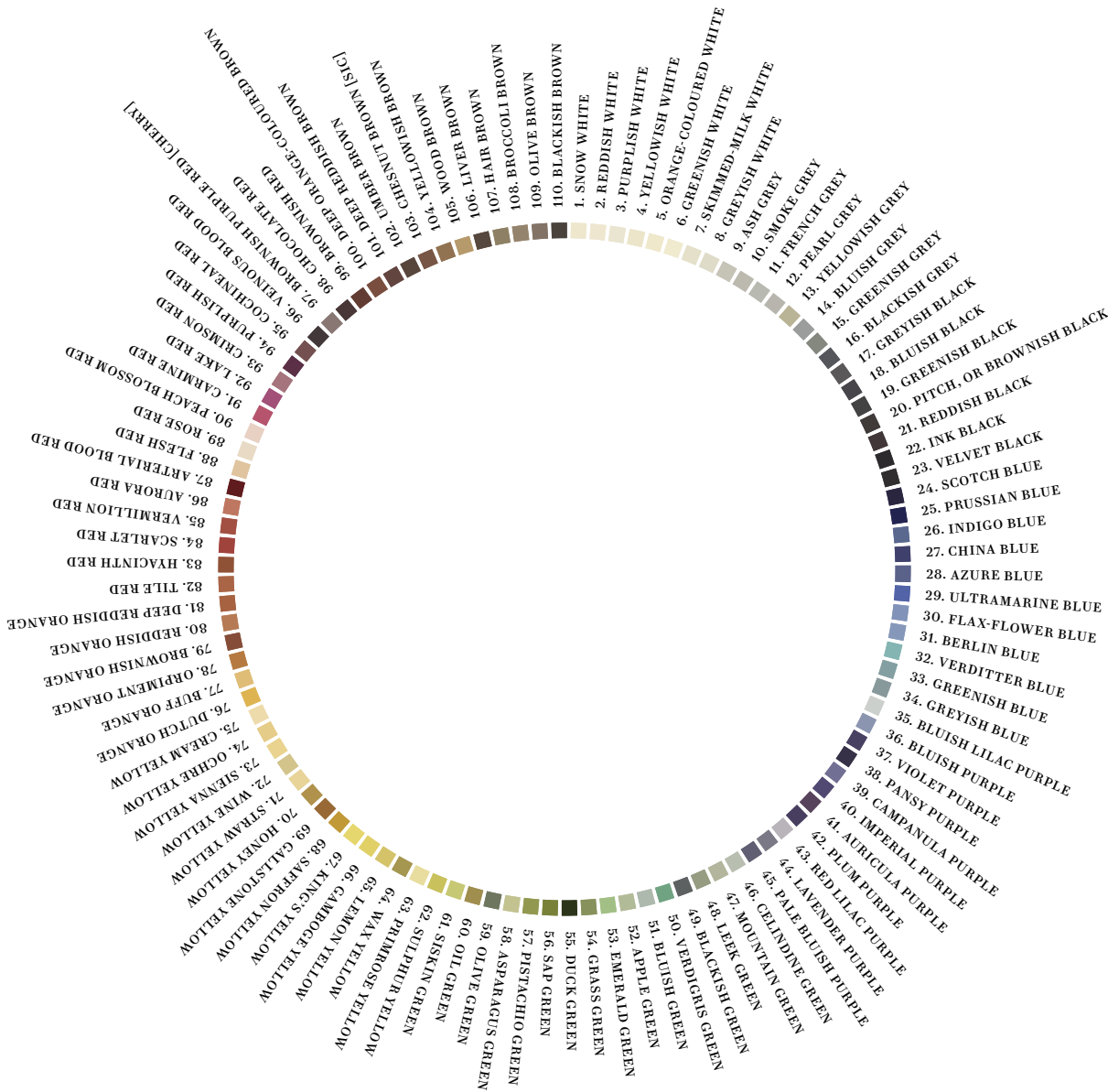


COLOURS.





	27.		71.		32.		56.		77.
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	10.		102.		86.		12.		75.
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	41.		84.		50.		54.		76.
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	28.		61.		66.		34.		14.
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	44.		84.		89.		87.		32.
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	25.		30.		86.		27.		15.
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	85.		76.		56.		29.		50.
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	57.		52.		85.		108.		92.
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i.
WHITES,
GREYS
AND
BLACKS.

BLUES.

BLUES.					
No.	Names	Colours	ANIMAL.	VEGETABLE	MINERAL.
24	Scotch Blue.		Throat of Blue Titmouse.	Stamina of Single Purple Anemone.	Blue Copper Ore.
25	Prussian Blue.		Round Spot on Wing of Mallard Drake.	Stamina of Double Purple Anemone.	Blue Copper Ore.
26	Indigo Blue.				Blue Copper Ore.
27	China Blue.		Rhinoceros Vitæ.	Back Part of Canton Flower.	Blue Copper Ore from China.
28	Azure Blue.		Beard of Emerald-crowned Monarch.	Large Ranunculus-florula.	Blue Copper Ore.
29	Ultramarine Blue.		Upper Side of the Wings of small Blue South Butterfly.	Barbages.	Azure Stone or Lapis Lazuli.
30	Flax-colour Blue.		Light Part of the Wings of the Wings of Devils Butterfly.	Flax flower.	Blue Copper Ore.
31	Berlin Blue.		Wing Feathers of Jay.	Hepatica.	Blue Sapphire.
32	Verditer Blue.				Verditer Ore.
33	Greenish Blue.			Great Fennel Flower.	Turquoise. Fluor Spar.
34	Greyish Blue.		Back of Blue Titmouse.	Small Fennel Flower.	Iron Earth.

PURPLES.

PURPLES.					
No.	Names	Colours	ANIMAL.	VEGETABLE	MINERAL.
35	Bluish Lilac Purple.		Mole of the Lobellula depressa.	Blue Lilac.	Liquidite.
36	Bluish Purple.		Papilio Argæus. Azure Blue Butterfly.	Parts of White and Purple Cress.	
37	Violet Purple.			Purple Aster.	Amethyst.
38	Pearly Purple.		Chrysomela luctuosa.	Sweet-scented Violet.	Ducheshire Spar.
39	Campanula Purple.			Campanula Periclydia.	Fluor Spar.
40	Imperial Purple.			Deep Part of Flower of Saffron Crocus.	Fluor Spar.
41	Auricula Purple.		Egg of largest Blue bottle or Flesh Fly.	Largest Purple Auricula.	Fluor Spar.
42	Plum Purple.			Plum.	Fluor Spar.
43	Red Lilac Purple.		Light Spots of the upper Wings of Peacock Butterfly.	Red Lilac. Pale Purple Primrose.	Liquidite.
44	Lavender Purple.		Light Parts of Spots on the under Wings of Peacock Butterfly.	Dried Lavender Flowers.	Præcian. Jasper.
45	Pale Blackish Purple.				Porcelain Jasper.

Syme's 1821 edition included three of Werner's original blues (numbers 26, 28, and 31), one blue from the Lenz system (number 33), one blue from the Kirwan system (number 34), five blues from his own 1814 system (numbers 25, 27, 29, 30 and 32) and introduced one new blue (24).

BLUES.

No.	Names.	Colours.	ANIMAL.			VEGETABLE.		MINERAL.	
24	Scotch Blue.		Throat of Blue Titmouse.			Stamina of Single Purple Anemone.		Blue Copper Ore.	
25	Prussian Blue.		Beauty Spot on Wing of Mallard Drake.			Stamina of Bluish Purple Anemone.		Blue Copper Ore.	
26	Indigo Blue.							Blue Copper Ore.	
27	China Blue.		Rhynchites Nitens.			Back Parts of Gentian Flower.		Blue Copper Ore from Chessy.	
28	Azure Blue.		Breast of Emerald-crested Manakin.			Grape Hyacinth Gentian.		Blue Copper Ore.	
29	Ultra marine Blue.		Upper Side of the Wings of small blue Heath Butterfly.			Borrage.		Azure Stone or Lapis Lazuli.	
30	Flax-flower Blue.		Light Parts of the Margin of the Wings of Devil's Butterfly.			Flax flower.		Blue Copper Ore.	
31	Berlin Blue.		Wing Feathers of Jay.			Hepatica.		Blue Sapphire.	
32	Verditter Blue.							Lenticular Ore.	
33	Greenish Blue.					Great Fennel Flower.		Turquoise Flour Spar.	
34	Greyish Blue.		Back of blue Titmouse			Small Fennel Flower.		Iron Earth.	

BLUES.

GREENS (i).

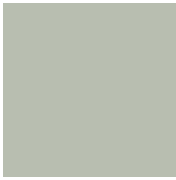
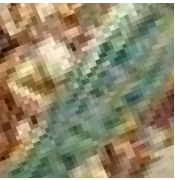
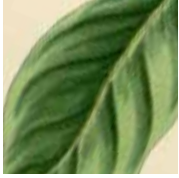
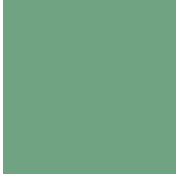
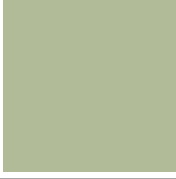
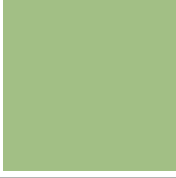
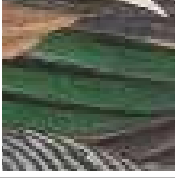
GREENS.					
N ^o	Names	Colours	ANIMAL	VEGETABLE	MINERAL
46	<i>Celandine Green.</i>		<i>Phalena Margaritaria.</i>	<i>Back of Turnage Leaves.</i>	<i>Beryl.</i>
47	<i>Mountain Green.</i>		<i>Phalena Viridaria.</i>	<i>Thick leaved Cuckered. Silver leaved Almond.</i>	<i>Actynolite Beryl.</i>
48	<i>Leek Green.</i>			<i>Sea Kale. Leaves of Larks in Winter.</i>	<i>Actynolite Prase.</i>
49	<i>Blackish Green.</i>		<i>Elytra of Meloe Vulgaris.</i>	<i>Bark Streches Leaves of Cayenne Pepper.</i>	<i>Serpentine.</i>
50	<i>Verdigris Green.</i>		<i>Tail of small Long tailed Green Parrot.</i>		<i>Copper Green.</i>
51	<i>Bluish Green.</i>		<i>Egg of Thrush.</i>	<i>Under Back of Wild Rose leaves.</i>	<i>Beryl.</i>
52	<i>Apple Green.</i>		<i>Under Side of Wings of Green Brown Moth.</i>		<i>Crysoprase.</i>
53	<i>Emerald Green.</i>		<i>Beauty Spot on Wing of Teal Drake.</i>		<i>Emerald.</i>

GREENS (ii).

GREENS.					
N ^o	Names	Colours	ANIMAL	VEGETABLE	MINERAL
54	<i>Grass Green.</i>		<i>Amuratus Tadpole.</i>	<i>General Appearance of Grass Fields. Sweet Sugar Pear.</i>	<i>Uran Mica.</i>
55	<i>Duck Green.</i>		<i>Neck of Mallard.</i>	<i>Upper Back of Yen Leaves.</i>	<i>Cephale.</i>
56	<i>Sap Green.</i>		<i>Under Side of lower Wings of Orange tip Butterfly.</i>	<i>Upper Back of Leaves of waxy Night Shade.</i>	
57	<i>Nettle Green.</i>		<i>Back of Elder Beetle.</i>	<i>Ripe Pear. Ripe Apple like Sweetbriar.</i>	<i>Crysolite.</i>
58	<i>Asparagus Green.</i>		<i>Bractenee Rubecilla.</i>	<i>Variegated Horse Shoe Geranium.</i>	<i>Beryl.</i>
59	<i>Olive Green.</i>			<i>Palmarie or Lignum vita.</i>	<i>Epulite Olivine etc.</i>
60	<i>Oil Green.</i>		<i>Animal and Shell of common Water Snail.</i>	<i>Prepared Apple from the Wall.</i>	<i>Beryl.</i>
61	<i>Sichin Green.</i>		<i>Sichin.</i>	<i>Ripe Crabapple Pear. Irish Blister Apple.</i>	<i>Uran Mica.</i>

The first chart of greens in Syme's 1821 edition included four of Werner's original greens (numbers 47, 48, 50, 52), three greens from the Morveau system (numbers 46, 49 and 53) and one green from the Lenz system (number 51).

GREENS (i).

No.	Names.	Colours.	ANIMAL.			VEGETABLE.		MINERAL.	
46	Celandine Green.		Phalœna Margaritaria.			Back of Tussilago Leaves.		Beryl.	
47	Mountain Green.		Phalœna Viridaria.			Thick Leaved Cudweed, Silver-leaved Almond.		Actynolite Beryl.	
48	Leek Green.					Sea Kale, Leaves of Leeks in Winter.		Actynolite Prase.	
49	Blackish Green.		Elytra of Meloe Violaceus.			Dark Streaks on Leaves of Cayenne Pepper.		Serpentine.	
50	Verdigris Green.		Tail of small Long-tailed Green Parrot.					Copper Green.	
51	Bluish Green.		Egg of Thrush.			Under Disk of Wild Rose Leaves.		Beryl.	
52	Apple Green.		Under Side of Wings of Green Broom Moth.					Crysoprase.	
53	Emerald Green.		Beauty Spot on Wing of Teal Drake.					Emerald.	

GREENS (i).



91. CARMINE RED.

- (i). Raspberry. [Rubus idaeus] Cocks Comb. [Cockscomb; Celosia]
- (ii). Carnation Pink. [Dianthus caryophyllus]
- (iii). Oriental Ruby. [Corundum mineral]

Carmine Red, the characteristic colour of Werner, is lake red, with a little arterial blood red. [W]



ANIMAL.



VEGETABLE.



MINERAL.

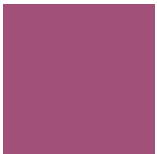
258. V. REDS AND BROWNS.

ANIMAL.
John Gould, *The Birds of New Guinea and the Adjacent Papuan Islands*, Vol. 3, 1875-88. Carmine Red is visible on the feathers of the red myzomela.*

VEGETABLE.
Johann Wilhelm Weinmann, *Phytanthoza Iconographia*, 1737. Carmine Red is visible on the petals of the cockscomb.

MINERAL.
Reinhard Brauns, *The Mineral Kingdom*, Vol. 2, 1912. Carmine Red is visible on the ruby (five specimens, centre left).

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92. LAKE RED.

- (i). Red Tulip. [Tulipa] Rose Officinalus. [French Rose; Rosa Gallica]
- (iii). Spinel. [Spinel mineral]

Lake Red, the crimson red of Werner, is arterial blood red, with a portion of Berlin blue. [W]



ANIMAL.



VEGETABLE.



MINERAL.

ANIMAL.
Richard Brinsley Hinds, *The Zoology of the Voyage of H.M.S. Sulphur*, 1843. Lake Red is visible on the head feathers of the long-tailed manakin.

VEGETABLE.
John Lindley, *Edwards's Botanical Register*, 1829-47. Lake Red is visible on the petals of the tulip.

MINERAL.
Spinel, lithograph, 1968. Lake Red is visible on the spinel (right).

259. V. REDS AND BROWNS.