

- Oct 26 Worthington Ford at studio and lunch (Georgian) 17.  
 1 - 2:30 Sees MSS for new manual - Color  
 Tree and Color Atlas. Is impressed with its  
 mechanics.  
 We talk of the Becker trial - public manners -  
 women's dress and education - the neglect of  
 good English (and base-ball inventions) -  
 Quotes his daughters reply when asked what she  
 studied in geography - "we are now in cotton".
- Oct 29 Mr. Putnam (W&H) at studio 2:30-3:30  
 Mr. Whitney - Supt of Everett - wishes me to  
 speak to his teachers about color some P.M.  
 at High School (Miss Ellicott, supervisor)  
 I warn Putnam that I must be open-minded as to  
 other color schemes - and not abuse my position  
 at the School. It is not necessary to disparage  
 others: simply show this is the most impersonal  
 method and clearly defined - not guesswork or  
 personal assertion.  
 Sargent has asked for a big neutral scale  
 Says Prof. Hirman & Mickey of Salisbury Sch. of Art  
 Worcester use charts  
 R G Allen Hyde Park )  
 F G Nyland Canton ) all interested  
 G A Goodsell Framingham ) in this  
 Frances Walley Woburn )  
 Suggests Tues. Nov 5 at 3 p.m.
- Oct 30 Atlas & bill sent at Mr. Fish' request to 84 State.  
 Question of retirement pension put to the State  
 Board of Retirement  
 Speaking of Bailey's editorial in School Arts  
 Book - urging a return to strong color - Mr.  
 Franrie says "He went meaning to find strong  
 colors - and found them."  
 Says the futurist painter Picasso writes chemical  
 formulas for colors on a neutral ground and calls  
 it a painting.  
 (Page 17a contains a letter to the Board of  
 Retirement.)
- Nov 6 At Mr. Howland's desk - 9 a.m. 19.  
 Showed that new yellow and green in box (2)  
 of crayons had varied from middle value - yellow  
 too light, green too dark.  
 Arranged with Mr. Putnam for illustrated talk to  
 Everett school teachers in High School building  
 Nov. 26 - 4 p.m.

Nov 7 8:30 - 9:30 Proofs of charts with Mr. Bowker and Mr. Jenkins.  
5 p.m. Telephoned asking for black ground on charts 50 and 70 as well as on chart 30. Mr. Bowker says the 2 extra black plates will cost \$12. - and I agree to make the experiment.

Nov 13 2:30 -4 With Mr. Allen - at office of Philip Ruxton - 290 Broadway NY  
Showed me books of my chart scales and copies in printing ink. I found the photometer poorly installed and advised him on a better arrangement. He criticizes Alvah Parsons and thinks he tries to use my colors. Says his inks are permanent and matte.

See Froelich, Miss Snow and Mr. Grover at Prang Co. office. Former suggests a brochure of my Baltimore address with the discussion which followed. Shows me Person's book.

Nov 14 With Dow at Teachers College  
Would like another lecture course on color from me.


E. R. Smith at Columbia Avery Library  
Prof. Hallock " Fairweather Hall  
Is giving a course on optometry. Have found my photometer very sensitive.

Nov 19 9:30 - 10 Mr. Hopkins at N. A. S. brings verbal suggestion from Dr. Snedden that I "offer" to forego any returns on my system in public elementary schools of Mass. Answer that I wish to have an interview with him and Pres. Fish. 21.

8 - 9:30 p.m. With Mr. Perkins (& son) at Brockline Court House - to consider Mr. E. C. Andrews appropriation of my colors in his book - also Philip Ruxton's copies in printing ink - and Dr. Snedden's suggestion. First ask Mr. Fish as to the legal question (unless it embarrasses him) Then consider giving half the profit to the State.

2 - 3:30 Miss Patrick hears VSC of new manual on Color Balance - and sees new plates (charts 30 - 50 - 70) for Color Notation (3d edition).

Nov 20 9 - 9:30 With Rev. Wm. F. Huntington at P. U.

 Mr. Schmidt tells me how Clark "slides" on Ross complements.

Nov 21

11:30 - 2:30 Edward Lord of Scribners' at studio and lunch (B.V.C.) Asks where system is in use. He must convince Messrs Brownell & Scribner (former is sane, static, waiting to be shown, asks will it pick out a masterpiece of painting.)

Suggests a magazine article by Mr. Carrington - (speaks of Lawsons picturesque way of "throwing words" and says he knows of no better man than Fritchard who can write 30 pages that will stick.) Says "when I hear you it is clear, but when I read the words, it escapes. Tells of Collins plates and book.

First accepted by Board of Education: then came question of a monopoly: then the Board appropriates \$19,000. for an edition of 10,000, but is turned down by the board of Estimate: then taken by Scribner - reference to plates omitted and placed on the official N. V. list for the course of study.

Contributory infringement in furnishing an element to the making of the Munsell Color Charts (patented)

(21a and 21b consist of notes from talk with Mr. Perkins.)

Nov 23

11 - 12 Mr. Goodsell of Framingham School to talk over color. 23.

11:30 - 12:30 Fritchard & Lord to urge the 30 page pamphlet -

Letter says he knows only light and dark colors (shades)

Former says make your introduction the appendix.

1 - 1:30 Dr. Henderson takes me to lunch at Wirth's. Says I should present this at Groningen next September.

Has completed his book.

Sees work from Willebey and Framingham.

Nov 26

4 - 5:30 Everett High School - Mr. Whitney (Supt) Miss Ellicott and 200 teachers.

Color demonstration. Sphere, tree, charts and materials. Work from Westfield, Framingham, Wellesley, Beverly, Stoneham.

We must think color, not merely see it as an idiot sees.

To think color we must recognize & separate

" " " " # make a scale of each quality  
" " " " " unite the three scales by  
a solid.

Color Sphere and Color Tree give a true and permanent mental image of Color relations

Charts of the Color Tree form an Atlas of Color  
" " " " " with a written notation  
permit records.

Balance of color rests the eye - excess is painful - Alternate Rest and Action give growth to perception. Regular discipline leads to fine and finer discrimination.

Design in Color

Elementary ) needed by 999 in every 1000  
Advanced .) of the pupils. The one artist  
in every 1000 will take care  
of himself.


Three difficulties

1. Useless names
2. False tradition
3. Common ignorance of a third dimension - chroma

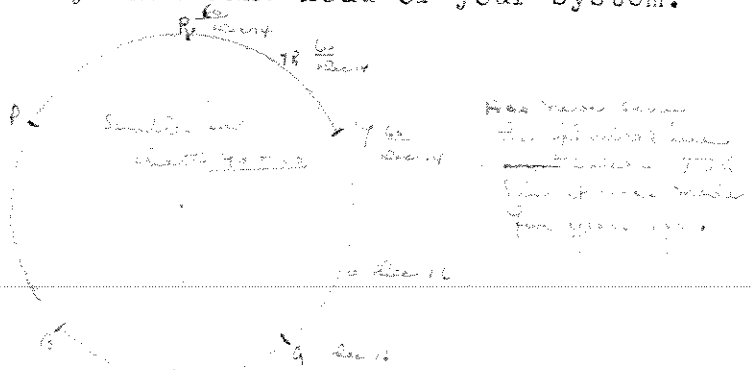
Dec 2 At Dr. Huntington's office - with Prof. N. A. 25.  
Kent (physics) Prof Clark (pedagogy) and Prof.  
Talbot.

Dec 9 Studio 4 - 5 Mr. Kimber of University Press.  
Sees color proofs and model for "Color Tree."  
Figures on "Hermes" coated paper @18 per ream.  
Will figure on five colors instead of six.  
Tells of printing the "Anglo-Saxon Infinitive"  
for Carnegie Institute. Will speak of my  
color research to the pres. Thinks I should  
superintend the printing of these plates.

Dec 11 Receive figure of \$110. for 2000 copies of  
the set of charts on Hermes paper and telephone  
acceptance - Speaks of copyright, titles, and  
dummy folder.

Dec 16 3:30 - 5 at N. A. S.  
J. F. Hopkins sees MS<sup>9</sup> and dummy for Color Balance  
Asks why  cylinder is not typical of color  
mixture. Show that white and black pull  
color inward to the poles.

Asks if five or ten fold color circle is copyright. Say it is charts showing a single degree of one quality that is patented. Either hue or ~~chroma~~ V. Asks if Bailey is not right that I "leave out beautiful mountains of color"? and I show him the Tree and Charts. When will the vertical series of charts be out? I show him they follow immediately upon the completion of the horizontal series. "Then industry will take hold of your system."

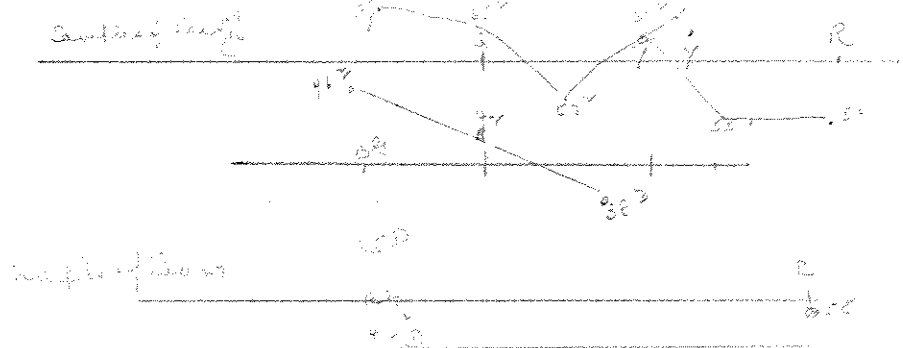


- Dec 19 Ector at studio. Write C<sub>12</sub> that his lamp is red, and that y<sub>612</sub> plus C<sub>12</sub> are good, as they will darken. 27.
- Dec 21 Dr. Henderson at studio, lunch at Victoria and foreign book store. Tell him of curves of pigment weight, to which yellow is an exception. Says the next thing is a scientific statement of my contribution to science, and he will try to arrange to make it with me (as I say it is beyond me) - using my diaries.
- Dec 23 At Malden factory 11 - 1. Show model for Color Tree and discuss aluminum, tin, fibre, etc. Test arc lamp - with its curved bands of yellow-green and purple. Mr. Arthur Howland shows me new part and discusses dark room. Asks the difference between Ross' scheme and mine.

Ross	Munsell
Old R-Y-B theory	Fundamental R-G-VB
<u>personal</u>	<u>impersonal</u>
varying	fixed scientifically
points <u>assured</u> as	points <u>measured</u>
regular steps of v & c	by instruments

Asks which borrowed from the other?  
 Tell him of our intercourse at Applieda ('91) Venice ('92) and up to 1898 - when I came out with a sphere and photometric measurements.

After that, we saw little of each other - as Mr. Ross avoided tests and criticised my tree because "it was not flat". His term "intensity" for chroma leads to misunderstanding. I tell Mr. H. of his two books "A Theory of Pure Design" and "On Drawing and Painting", both of which perpetuate the ~~R-G-VB~~ R-Y-B fallacy - altho' he recognized the R-G-VB action of the eye in a pamphlet about his Botolph show in 1898.



- Dec 27 11:30-3 Mr. Hutchinson at studio & BYC to talk over Ector's work. 29
- 27 Mr. Fritchard at studio & BYC to talk over Ector's work.
- 30 Mr. Winn Brown (Silver Burdett Co) sees book and MSS - tree and atlas. Advises a 32 page monotype machine pamphlet in flexible cover at cost of 6-7 cents each, edition 3,000. Sell for .25. Says Miss Arnold's offer to return royalty for sales to the Boston schools started the ball - not so in New York. Knows of Clark's last scheme, and Bailey's action when "agent".
- 31 Mr. Felo (Silver-Burdett) to enquire about Mr. Right Enright - Mr. Schmidt. Dr. Butler reads Mss. (I tell him of Hopkins proposition.)
- Jan 1 1913 4 P.M. Mr. Putnam brings larger neutral scale on white - black and grey. I prefer the white ground - but think users must be cautioned as to dust and handling. Finds difficulty in idea of middle red moving equally in every direction. Has always thought of extreme red - not the 5 R 5/5. Says two dozen copies of books remain at store. Tell him copyright notice must appear on materials (new scale) and should the neutral scale (big) affect sales of the charts it might have to be discontinued. Edition of

of "Children's Studies" exhausted - will have no more.

- Jan 2 1:15 - 2  
At Mr. Gilman's office - Museum of Fine Arts. Give him Mss of "Color Balance" - "Undeveloped film" age - later "what service remains to do". Say he should now have his portrait painted for his family.
- Jan 13 Studio 4-4:30. Dr. Huntington to see portraits. 31. School 2 P.M. Miss Clark to see Dr. Miner's portrait.
- 14 1 - 1:30 At University Press, Cambridge with Mr. White, look over yellow proof of folder for 3rd ed. Afterward meet Prof. Clifford and lunch at Marstons.
- 16 Miss Patrick at studio 3:30-5. We go over samples of work by Wellesley children.  
designs for color on pottery (1 self color 3Vs  
book covers (2 3 hues & 3 yr  
an illustrated pamphlet & (3 Same neighbors  
plates with oppo-  
sites.

Sketch lessons on value - 3rd grade  
chroma - 5th "  
complettfield - 9th "

- Jan 22 At Factory 1-3  
Mixed new PG  $\frac{42}{54}$  C and accept PG 32/50  
(figures on separate sheet, 31r)  
YG too yellow  
Deliver 100 sheets (300 charts) to Mr. Howland  
& 21 - for color tree.

- 27 Bailey sends letter & reprint from Miss L.R. Rogers to ask what I think of it. Answer that I am too busy for a controversy, when the premises are tangled by misapprehension and personal bias. Ask him to lunch.

M. stock at Ellis & Co				30.
3400 sheets (3 scales) for Bks & tree	1000 used			
3700 " " " "	3600 "			
2000 flower studies from Mr. E.	1000 "			
Color sphere - frontispiece				
" tree - full page cut				

Mr. Howland will furnish 2000 flower studies for the 3d edition - as an advertisement of his firm.

Jan 28 12-2 Mr. Ernest Haskell (introduced by Mr. 33.  
Vollandigham) 5 Chas. River Rd (tel. 925 Hmkt)  
Comes to see color system, having talked with  
Prof. Pope on the Ross method - preparatory  
to writing a review for the "Nation" of Dr. R's  
new book.  
Uses a glass for red (orange), green (--) and  
cobalt. I show sphere, photometer, charts and  
rotation test.  
Tell of our acquaintance, work together at  
Appledore, and in Venice - unwillingness to use  
my photometric test, and objection that my sphere  
was "not flat". Gradual drift back into the  
pigment theory (R-Y-B) altho' his show at the  
Botolph in 1898 had used R.G.V correctly. My  
feeling that he did not wish physical tests of  
his color preferences and his answer when I showed  
the unbalanced curves for each pigment.  
We lunch at "Victoria" and see Impressionist  
canvases at the Botolph.

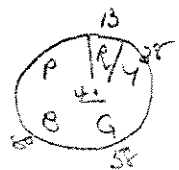
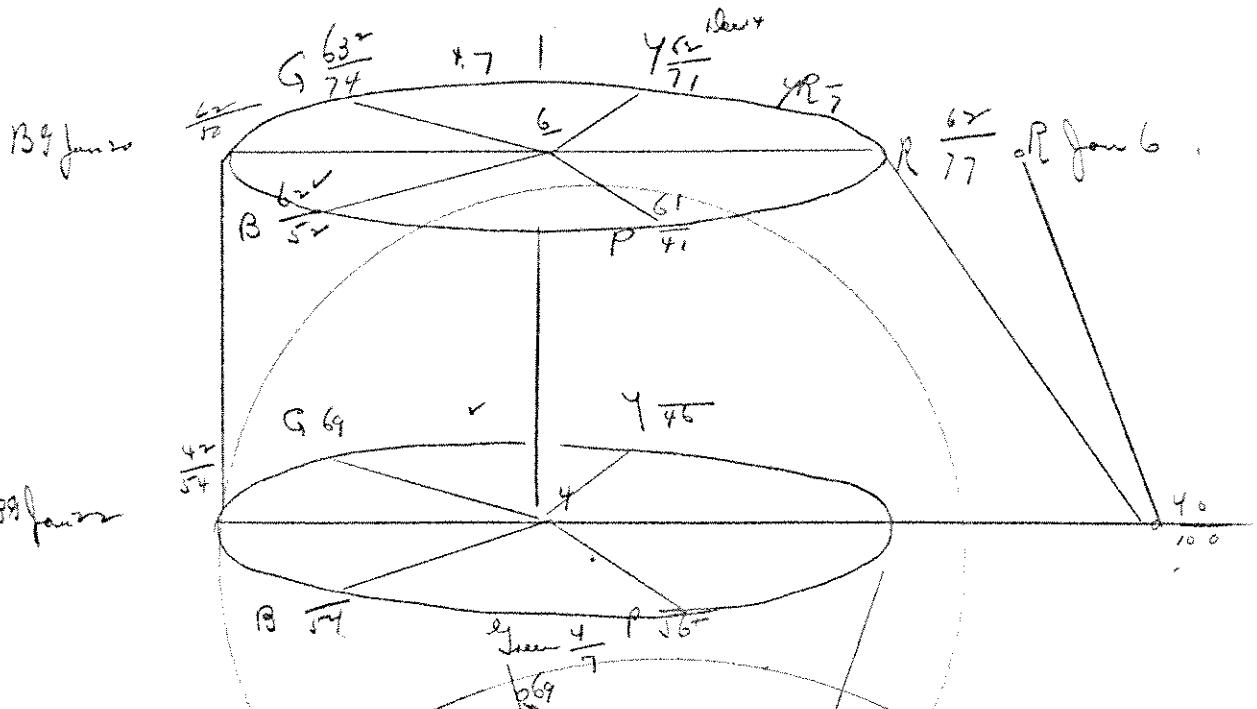
Jan 31 4-5 Miss Margaret E. Hill, Supt. Winchester Schls.  
Hears part of Mss "Color Balance, Illustrated"  
and take it to study. Sees color tree and wants  
a chart for notation. Find green ball just bought  
7/ instead of 5/. Also PB crayon is too gray.  
Wants fine illustrative color for school-room.  
Also contrast with crude examples. Suggest Jap  
prints and mag. covers. Wants papers to make the  
caps. I say teachers can lay a sheet of the five  
water colors and cut out the caps to be pasted.  
Speaks of Getty's color-blindness. I suggest he  
be tested by Dr. Williams. No cure if it is in  
the retina, but improvement if it is apperceptive.  
Asks how teachers can "measure" color. I say  
they can hardly be equipped - but the charts, tree,  
sphere and materials serve to measure for them,  
and so train the judgment.

Feb 5 4 - 5:30 35.  
With Ernest Haskell - 5 Chas. River Square  
Shows his press, inks, paper, tools. Wishes to  
form a class in etching, silver point, engraving,  
etc. Would like to review a third edition of my  
book. Suggests our sketching together in spring.  
Tells of his 3 color filters (aniline) made by  
H. V. Dr. and chemist. Black made from these three  
and white for greys. I ask if his greens are  
satisfactory. He says yes.

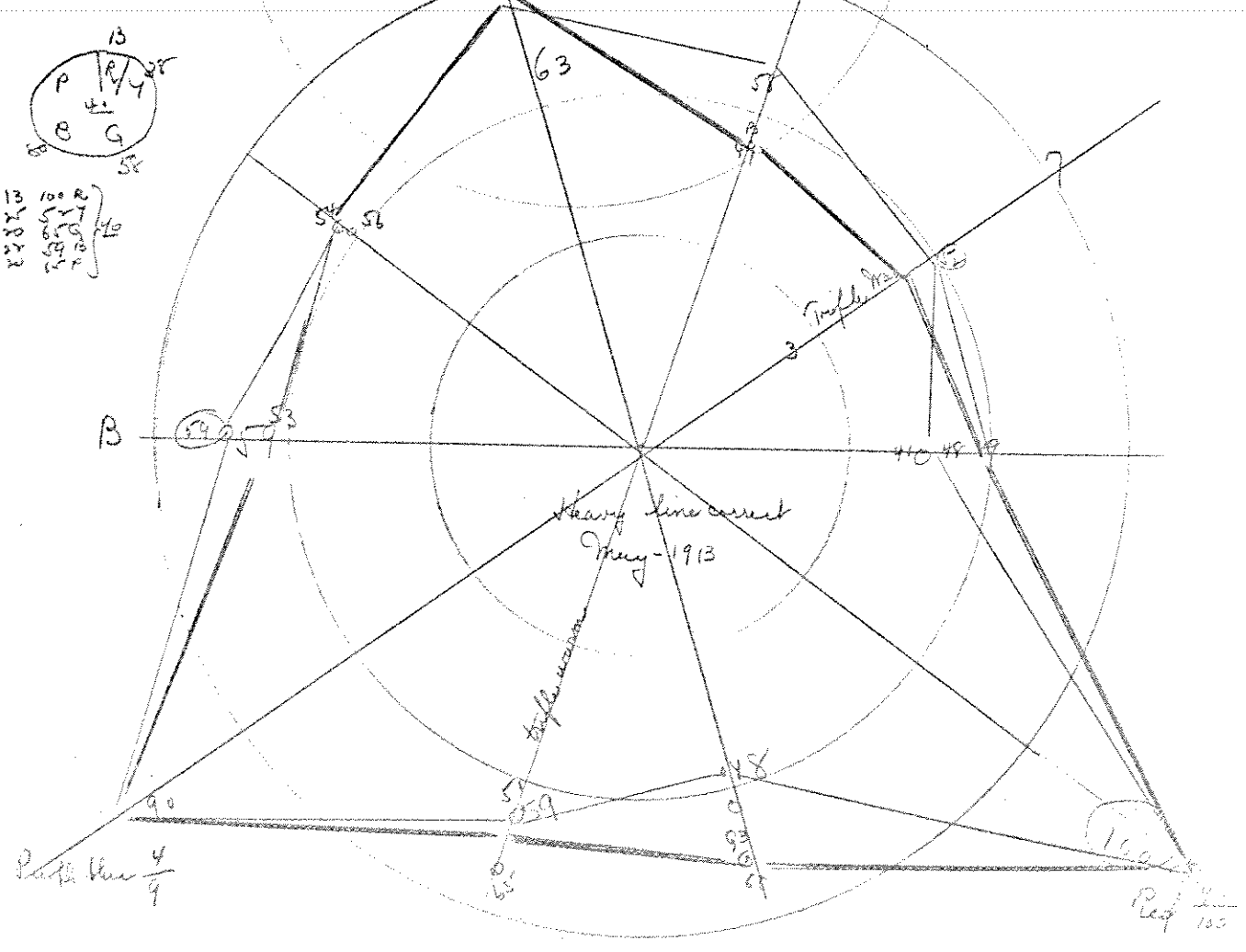
Feb 11 Talked to class (5th grade) in Prince School on  
color - and saw results of Mr. Hipley's music system.  
He says Madden (?) is weak, and with Baldwin's







100 R  
 50 S  
 50 G  
 100 B  
 100 P



Mass 3<sup>rd</sup> class

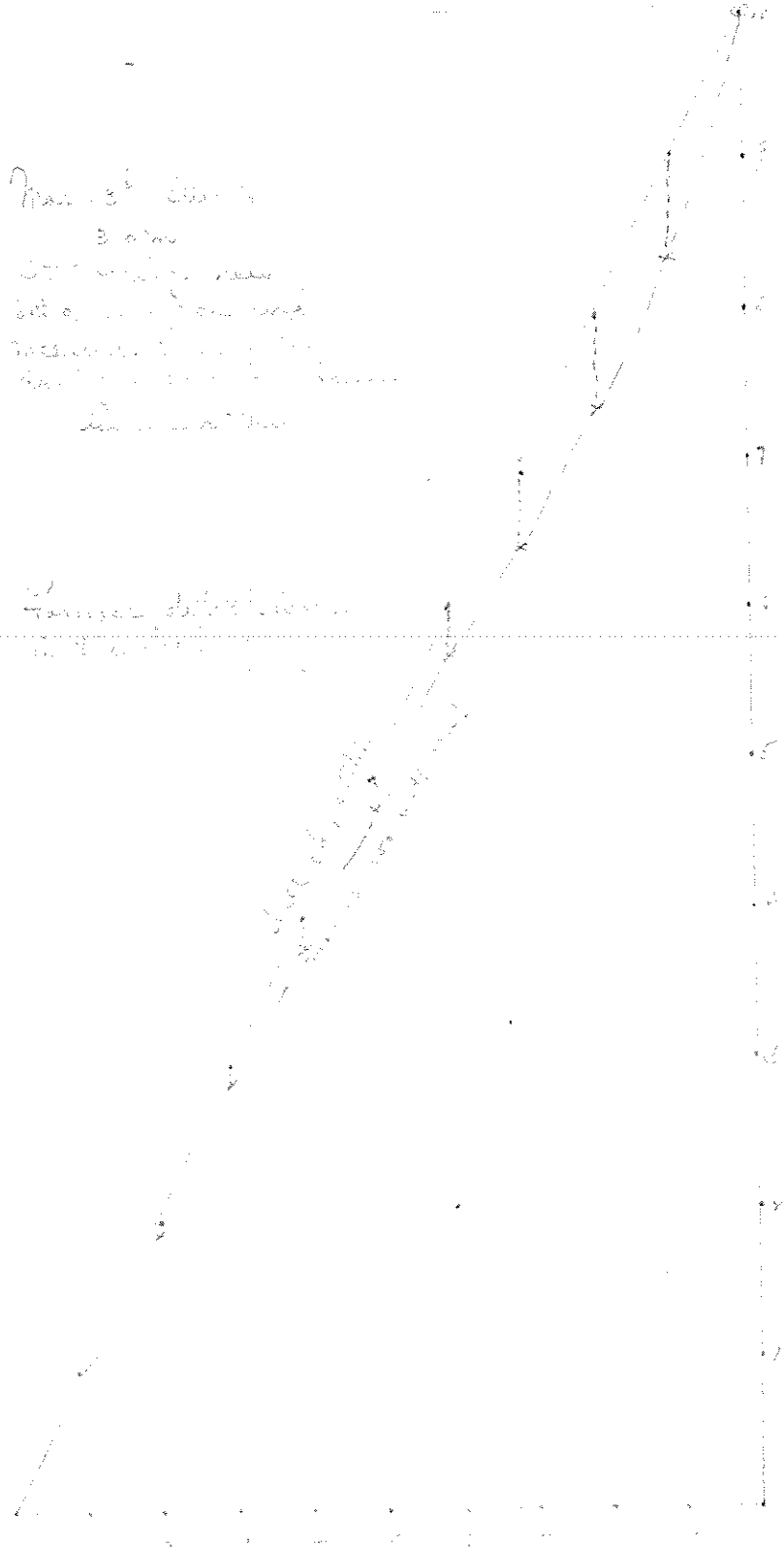
3 miles

OT - ...  
bit of ...  
massive ...  
...  
...

370

Former distribution

...



that out. Says the Prang Co. are buying up everything in sight.

Feb 26 2 - 2:30 Show the Prince School Class the sphere and tree.

Geo. Hannah, Jr., Fitchburg, calls to see photometer after a visit at the New Bedford Rx. School ( Prof. Minckley)

Mar 7 Henry C. Bailey at studio - 3:30 - 4:30 39.

Wants separate names for the intermediates.

YR	C (range )	
GY	Q Quince )	Suggests these as
BG	M Marine )	needed for the child
FB	A Aqua )	
RF	H Heath )	

Also wants me to recognize "Intensity" for Chroma.

Says Dow keeps to it - only using "chroma" once.

~~Would postpone tree for higher grades.~~

Wants to review my new "Color Balance" in the School Arts Magazine, and asks for proof sheets at once.

(Instructed Ellis & Co. to send the proofs for review in School Arts Magazine.)

Thinks Sargent is the leading man in America today and says Frcelich and Bonnie Snow do not count.

Thinks I have acted as if I only was right, and all others wrong; have not treated him or Sargent or Daniels as if they knew anything about the subject; but he will not let me treat him so.

Says the note of confidence by the E. A. T. A. in the Munsell System, enables him to push it in his magazine - only he wants it brought down to the primary grade. Quoted Emerson on truth, as rain, first falling on the heights, and slowly working down into the valleys.

Has never doubted that I was scientifically right - and had established the standard - but had not adapted it to long established habits of color thought.

Mar 8 Wasted four hours!! - because of alternate illumination by escaping steam (yellow-red) and cold north sky (purple-blue). All values distorted. 41.

Mar 11 9 - 9:45  
Mr. Chas. F. Howland to consider threads for color tree and neutral surfaces. Has engaged space at E. Y. meeting (E. A. T. A.) to display the system.

60

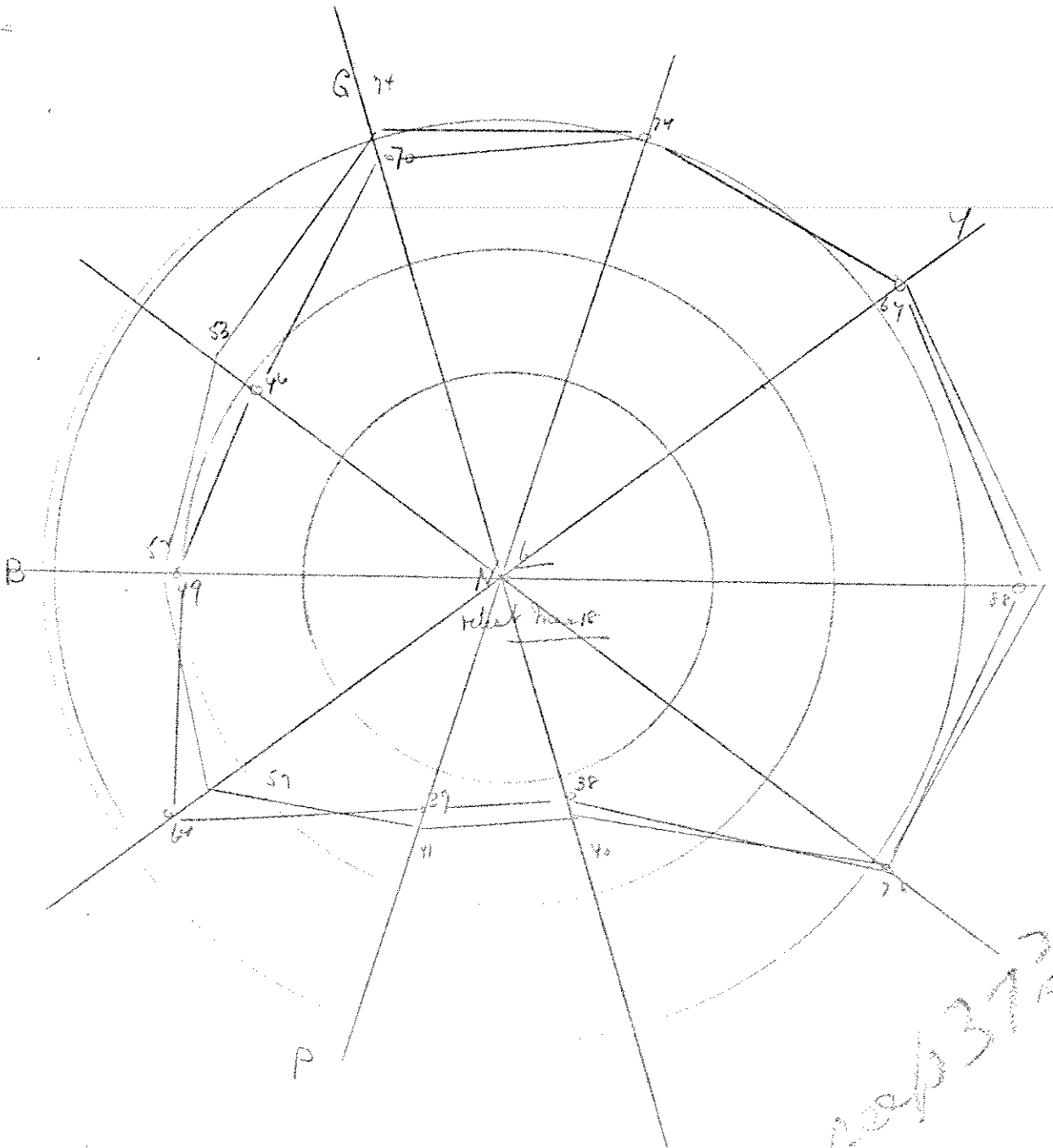
Chart 40

8(76)	R	10	✓ Standard Red
8-	YR	5	50-48
7.2	Y	5	② 41.5
7(84)	GY	5	50
7.2	G	7	③ 90
5-	B <sub>g</sub>	5	54
5.2	B	6	⑤ 56.60
6-	PB	9	10.7
4(36)	P	6	⑥ 55.60
4.2	RP	6	⑦ 55
			⑧ 58

chroma furnished Otto Mar 15-1913

fill to 57 in 10 weeks  
new method may 8

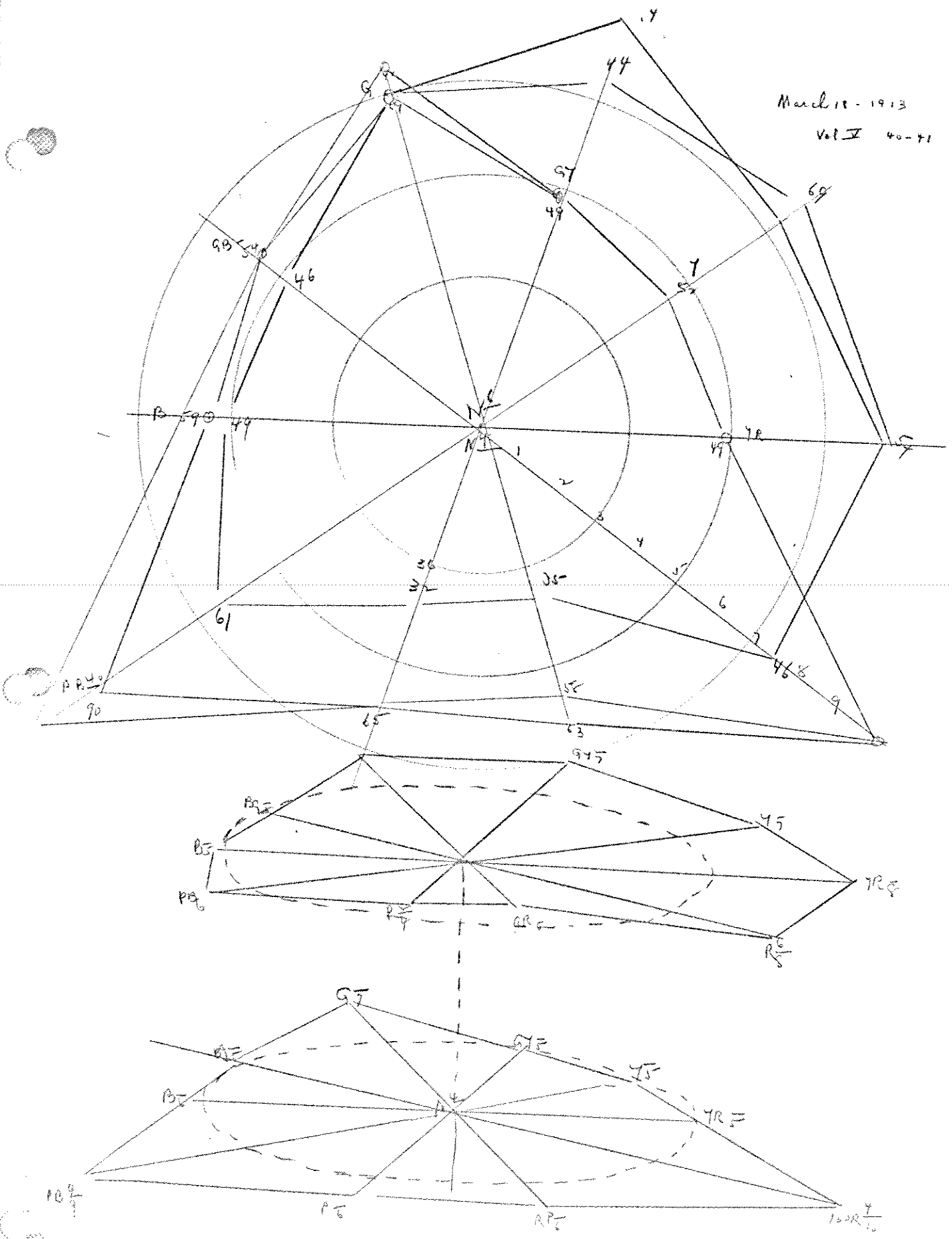
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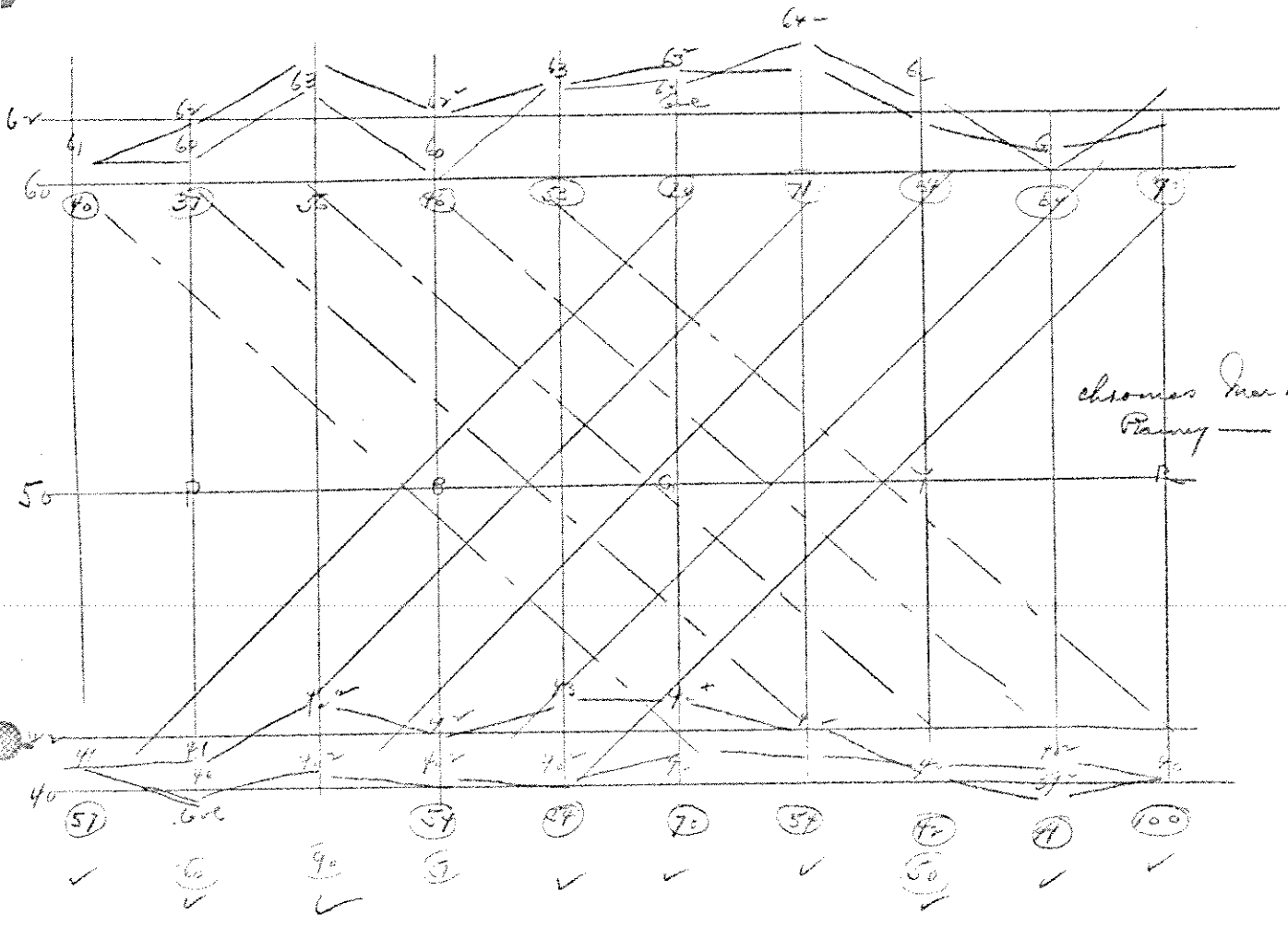


rep 37R

March 18 - 1913

Vol. V 40-71





Show him page proof of the new book and he orders 100 copies. Show him the five vertical charts and he plans new plate for the extra squares to be filled. Show him Bailey's letter - and letters from Prince School children. He takes word to Otto that P 40/ and PB 40/ are too warm.

Mar 15 Sent 5 copies to Cassels, Brock, Kelly and Falconbridge, attorneys, Toronto, Canada, for English copyright - and entry at Stationers Hall. \$5.75 and duplicate bill enclosed. Warned W & H (Putnam) not to issue any of their copies until March 19, the date of publication in Canada and here.

Wrote Bailey to respect the copyright and either use the system in its integrity, with due recognition of the author, or adhere to his popular but faulty color traditions. He had solicited advance proofs of "Color Balance Illustrated" for a review in the School Arts magazine, but used them in a MSS. on art education for Houghton Mifflin & Co. - and said he thought it better to defer the magazine review.

Mar 18 Mr. Brown (Silver, Burdett & Co) at studio and lunch at Tech Club. Says 20% off to jobbers without transportation - or 10% with transportation - when acting as agents, free to return any not sold. Give him advance copy of "Color Balance" also one to Mr. Burchard. 43.

19 Sent copies for review - Took noon train for N.Y. At several meetings of the E. A. & N. T. T. Ass'n in Ethical Culture School - 20-21-22 Returned Sunday p.m. - 23.

25 9 a.m. Mr. Putnam at studio. Allow 40% off on 100 copy lots of Color Balance.

28 Went to N.Y. and sailed (29) on S.S. "Antilles" for New Orleans.

Apr 4-5 In New Orleans - Prof. Woodward, his brother and Mrs. Smith (Gertrude Roberts) entertain me at Tulane, Newcomb - and LaLouisiane. Sail 5<sup>h</sup> 10 a.m. and reach New York, April 10.

Apr 11 Find W & H Co. have taken the last 66 copies of 2nd ed. of Color Notation. Start 3d edition. See Mr. Perkins on train and leave Bailey's letters with him.



April 12 Send Bailey a letter from Mr. Perkins and say a copy of same is sent to Houghton, Mifflin Company. He has "so incorporated the substance of my writings in his article, that their unauthorized publication would constitute an infringement."

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Larger sphere as soon as the laboratory can furnish a stronger blue-green that is stable. 43a.  
Explain that whole steps in the scales of chroma use the nearest fractional step.  
Variability of paints from different makers, - and even different years from the same maker, - base colors vary.  
Why trunk of tree is lengthened, altho' retaining the decimal scale, - since the discrimination of value, seems to permit of it.

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MUNSELL COLOR SYSTEM

43b.

Color Tree, to typify all color relations, measured.

COLOR SPHERE, to prove color balance and furnish a rational basis for color estimate and relation.

DAYLIGHT PHOTOMETER to establish definite color values.

ATLAS OF COLOR, composed of charts made in solid pigment with accurate scales of hue, value and chroma.

PROGRESSIVE PLATES used in small printed reproductions of charts 30, 50, and 70 of the Atlas.

Apr 15

Factory 11 - 1.15

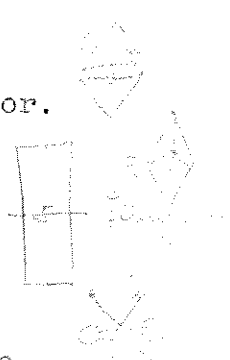
45.

Inspected new dark room - tested photometer-  
arranged for box for travel and lecture work.  
Sent a photometer for the box.

18

National Arts Club - New York - 8:30 - 10.  
Address to Club & Teachers of Domestic Science.  
Introduced by Mr. Wiltse of the Board of Educa-  
tion.

Student experience - Rood's book  
Eye creates color - not the pigments  
Three qualities in every sensation of color.  
Photometer measures V - value  
Maxwell discs " C - chroma  
Spectroscope " H - hue  
Three kinds of balance  
Gray marks the distinguished colorist  
Strong chroma" poster & bill board  
Three fields of application  
Advertising Decorative Picturesque  
town-crier interior vista  
Taste & Measure vs. Fashion



-----  
(asked to continue)

Notation diagram & 3 paths  
Application to thinking color  
foreseeing an effect



- Meet Mr. Wiltse
- Mrs. Vanderpoel 22 Gramercy Pl
- Mrs. E.E. Williams 2263 Sedgwick Ave
- Mr. Clute (Upholsterer) Clifford & Lawton
- Mr. Bezin Pres. ART Students League
- Mr. Lee - Dist. Supt.
- Mr. Collins - Drawing Supt.
- Prof. Taaffe - NY Univ. - Eng.
- Prof. Parrain - Columbia
- Chas. Lamb
- F.S. Lamb (see N.A.C.)
- Mr. Allen & Mr. Cooper
- Mr. Fuller (talks brother-in-law)
- Miss --- & Harbut (Jewelry artists)
- Mr. Crowell -
- Miss Holt - Mr. Uhl (Mrs. Williams' son)

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{Two clippings appear here.} One from the  
Upholsterer of May 15, 1913 regarding "The  
Science of Color" - the lecture delivered by  
Mr. Munsell before the National Arts Club.  
The other clipping is a review of Ridgeway's  
new color book for science showing 1,115 shades.)

Apr 23 Sign new lease of studio - 2 yrs @ \$500. & Mr. W- 47.  
promises not to raise the rent at the end of that  
period. As painters are to wash & retint - I send  
Dr. Miner's portrait (cleaned, revarnished & frame  
regilded) to N.A.S.

Apr 24 With Mr. Howland at 84 Wash. St.  
Tell him that color sheets furnished Andrews,  
Allen & Cooper lack notice of copyrighted system.  
He will have a small stamp made to mark all material  
sent out. Tells of his three years suit on  
trade mark (Bay State "Paints")

Signed new studio lease for 2 yrs. - including re-  
painted walls & ceiling.

May 5 Tested new chromas of R and BG 4/ finding BG has  
gained 2% chroma.

? Is this due to texture or change of base  
or weakening of the standard red?

Red lost 3%

~~The red is too light for its chroma series.~~

May 6 Dr. Henderson to lunch at B.Y.C.  
Malden 3 - 4:30

Test R 4/ & BG in new testing room with Otto.

first chroma with N 4/ must be  
R (Fairbanks made with Venetian red or it is  
Eng. Vermilion) too purple - after that additions  
of Eng. Vermilion will keep the  
red hue from being too warm -

R 42.5 due to adding light Verm. to the Dark Verm.  
97. (This weakens chroma 3%)

BG 4/5.7 is trifle strong.

BG	N	BG 4/5	)	
3	2	4/4	)	
6	4	4/3	)	Powder ratios
4	6	4/2	)	
2	8	4/1	)	
0	10	4/0	)	

Show Otto how to use the mirror at 10 ft. to gain  
visual sensitiveness to color.

May 6 - new tests R 4/ BG 4/ 47a.

R 4/10 becomes 42.5/97.) argues change in red base  
BG 4/5.4 " 40/5.7

- 49.
- May 7 2-3 At N.A.S. with Mr. J. F. Hopkins  
1913 Considered a years' leave of absence - (substitute  
for Anatomy lectures)  
Rooms at school to be re-distributed by subject,  
not by teacher.  
He offers addresses - and will present me to lead-  
ing educators who have been prominent in the congresses  
(Paris-London-Dresden) to whom I may open the new  
color system based on measure.  
Says I could have letters from Harvard, Columbia,  
Inst. of Tech. etc. and would be cordially received.  
Suggest reprint of short, comprehensive address with  
place where system is used, to be translated into  
French and German - for distribution. That the  
moment is opportune - their minds free from the  
last and next conference, Open to suggestions from  
America. That Dow, Hall, Bailey and himself were  
finely entertained and listened to.  
Case to hold examples of results (22 x 28" mounts)  
~~would pass customs as "samples" from a "commis".~~  
Ready for easy exhibition.  
"Take utilitarian attitude - how America reaches  
her best color results in schools and industries: -  
a friendly and helpful attitude towards each other!"
- May 8 Wrote A. S. Allen about infringement of the system  
by his printed menu.
- May 9 Boylston Chemical Club of Harvard - Conant Hall -  
Oxford St. Dine at Dr. Henderson's and then  
walk over - meeting the sec. Mr. Richter and  
Mr. Jones (instr. in ind. chem.)  
Standardization of Color  
Spectral color well standardized  
Pigment color not so - & the theory much  
misunderstood  
(hue  
3 qualities (value  
(chroma latter ignored by public
- Chemistry can define the pigments in chemical  
terms (Greek to the public)  
Chaos of coloring matters leads to efforts at  
classification.  
Rood's book still at the fron after 34 years.  
History of color schemes - personal - impersonal  
Sphere, tree and charts to classify, name,  
measure and record color  
Standards of measure - spectral - chemical -  
optical.  
Dr. E. takes me over to the Colonial Club to talk  
of meeting in London and Groningen.

London -

Paris - Alfred Keller - Ecole Normale (J.B.Sec.) 49a.  
116 rue de la Convention - St. Cloud  
Ed. "Dessin" 15" ----

Guebin Directeur 2 rue Loban  
Mlle. Marie Truffet sec. 65 Bld. Voltaire

Berlin Dr. Ludwig Pallat - Ministre depute for  
Education, Prussia  
4 Unter der Linden Berlin

Zurich Frederick Fritsche Pestatozionum(?) Zurich

Dresden Carl Elsner 2 Hoke Strasse P.O.27 Dresden Saxony

Brussels Dr. Montfort Art Instruction for Belgians

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Aesthetics of color, the artist realm  
(but this involves physics, physiology and  
psychology)

Science of color should underlie <sup>the</sup> art.  
Chemistry of pigments indispensable to permanence.

Desire to find order in the seeming chaos of  
color sensations.  
Classification, - historical sketch.

Prof. Rood's help, influence and criticism.  
His book written 34 years ago still foremost.

Popular ignorance of color dimensions and scales  
Confusion which results - loss of time and material.

3 color Scales (Hue measured in the spectroscope  
(Value " " " photometer  
(Chroma " by Maxwell discs

A color Sphere, Color Tree and Atlas of the Color Solid.  
Charts of unbalanced color - quantitative and  
qualitative.

Records of color: to memorise and reproduce color  
by a NOTATION.

(Boylston Chemical Club, Harvard)  
May 9, 1913.

May 18 Mr. Hopkins telephones that Dr. S- is favorable 31.  
to granting me a years' leave of absence.