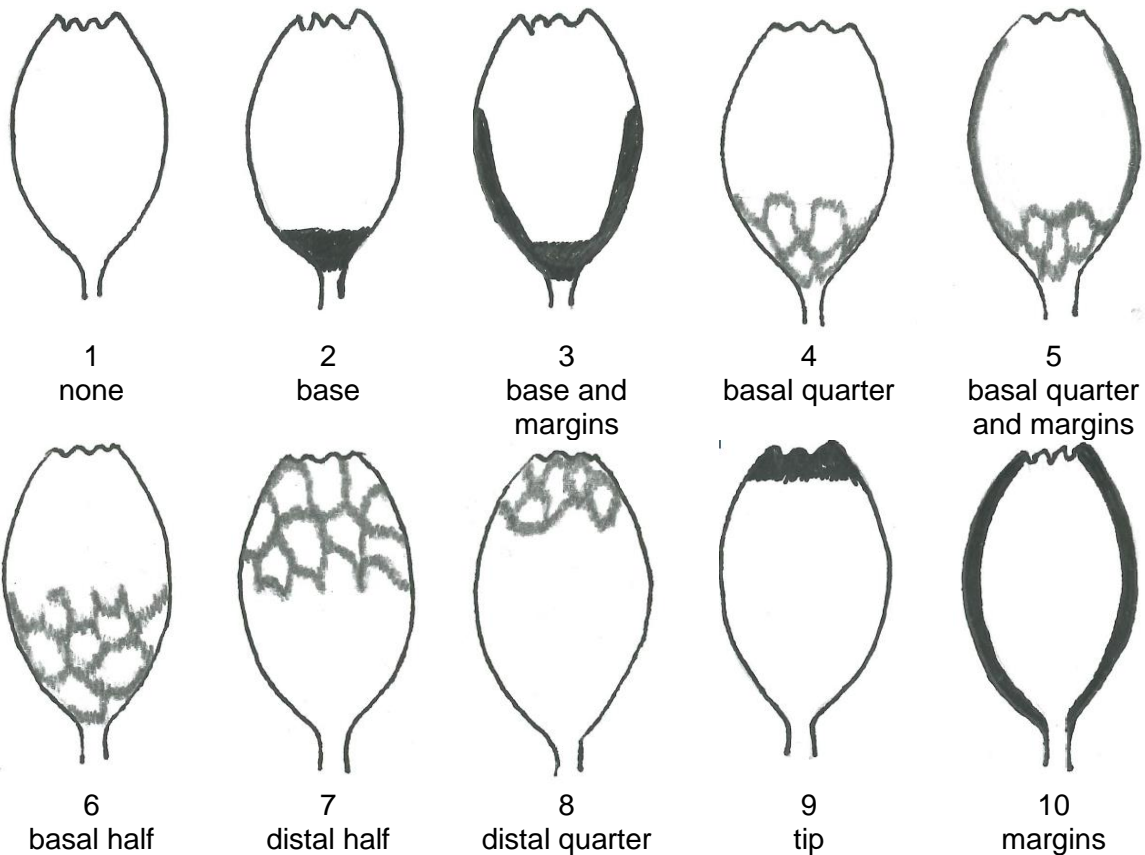


7
throughout

#Ad. 30	- to add explanation clarifying how secondary color can occupy more than 50% of surface (to check whether to read "If the secondary color is not solid, it may be distributed on more than half of the ray floret and the total area is still less than the main color.") - Drawings to be improved. Secondary color should <u>not</u> appear solid for state 6 to 11 and 14 to prevent confusion with drawings for char. 30. <i>Leading Expert: agreed with proposed wording for Ad. 30 and provided new illustrations</i>
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#Ad. 33	- to check whether to read "If the tertiary color is not solid, it may be distributed in up to half of the ray floret and the total area is still less than the secondary color." - Drawings to be improved. Secondary color should <u>not</u> appear solid for state 4 to 8 to prevent confusion with drawings for char. 30 and 32. <i>Leading Expert: agreed with proposed wording for Ad. 33 and provided new illustrations</i>
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[Annex follows]

ANNEX

ADDITION OF EXAMPLE VARIETIES AS PROVIDED BY LEADING EXPERT

The proposed changes are presented below in highlight and underline (insertion)

	English		français		deutsch		español		Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
1. (*)	QN	VG	(+)							
	Plant: growth habit		Plante : port		Pflanze: Wuchsform		Planta: hábito de crecimiento			
	upright		dressé		aufrecht		erecto		<u>Garnet</u>	1
	semi-upright		demi-dressé		halbaufrecht		semierecto		<u>VIZCOR 609</u>	2
	semi-spreading		demi-étalé		halb-breitwüchsig		semiextendido		<u>URITW02</u>	3
	spreading		étalé		breitwüchsig		extendido		<u>Mercury Rising</u>	4
8. (*)	QN	MG/MS/VG	(+)	(a)						
	Simple leaf: length/width ratio		Feuille simple : rapport longueur/largeur		Einfaches Blatt: Verhältnis Länge/Breite		Hoja simple: relación longitud/anchura			
	low		bas		klein		baja		<u>Charlize</u>	3
	medium		moyen		mittel		media			5
	high		élevé		groß		alta		<u>Mercury Rising</u>	7
17. (*)	QN	MG/MS/VG	(+)	(a)						
	Divided leaf: length/width ratio of terminal lobe		Feuille découpée : rapport longueur/largeur du lobe terminal		Geteiltes Blatt: Verhältnis Länge/Breite des Endlappens		Hoja dividida: relación longitud/anchura del lóbulo terminal			
	low		bas		klein		baja		<u>PRO358</u>	3
	medium		moyen		mittel		media		<u>Buttermilk</u>	5
	high		élevé		groß		alta		<u>URITW02</u>	7
20. (*)	QN	VG	(+)	(c)						
	Flower head: position relative to foliage		Capitule : emplacement par rapport au feuillage		Blütenkopf: Position im Verhältnis zum Laub		Capítulo: posición con respecto a follaje			
	below or same level		en dessous ou au même niveau		unterhalb oder auf gleicher Höhe		por debajo o al mismo nivel		<u>VIZCOR 609</u>	1
	slightly above		juste au-dessus		leicht oberhalb		ligeramente por encima		<u>Enchanted Eve</u>	2
	moderately above		légèrement au-dessus		mäßig oberhalb		moderadamente por encima		<u>PRO538</u>	3
	far above		bien au-dessus		weit oberhalb		muy por encima			4

	English	français	deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
24. (*)	QN VG	(+) (c), (d)				
	Ray floret: attitude of basal part	Fleur ligulée : port de la partie basale	Zungenblüte: Stellung des basalen Teils	Flor ligulada: porte de la parte basal		
	strongly ascending	fortement ascendante	stark nach oben stehend	muy ascendente		1
	moderately ascending	modérément ascendante	mäßig nach oben stehend	moderadamente ascendente		2
	weakly ascending	faiblement ascendante	leicht nach oben stehend	ligeramente ascendente	<u>Sophia</u>	3
	horizontal	horizontale	waagrecht	horizontal	<u>Enchanted Eve</u>	4
	weakly descending	faiblement descendante	leicht nach unten stehend	ligeramente descendente	<u>URITW02</u>	5
	moderately descending	modérément descendante	mäßig nach unten stehend	moderadamente descendente	<u>Pineapple Pie</u>	6
	strongly descending	fortement descendante	stark nach unten stehend	muy descendente		7
27. (*)	QN MG/MS/VG	(+) (c), (d)				
	Ray floret: length/width ratio	Fleur ligulée : rapport longueur/largeur	Zugenblüte: Verhältnis Länge/Breite	Flor ligulada: relación longitud/anchura		
	low	bas	klein	baja	<u>PRO538</u>	3
	medium	moyen	mittel	media	<u>Starlight</u>	5
	high	élevé	groß	alta	<u>Tweety</u>	7
39. (*)	QN VG	(+) (c), (d)				
	Ray floret: longitudinal axis	Fleur ligulée : axe longitudinal	Zungenblüte: Längsachse	Flor ligulada: eje longitudinal		
	strongly incurving	fortement incurvé	stark aufgebogen	fuertemente incurvado		1
	moderately incurving	modérément incurvé	mäßig aufgebogen	moderadamente incurvado	<u>Ladybird</u>	2
	weakly incurving	faiblement incurvé	leicht aufgebogen	débilmente incurvado	<u>URITW02</u>	3
	straight	droit	gerade	recto	<u>Balupteamed</u>	4
	weakly reflexing	faiblement courbé	leicht zurückgebogen	débilmente reflexo	<u>Buttermilk</u>	5
	moderately reflexing	modérément courbé	mäßig zurückgebogen	moderadamente reflexo		6
	strongly reflexing	fortement courbé	stark zurückgebogen	fuertemente reflexo		7

	English		français		deutsch	español	Example Varieties Exemples Beispielssorten Variedades ejemplo	Note/ Nota
40.	(*)	QN	VG	(+)	(c), (d)			
		Ray floret: profile in cross section	Fleur ligulée : profil en section transversale	Zungenblüte: Profil im Querschnitt	Flor ligulada: perfil de la sección transversal			
		strongly concave	fortement concave	stark konkav	fuertemente cóncavo	DCOREO16	1	
		moderately concave	modérément concave	mäßig konkav	moderadamente cóncavo	Enchanted Eve	2	
		weakly concave	faiblement concave	leicht konkav	débilmente cóncavo	URITW02	3	
		flat	plat	flach	plano	Cosmic Eye	4	
		weakly convex	faiblement convexe	leicht konvex	débilmente convexo	PRO538	5	
		moderately convex	modérément convexe	mäßig konvex	moderadamente convexo	VIZCOR 609	6	
		strongly convex	fortement convexe	stark konvex	fuertemente convexo		7	
41.	(*)	QN	VG	(+)	(c), (d)			
		Ray floret: number of indentations at tip	Fleur ligulée : nombre de denticulations du sommet	Zungenblüte: Anzahl Randeinschnitte an der Spitze	Flor ligulada: número de indentaciones en la punta			
		absent or very few	nul ou très faible	fehlend oder sehr gering	ausentes o muy bajo	Bengal Tiger	1	
		few	faible	gering	bajo	Starlight	2	
		medium	moyen	mittel	medio	Buttermilk	3	
		many	élevé	hoch	alto	Enchanted Eve	4	
		very many	très élevé	sehr hoch	muy alto	VIZCOR 609	5	
42.	(*)	QN	VG	(+)	(c), (d)			
		Ray floret: depth of indentations at tip	Fleur ligulée : profondeur des denticulations du sommet	Zungenblüte: Tiefe der Randeinschnitte an der Spitze	Flor ligulada: profundidad de indentaciones de la punta			
		very shallow	très peu profondes	sehr flach	muy poco profundas	Buttermilk	1	
		shallow	peu profondes	flach	poco profundas	URIT02	2	
		medium	moyennes	mittel	medias	PRO538	3	
		deep	profondes	tief	profundas	Enchanted Eve	4	
		very deep	très profondes	sehr tief	muy profundas		5	

[End of Annex and of document]