

INACTIVE - ALL ITEMS SUPERSEDED OR OBSOLETE

Schedule Number: NC-167-75-001

All items in this schedule are inactive. Items are either obsolete or have been superseded by newer NARA approved records schedules.

Description:

The agency was approved to donate the records to other archival repositories.

Date Reported: 1/2/2021

INACTIVE - ALL ITEMS SUPERSEDED OR OBSOLETE

REQUEST FOR AUTHORITY TO DISPOSE OF RECORDS

(See Instructions on Reverse)

TO: GENERAL SERVICES ADMINISTRATION,
NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON, D.C. 20408

1. FROM (AGENCY OR ESTABLISHMENT)
Department of Commerce

2. MAJOR SUBDIVISION
National Bureau of Standards

3. MINOR SUBDIVISION
Records Management Office

4. NAME OF PERSON WITH WHOM TO CONFER
Philip V. Proulx

5. TEL. EXT.
921-3895

6. CERTIFICATE OF AGENCY REPRESENTATIVE:

LEAVE BLANK	
DATE RECEIVED SEP 23 1974	JOB NO. NC-167-75-1
NOTIFICATION TO AGENCY	
In accordance with the provisions of 44 U.S.C. 3303a the disposal request, including amendments, is approved except for items that may be stamped "disposal not approved" or "withdrawn" in column 10.	
10-4-74 <i>Walter R. Smith Jr.</i> Date Acting Archivist of the United States	

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposal of the agency's records; that the records proposed for disposal in this Request ~~XXXX~~ are not now needed for the business of this agency or will not be needed after the retention periods specified.

8-6-74
(Date)

Philip V. Proulx
(Signature of Agency Representative)

Records Management Officer
(Title)

7. ITEM NO.	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO.	10. ACTION TAKEN
	<p><u>Papers of Dr. Deane Brewster Judd - 1900-1972</u></p> <p>These papers, from 1930s - 1972, are mostly reference and research materials relating to color and vision, created, received, purchased or otherwise accumulated by Dr. Judd of the National Bureau of Standards.</p> <p>Of the approximately 37 cubic feet, most was the personal property of the late Dr. Judd, consisting chiefly of books, journals, reprints of articles and personal correspondence. A small percentage is notes of experiments and official correspondence and memoranda, mostly with fellow scientists, professional societies, committees and journals, lighting engineers, curators of museums and suppliers of equipment.</p> <p>Most of this material is disposable as personal or non-record. It is proposed to declare the remainder disposable and, under the provisions of 41 CFR 101-11-408-3, to donate the entire collection as follows:</p> <ul style="list-style-type: none"> 35 boxes to the Judd Memorial Collection at the Ohio State University. 1 box to the Cooper-Hewitt Museum of the Smithsonian Institution 1 box to the Dept. of Psychology, University of Pennsylvania. <p>All have agreed to a responsible stewardship.</p>		

Copy to Agency 10/10/74 AD.

NBS Records:

Mr. Proulx or Mr. Hale

on 921-2308

~~Miss Maresco X3515~~

(D.N.) INVENTORY OF JUDD COLOR MATERIALS

October 1972- Spring 1973

- Fall 1973 3/18/74 to Mr. Proulx.

Box

No.

1. Misc. #1: ~~Munsell-(old)-glossy,-3-vols,---matte,-2-vols.~~ to Yonemura
Fatepec III 1955
Intl Colour Meeting 3rd Brussels 1959, 6/25-6-7
~~Hellene---Architecture-&-Visual-Perception-related~~
~~papers-and-correspondence~~ to Yonemura
Signal lights
CIE - program, etc. 1955-63
Black body corrections I and II (2 folders)
Judd-Eastman studies
Appreciation of Harry Helson & comments re Flock paper-
Proc. of May 1971 symposium on Adaptation Level Theory
re Judd papers on Experiments in Art and Technology (EAT)
Visual science and the artist - 1969
Color science and the creative building design - May 1, 1969
re Photometry and the eye- for May 1969 NBS Photometry Seminar
mss. c20 on Color measurements in industry
mss. photographs and slides -Constant hue loci, for Driebergen 1971
Folder of notes and catalogue information re color instrumentation
mss - Color vision and colorimetry - and - Three unsolved problems
of color vision
2. Misc. #2: (Most of these concern DBJ mss.)
1972 IES paper - Choosing pleasant color combinations - and
re Helson paper in Applied Optics - corr. and tables
Judd-Nickerson re 1967 NBS report 192673 to MCCo
re Color science and the coatings industry - 1966 spring lecture
Chicago Soc. for Paint Technologists
Maxwell spot
Color spaces: (re Pope discussions 1945)
re: Yellow goggles for night driving - 1956 (court case, DBJ a witness)
Review & comments re Edw. Friel's Trefoil study -Visual perc. for color
and space
Review and corr. - Takasaki - re Chromatic Contrast
re Testing color vision - 1952 mss for chapter of book, requested
by Willmer, Cambridge U.
re paper on physiological optics - and Helmholtz biography
re Reflectometry - terms and symbols
re Natl Academy paper 1965 meeting, Fundamental studies of color
vision 1960-1960
re Paper for Die Farbe of Progress of OSA Com. on UCS - 1965
re Encycl. of Ind. Chem Analysis 1967 - article on Reflectance spectro-
photometry
re Judd-Yonemura paper - 1969 AIC - CIE 1960 UCS diagram and
Muller theory of color vision
3. Misc. #3. re paper Color Appearance for Die Farbe - 1965
c 1945-48 Effect of colored lenses on color discrimination -
with Submarine Base
re TiO_2 - Colorimetry
re Color code for gas cylinders - early 1950s

3. cont'd

- re Color tolerances and the geometry of color space - based on three articles for Sandoz - sent to Color Engineering - Gray Maycumber - Nov 14, 1969 - on suggestion of Eugene Allen
- re Target-Consistency---Judd-and-Yonemura to Yonemura
- re Proposal U.S.-Japanese Seminar -- on UCS systems
- re Vision seminar at NBS 1969 - plus 1966 report of OSA Vision Group
- re Escape of radiant flux through the edge of a transparent plate bounded by plane parallel faces - DBJ
- re Gordon Walls and BBJ:Metameric pairs for dichromatic vision independent of ocular pigmentation
- Russian copy - with Judd notes - re Functions for color mixture-Justov
- Russian translation-Muberg & Justova, 1955 Investigations of color vision of dichromats
- re Units of color difference - 1967
- re Gene Allen - ISCC Problem 18
- Judd's final report ISCC Problem 12
- Judd's report to OSA on ISCC Williamsburg session -Instrumental approaches to colorant formulation
- re Constant hue lines implied by cube-root formula spacing
- Judd Driebergen (1970) paper - and drawings:Perceptually uniform/
- " AIC(Int'l Color Society) - early correspondence (AIC historical?)
- " collection of color slide series (for color difference, etc)
- " diagram - re color vision copunctal points (recent)
- " folder - re spectral & optical properties of tungsten
- " photographs, drawings for various papers, 1930-55
- " correspondence re Gene Allen project for grant "Basic theoretical study of subjective color phenomenon"

- 4. Books - #1)
- 5. Books - #2) Included by author, title, year in Book List, attached.
- 6. Color bibliographies (books) re color definitions, terms, dictionaries

NBS 4/12/73

- 7. Reprint, collection of reports #1 A-7
 - 8. " " " #2 G-J (including DBJ reprints, Set #4)
 - 9. " " " #3 K-M, Mc
- Note: See also
- #39 N-Ss
 - #40 S1-2, Misc
 - #41 NBS authors
- 10. ISCC - NewsLetters & Minutes - bound vols. (5 NL, 2 Min) - (belongs to ISCC)
 - 11. ISCC-NL---unbound-Judd-series,--1955-72 Yonemura
 - 12. Munsell early samples - 70 - 1926 report (Historical material)
 - Hering grays - and report to LeGrand Hardy
 - 13. OSA-UCS studies #1)
 - 14. " " " #2)
 - 15. -IBRI- Yonemura
- Howett

Box
No.

Judd Inventory Color Material :

16. IES-Geler-Gem---Color-rendition-(IES-&CIE) Yonemura
17. CIE-1.3.1---ete--(Geler-Gem) Howett
18. Munsell Foundation hold-for Nickerson
19. Judd Black Notebooks - ^{Box} #1: Miscellany #1 1927-31-39
" #3
" #4
" #5
" #6
" #7
Subject index for bibliography on color blindness
Color standards for television screens
" " " "
" " " "
Armed-Forces - NRC Vision Com.
20. " " " Box #2: Reprints on Land's work
Calibration of color-temperature scales 1964-65
Optics of sugar solutions
Metameric grays - computations
" " Normal and trapezoid matches 2°, 10° function
" " " " " "
" " - Observations on CDC
" pairs of colored samples for testing artificial/ dayligh
Colors of Molded Urea Plastics
Color materials for art education
House and Garden conference
21. " " " Box #3: Artists Oil Paints
Coml Sts - Color
Light-scattering materials (Kubelka correspondence)
ASA Stds for optics
ASTM - D-2 Saybolt
Radiation hazard in museum lighting
Fading by layers
Summation and partial summations
Forms for interpolation to 10ths by the 3rd diff....
22. Vision Com - NRC Com. reports, etc.
23. Correspondence (Misc) 50-72
24. " 44-45 - plus Letters of appreciation - foreign -misc Photos/ at meetings e
25. DBJ's Bibliography card file on Color Blindness

(Above 25 boxes packed at NBS office by dn-October 1972.
At the same time the following material in unnumbered
boxes was distributed as indicated to NBS co-workers.)

*See also
the other boxes
checked with
his list*

to Kelly -(equivalent c. 2 boxes):

Munsell-Foss Color Cascade plus 1968 data
Federal Spec. Colors for Ready-mixed paints #595 - plus corr.
re revision of specs.
Fed Spec colors - 1956 - 2nd copy orig. (HJK)
Army-Navy Aircraft Camouflage Std Colors - 1943
" " " " " " - 1945
Fed Std 595a, Color Vol 1 Text and 1/2 x 1" chips (for desk use)
Munsell Consumer Color Charts (2 copies)
Villalobos Colour Atlas
Munsell Opposite Hues Ed.
Color Card Suppl. to U.S. Army Spec 3-1 (Revised 1943)
US Govt Color Cards
Special Munsell Student Set charts - filled out with D&H dyed woolen series
Munsell Pocket Ed. 1 vol.
Munsell Soil Color Charts, 1954 Ed.
Nickerson Color Fan
TCCA Std. Color Card of America, 9th ed. Recd 6/18/45 -used in TCCA studies
US Army Color Card - 3 copies, with suppl.
Color Chart for sedimentary rocks - Goldman & Marvin (Hoen) (of historical value)

Plus selection of charts from map drawers
and
Lovibond disks (to be given Mrs. Haupt)
plus
Misc. historical and misc. photostats, Ostwald, etc.

to Nimeroff and Douglas - (equivalent 3 boxes):

All: filters
lamps
lantern slides
Takasaki slides
Skinner's Lake)
Spectrum (Bittinger)) pictures -- from wall

to Yonemura - equ. 3 boxes:

Optica Acta
JOSA 1951-72
Optics & Spectroscopy (transl. from Russian)
Color Engineering
File of Munsell samples (8 1/2 x 11 folders) (= 1 box)
1 set Munsell large-scale diagrams
Munsell Book of Color - 5 vols. (removeable samples) 3 vols glossy, 2 vols matte

to Howett - equ 2 boxes:

CIE proceedings
Die Farbe

(Judd material from DRJ home - 12/8-11/72. Dec. 8, 18 boxes packed by DH and Mrs. Judd, Dec. 11, 3 more added. All 21 boxes to DH apartment for sorting and listing - which was accomplished as follows:

to Yonekura 1/5/73

B. to NBS 6/13/73

- | | | |
|-----|---|---|
| 26. | JOSA 1951 - June 1958 |) These JOSA were
picked up 1/5/73
by Gary Yonekura
to file in his
office |
| 27. | " July 1958 - Dec 1963, plus Aug 65, Apr 29, Index | |
| 28. | " 1921-1930 | |
| 29. | " 1931-1940 | |
| 30. | " 1941-1950 | |
| 31. | Books |) Included in book list attached to this inventory |
| 32. | " | |
| 33. | " | |
| 34. | " | |
| 35. | " not listed - Who's Who, etc. | |
| 36. | " IES Handbook; Med. Physics - 3 vols; Handbook Phys. 2 editions | |
| 37. | " included in book list attached to this inventory | |
| 38. | " not listed - German, French, Russian dictionaries, etc. math tables | |

- | | | |
|-----|---|---|
| 39. | Reprint file N - Ss | } See also #7 - A-F
#8 - G-J
#9 - K-M, Mc |
| 40. | " " St - Z, Misc. | |
| 41. | " " NBS authors - Colorimetry and Photometry section authors: | |

A-G
Gibson
H-K

(Judd - Set #4)

Judd, special collection of papers re color vision, adaptation, etc

L-Z (except Priest)

Priest

Out-of-section authors

NBS reports re color projects, history, as follows:

- 1951 Federal Standard: Colors, Aeronautical Lighting
" NBS #1359: re ASA Safety Color Code (Keegan)
1952 " 2006: Gloss measurements of porcelain enameled (Richmond)
" " 2012: 16 filters for Union colorimeter scale (Schleter)
1953 " 2254: Radiation hazard of museum light sources (Judd)
" " 2704: A colorimeter for pyrotechnic smokes (Himeroff-Wilson)
" " 2805: re field evaluation of " " (Judd-Balcom)
" " 2935: Supplement I to #2012 (Schleter)

41.-contd

- 1954 NBS #3773: ...Color of maximum contrast-aerial reconnaissance (Judd)
 " " 3774: Detection of objects from photographic transparencies (Judd)
 " Metropolitan Museum of Art: re deterioration effects of...light sources (Harri
 " NBS - : Optics & Metrology Div: History, statistics, activities (189 or)
 1955 NBS { 3773
 3774 — 3 reports bound together
 4203: Chromaticities exhibiting maximal contrast (Judd)
 " " 4295: 17 glass filters - re Union color scale (Schleter)
 " " 4296: re " " " " " (Schleter)
 1956 " 4344: re 16 glass filters from Tintometer re Union (Judd-Balcom)
 " " 4890: re Luminance standards for 3 color phosphors in TV (Burns)
 1958 " 5905: re visual range of flashing lights -BuAeronautics (Field lab.)
 " " 6227: re ASA history, functions, etc. (Snider)
 1959 " 6412: IBM 650 Computer program (Schleter-Monard)
 " " 6613: I M 704 " " " "
 1964 " 8626: Status - re Infrared optical measurements (Metrology Div)
 " " - : Report on revision of color definitions ASA Safety Code (Kelly-Keen)
 1967 " 9052: Status 8/13/66 Infrared optical measurements (ed. Keegan)
 1968 " 9621: Infrared optical measurements- status 6/30/67 (ed. Schleter)
 " " Memo: re Color contrast of net-quality statements (Judd to Chisolm)
 " " 8-pp : re R-G differences relative to Light-Dark as function of
 angular subtense of observing field (Judd)
 " " 9845: re fading of AATCC L-4 std and NBS SFH (Wood, Shouse, Passaglia)

Miscellaneous Reprints and Publications:

42. Scientific Papers on Color Blindness: George Wilson, Researches on Colour
 Blindness, 125 pp., with supplement, 127-180, 1854 (photostatic copy in binder)
 Scientific Papers on Color Blindness: General - includes papers by v. Heilmann,
 1932; v. Hessel, 1894; Mary Collins (early 1930s, Brit. J. Psychology);
 Geo. L. Collins, Public Health Bulletin 92, 1918; Joseph Henry, Princeton
 Review, July 1845; Louis Bell, Proc. Am. Acad. Arts & Sciences, 1914; W. Watson,
 Proc. Roy. Soc. A, Vol 90, 1914; W. de Abney and W. Watson, Proc. Royal Soc. A,
 Vol. 89, 1913; R. J. Shuffeldt, The Medical Record, Mar. 24, 1883; Samuel P. Hayes,
 Am. J. Psych. 22, 396-407, 1911.
 Federal Specifications on color; typically:
 1937-38 cloth, textiles
 1959 DDD-F-416b (superseding 1938) Flag, national, U.S.A. and Flag, Union Jack,
 amendment Nov. 2, 1960; Int. amendment Oct 16, 1961
 1938 - etc. goggles, turmentine, etc.
 1935 - enamel, water resisting - etc.
 1940 - paint, cold water - etc.
 1937 - paints - oil, interior - etc.
 1935 - paint - priming, etc.
 1945 - paint - ready mixed - int'l orange - etc. etc.
 1934 - lubricants - etc.
 Madrid 1953 Conference on Vision - 3 copies - (Coloquio Sobre Problemas Opticas
 de la Vision): Union Intl de Physique Pure et Appliquee - at Instituto de
 Optica "Daza de Valdes" - 150 pp. Papers in language of authors (LeGrand,
 Stiles, Granit, Wald)
 Acta Chromatica: (Publ. in English by Color Science Assn of Japan)
 Vol. 1, - 1-5 (1962-67)
 2, 1, 2 (1969, 1971)
 J. of Color and Appearance (editor, S. Gray Maycumber, publ. by Gordon & Breach
 Science Publ. (London):
 Vol. 1, 1-2 (1971), 3-6 (1972)

42.-contd

Palette (Published by Sandoz, Basel, in 5 languages)

Index: No. 1 - 1959 to No. 30 - 1968

Nos. 1 - 5 (1960 - in English);

8 - 9, 11 - 15, Special Expo '64, 18 - 28,

29 (English, plus French, Italian, Spanish),

31 - 39 (1972)

(Includes Juddpapers in 10 (1962), 29, 30 (1968), 31 (1969)

ISCC Reports and Symposia

1939 Color Tolerances; Am. J. Psych. 7, 383-418

1940 Kelly - re Color Names; Natl Formulary Bull. 8, 11 -

" Spectrophotometry in the Pulp and Paper Industries; Techn Assn Papers 23, 473 - 525, June 1940; and TAPPI Section Paper Trade J. 111, 10 et seq. Sept-October 1940

" Symposium on Color; Illum. Eng. 36, 295-399

1941 Color standards and measurement; Bull. Am.Ceramic Soc 20, 375-411

" Report on activities of ISCC by Evans; J.Motion Pict. Engin. 37, 292-306

1942 Color in Art Education; J. Opt. Soc. Am. 32, 698-726, plus mimeogr. papers

1944 Ostwald symposium; JOA 34, 353-399

" Small Color Differences; JOA 34, 353-399

1947 Symposium on color; TAPPI, Techn. Assn Papers 30, 442-90; Paper Trade J. 125, 2 et seq. July-Dec 1947

" Symposium on color; Am.Ceramic Soc (Design Div), AmCerSoc Bull. 27 (2) 43-63 (5) 185-87 (1948)

1948 Symposium on color; Soc Motion Pict Engin J. 52, 156-210

1949 Color Seminar of 1949 A.I.A. Convention; Bull. of A.I.A., 25-39, July 49; 41-46 Sept 49; 39-44 Nov 49; 23-25 Jan 50, J of A.I.A. June, July 1949. Pound copy.

1949 The ISCC Comparative List of Color Terms, pp x, plus 94, S.M.Newhall & Josephine G. Brennan

1950 Current activities of ISCC; by E.I.Stearns, Am Dyestuff Reprtr, Feb 20, 1950

" Color as used in architecture, design, and decoration - arranged by ADI, AIA, AID, SDI - bound copies published by ISCC

" Fundamental approach to color in design, by Isay Balinkin, Electrical Mfg, Nov, 1950

1952 Symposium on color difference specification; ASTM 56 page report

1953 Colorimetric specifications of Munsell repaints; Nickerson, Tomaszewski, Boyd, JOA 43, 163 -171

1954 ASTM symposium on color of transparent and translucent products; ASTM Bull. 201,202 (1954)

1955 Symposium by com. of Illum Engineering Soc; Reprints of 4 papers

" Survey of color specifications; subcommittee #7 report, Walter Granville, chairman (publ by Natl Paint, Varnish, Lacquer Assn)

Galley of 2nd ed. Judd book (Judd and Wyszewski)

43. Judd publications and reports - Set No. 1. - With check list of over 150 Judd publications provided as index.

44. Judd publications and reports - Set No. 2 - With check list of over 150 Judd publications provided as index; Set No. 3 ^{sent} to U.S.R (Brynton - f.cvs)

45. Judd publications and reports - Extras: 1921 - 1932; with check list

46. " " " " " 1933 - 1970s; " " "

47. File of Munsell and other experimental color papers

48. Misc. - files on Judd's desk Oct. 1972 / ^{etc.} ~~see list attached.~~

on 2/15/73

LIST OF JUDY'S COLOR BOOKS

Abbot, Arthur G. The Color of Life 294 pp 1947

Altman & Dittmer Environmental Biology 694 pp 1966 (to Yonemura)
(compiled and edited by)
ASTM Symposium on Color 79 pp Mar 5 1941

Benson, W.M. Jr. A Quantitative Study of Simultaneous Hue Contrast
(doctoral thesis under Harry Helson at U of Texas)
307 typed pp Jan 1964

Bergmans, J. Seeing Colours 80 pp (Philips Techn Library) 1960

Besancon, Robt M. (ed. by) Encyclopedia of Physics 832 pp 1966 (DBJ contrib- color)

Billmeyer & Saltzman Principles of Color Technology 181 pp 1966

Birren, Faber Color Dimensions 57 pp (Crimson Press) 1934

" Functional Color 124 pp " " 1937 (Reviewed NL 60)

" Monument to Color 97 pp McFarlane, etc. 1938

" (Lang, Martin) Character Analysis through Color 80 pp (CrimsonPr) 1940

" The Story of Color 338 pp (Crimson Press) 1941

" Selling With Color 244 pp (McGraw-Hill) 1945

" Color Psychology and Color Therapy (dedicated to DBJ)
284 pp (McGraw Hill) 1950; 302 pp 1961

" Moses Harris (facsimile) ¹⁷⁷⁶ (Whitney Library of Design) 1963

" Thomas Sully's Hints to Young Painters (Reinhold) 46 pp 1965

Bouma, P.J. Physical Aspects of Colour 312 pp Engl.transl. 1947

Burnham, Hanes, Bartleson Color: A guide to basic facts and concepts 249 pp 1963

Bustanoby, J.H. Principles of Color and Color Mixing 131 pp 1947

Carr, Harvey A. An Introduction to Space Perception 413 pp 1935 (Bittinger) ^{from}

C.I.E. Publication No. 13, Method of measuring and specifying
colour rendering properties of light sources - 34 pp 1965

" Publication No. 15, Colorimetry - 124 pp 1971 (Wyszecki)

" Publication No. 17, Int'l Lighting Vocabulary 3d-359pp 1970

Color Science Assn, Japan Handbook of Color Science (in Japanese) 1087 pp 1962 (or bet

Dagher, M- L- Contribution al Estudio del Mecanismo del Fenomeno de
la Vision - 2 vols - 1 of tables - 68 pp, 12 tables-22 figs
(doctoral dissertation - in Spanish)
Ditchburn, R. I. Light 2d ed 333 pp 1963 (1st ed 1952)

Dunn, Stuart Thomas Design and Analysis of an Ellipsoidal Mirror Reflectometer
(Ph D thesis Okla State Un) 176 pp May 1965
(Joe Richmond his research advisor)
Dvorine, Israel Analytical Refraction and Orthoptics 3d ed 173 pp 1948

Evans, Ralph M. An Introduction to Color (autographed) 340 pp 1948

Evans, Hanson, Brewer Principles of Color Photography 709 pp 1953

Evans, Ralph M. Eye, Film, and Camera in Color Photography 410 pp 1959

-- Farbenmetrik 38 pp (Geigy) 1962

Faulkner, Waldron Architecture and Color 146 pp 1972

Gardner & Sward Physical and Chemical Examination of Paints, Varnishes,
Lacquers and Colors - 10th ed 652 pp 1946

Goethe Theory of Colours - transl from German with notes by
Eastlake - Photoprint of 1840 ed 423 pp

" Teoria de los Colores 466 pp transl. from Zur Farbenlehre
by Pablo Simon - Buenos Aires - 1945 (from Dr. Otero, 1969)

" Theory of Colours - Intro. by DBJ - (Eastlake ed.)
MIT Press 423 pp 1970

Graham, C.H. et al Vision and Visual Perception 637 pp 1965

Grant, Vernon W. Psychological Optics 240 pp 1938

Glasser, Otto (ed) Medical Physics - 3 vols. DBJ contri. Vol I 1744 pp 1944;
Vol II 1227 pp 1950; Vol III 754 pp 1960

- C Hardy, A.C. (MIT) Handbook of Colorimetry 87 pp 1936 (autographed)
- Haupt, Geraldine W. Glass Limit Standards deposited at NBS for Railway, Highway, and Airways Traffic Signal Colors - History, Permanence and Colorimetric Properties - NBS Technical Notes 564 - 121 pp June 1971
- Haupt, Schleter & Eckerle The Ideal Lovibond/^{Color} System for CIE Std Ill. A and C shown in three colorimetric systems NBS Technical Note 716 115 pp April 1972
- Helmholtz, H. von Physiological Optics - transl. from 3d German ed. by Southall (for OSA) Dover ed. (unabridged and corrected copy of OSA's 1924 ed.) in 2 vols. Vol. I - 962 pp, Vol. II - 734 pp 1962
- Helson, Harry (Kansas State Univ) Adaptation-Level Theory - an experimental and systematic approach to behavior 732 pp 1964
- Helson, Harry (dedicated to) Ed. by M.H. Appley (Graduate Sch., U. of Mass.) Adaptation-Level Theory, a symposium 346 pp 1971 (Academic Press, NY and London)
- Henderson, S.T. Daylight and Its Spectrum 277 pp 1970
- C Hering Lehre vom Lichtsinne (photostat) -NBS-IGP (to Kelly)
- Higgins, Tracy Color Digest 40 pp
- Houstoun A Treatise on Light 466 pp 1915
- I. E. S. Lighting Handbook 3d ed 25 chapters, each paged (1959)
- Imperial Chem. Industries Colour - a collection of papers from I.C.I. 1940-48 Dyestuff Div. Vickerstaff, et al. 119 pp Jan 1950
- ISCC Proceedings 1971 Papers on Optimum Reproduction of Color, Williamsburg, Va. ed. by Pearson, RIT conference Jan 31-Feb 3, 1971 236 pp 1971
- ISCC Symposium Color Problems in the Graphic Arts 147 pp 1959
- Interchem The Color Tree 47 pp pamphlet (from Isay Balinkin)
- ISCC-NBS ISCC-NBS Centroid Color Charts - Std Sample No. 2106 NBS Supplement to NBS Circ. 553
- C Jacobson, Egbert Basic Color 207 pp 1948 (with letter from author)
- Japan Color Research Inst. Chart System of Color Names 6 color charts, 31 pp - description and listing of names in English and Japanese, with 78 pp booklet in Japanese - boxed - tribute to Dr. Wada

Jayle-Oiergaud-Basinger, etc. Night Vision 408 pp Engl. ed. 1959
Intro. by Duke-Elder

Judd, D.B. Color in Business, Science and Industry 401 pp 1952 (author's copy)

Judd and Wyszecki " " " " 2nd ed. 500pp 1963 "

" " " " " " " transl. by Motoaki into
Japanese - Tokyo 1964

Kelly, K. and Judd D.B. The ISCC-NBS Method of Designating Colors, and a Dictionary
of Color Names 158 pp (with Suppl- ISCC Centroid Color
Charts - NBS Std. Sample #2106) - NBS Cir 553 1st ed 1955

" " " 2nd ed. 158 pp May 1 1965

Keyser, Georg Wilhelm Über Wertung angeborener Fehler des Farbensehens - 174 pp
plus 2 plates Oslo 1943

Koenigsberger, Leo Herman von Helmholtz, a biography - transl. by Welby -
Dover ed (replication of 1906 Oxford ed.) 440 pp 1965

Kohlrausch Tagessehen, Dämmersehen, Adaptation mit 20 abbildungen -
pp 1500-1594 Springer, Berlin 1931 (Priest copy)

Kolthoff, Elving Treatise on Analytical Chem. Part I Theory and Practice -
Vol. 5 Chapt. 56 Principles of Light Scattering, Billmeyer
Chapt. 57 Specification and Designation of color - Judd and
Nimeroff - Wiley - --pp 2707-3346 1964

Krinou, E.L. Spectral Reflectance Properties of Natural Formations -
(Aero Methods Lab - Acad Sci USSR - paper bound typed copy
268 pp 1953

Kries, J. von Über Farben-systeme-(photostat of paper) Zs für psych. u physiol.
der sinnes vol 13, pp 241-324 1896/7

Ladd-Franklin, Christine Colour and Colour Theories 287 pp 1929

LeGrand, Yves Optique Physiologique (paperbound) 3 vols.
Tome Premiere - La Dioptrique de l'oeil 356 pp 1946
" Deuxieme - Lumiere et Couleurs 490 pp 1948 (?)
" Troisieme- L'Espace Visuel 391 pp 1956

LIFE Editors Light and Vision 200 pp 1966

Linksz, Arthur, MD An Essay on Color Vision 254 pp 1964

- C MacAdam, David L. Sources of Color Science 282 pp 1970
(selected and edited by)
- Mattiello, Joseph J.(ed) Protective and Decorative Coatings - Office of Genl
(U.S.Govt) Plastics Section -Military Planning Div. 349 pp
Chapt. 17A - by DBJ pp 241-257
- Mees, C.E.K. The Photography of Coloured Objects 69 pp 1913 (orig 1909)
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Wyszecki, G.	Farbsysteme	144 pp	1960	(autographed)
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DEANE BREWSTER JUDD

1900 - 1972

Publications, reports and
biographical information

compiled 1973/74
by D. Nickerson

The attached list of publications, reports and biographical material is based on one found in Dr. Judd's files, one he had started by listing papers according to publications. They are compiled here by date in the hope that a complete listing may one day be possible. They are numbered for convenience, and for use as an index for a file of his papers.

Not included are a great many items by or concerning Dr. Judd published in the ISCC Newsletter. These began with Newsletter number 1, October 1933 - an item concerning adoption of the 1931 CIE Standard Observer for Colorimetry - and ended with his review of MacAdam's Sources of Color Science in numbers 217 and 222, 1972-1973. In the intervening years there was much of interest contributed by Dr. Judd.

Included are abstracts published in the Journal of the Optical Society of America of papers given before that Society that we do not find subsequently prepared for publication.

If any reader knows of a Judd paper that is omitted, please provide a complete citation to Dorothy Nickerson, 2039 New Hampshire Ave., NW, Washington, D. C. 20009, for inclusion in a later draft.

Copies of this list are made available through the cooperation of Hunter Associates Laboratory, Inc., where copies of an earlier list were also typed and replicated.

January, 1974

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2. Physical characteristics of complementary pigments. Thesis presented for M. A., Ohio State Univ. 28 pp (1923).
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4. The spectral energy distributions produced by rotary mixing of complementary papers, J. Opt.Soc. Am. & Rev.Sci. Instr. 9, 95-111 (1924).
5. The probabilities imposed by the scoring system of modern lawn tennis, 17 pp + 3 figs. (Mss.) (1924).
6. Chromatic visibility coefficients by the method of least squares, J. Opt.Soc. AM. & Rev.Sci.Instr. 10, 635-651 (1925).
7. Telephone plant value: The relation between the number of telephone subscribers and the plant value of Ohio telephone companies (with C. A. Wright), Bull. Ohio.State Univ.Engineering Experiment Sta.Nr. 32 (1926).
8. The computation of colorimetric purity, J. Opt.Soc.Am.& Rev.Sci.Instr. 13, 133-154 (1926).
9. A quantitative investigation of the Purkinje afterimage,
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12. Purity and saturation, a saturation scale for yellow, Munsell Research Laboratory and Bureau of Standards. (A) JOSA & RSI 14, 470 (1927).
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14. Saturation of colors determined from the visual response function, Bur. Standards. (A) JOSA & RSI 16, 115 (1928)

15. Sensibility to color change determined from the visual response functions; extension to complete and partial dichromasy, Bur. Standards. (A) JOSA & RSI 16, 115 (1928).
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