ISLAND GOVERNORS

GOVERNOR OF HAWAII
REGISTER OF BRANDS
1888 - 1892

SERIES: 68

Register

of

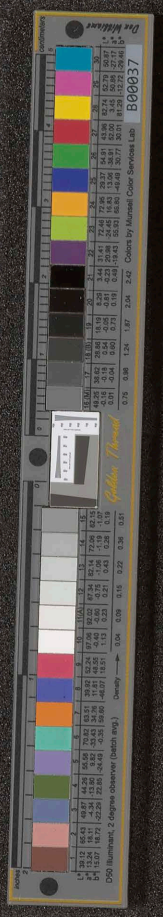
Brands

Island of Hawaii

under

Section 19 Chapter 35
Laws of 1888.

Golden Thread
Don Williams
M000408



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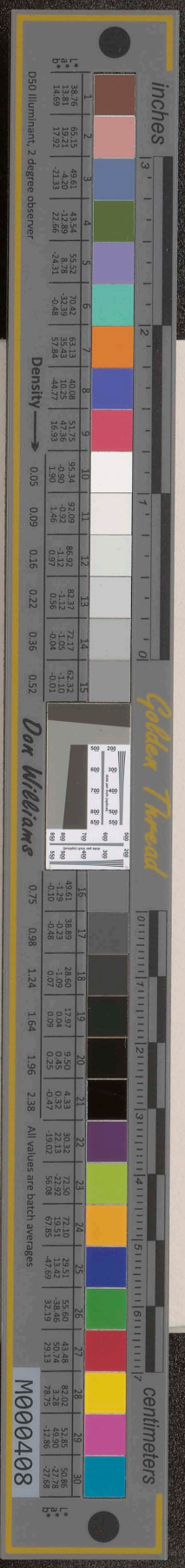
Golden Thread
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
Don Williams
M000408

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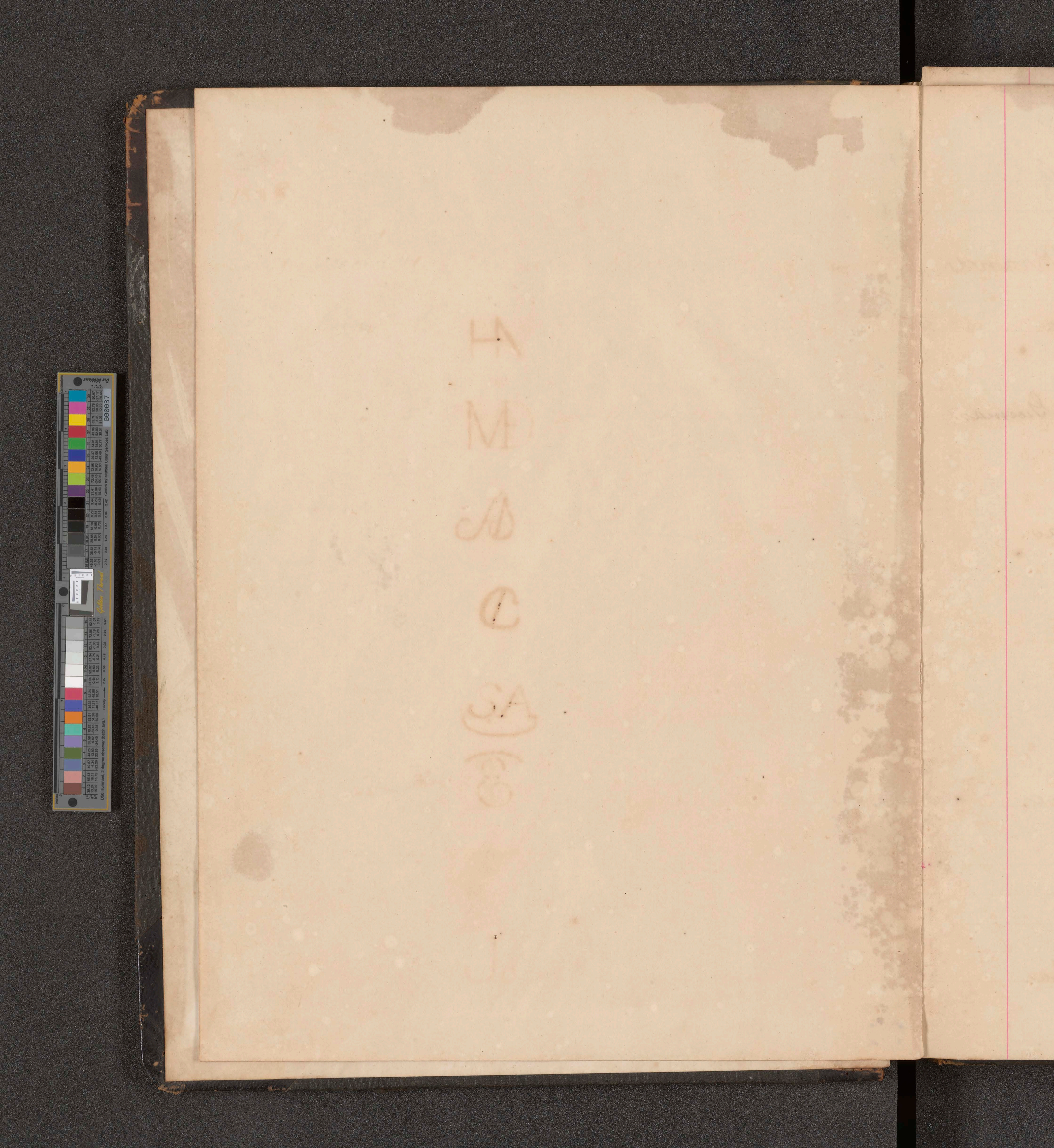
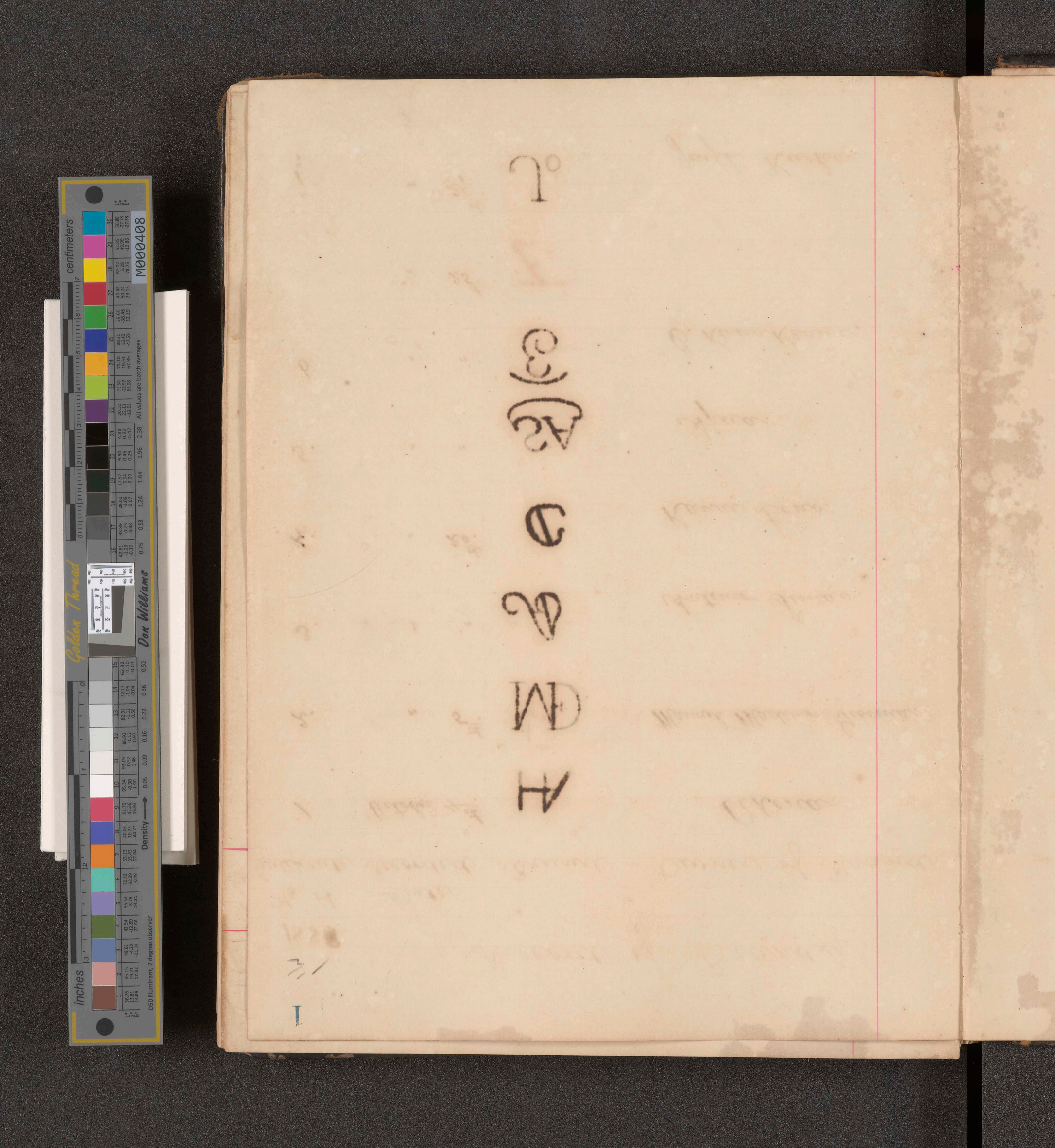




Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408

Record of Brands.

1888

No of Certificate	Date Recorded	Brand	Owner of Brand
1.	October 4th.	HA	Akona.
2.	" 5th.	MD	Manuel Madeira Gusmao.
3.	" "	A	Antonio Simao.
4.	" 20th.	C	Kanae Lono.
5.	" "	SA	Apua.
6.	" "	E	E. Kanakeawe.
mm.	" 25th.	old Brand. 2360	William Bohm.
7.	" 29th.	Jo	Joseph Kuoha.

Island of Hawaii.

Fee	Location &c.
$1.00	Waimea. S. Kohala. Hawaii.
1.–	Paauhau. Hamakua. " "
1.–	Kukaiau. " " " "
1.–	Kapapala Kau. " "
1.–	Mahukona. N. Kohala. " "
1.–	Kamaoa. Kau. " "
1.–	Hilo. transferred to James Mills.
1.–	Hookena. S. Kona. Hawaii

Record of Brands.

No. of Certificate	Date Recorded.	Brand	Owner of Brand.
8.	November 2nd.	A	Ah Pang ch
9	December 6th	h	Kahiu
10.	" 15th	C J.	Akina ch
1889			
11.	1889 January 17.	SV	Waiono. K
12.	" 29.	AJ	A. K. Jones.
13.	February 8.	C–	Akina ch
14	" 18	Z	Henry Kaauwa
15	" 28	EW	Ellen Wahinuaukai

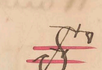
Island of Hawaii.

Fee.	Location		
*1.–	North Kohala.	A	Hawaii.
1.	Waimea	S. Kohala	"
1.	Kainaliu	N. Kona.	"
1.	Puuwai.	S. Hilo	"
1.	Kahuku	Kau	"
1.	Kainaliu	N. Kona	"
1.	Hookena	S. Kona	"
1	Honokaa	Hamakua	"

No. of Certificate	Date Recorded	Brand	Owner of Brand	Fee		Location.	Residence	State.
16	February 28.	W T	Henry Pundy	1		Paauhau	Hamakua	Hawaii
17	March 8		A. P. Maranha	1		Kaawaloa	S. Kona	Hawaii
18 Duplicate of 1251 1879	March 8	Ki reregistered	A Ki ✓	1		Hilea	Kau	Hawaii
19.	March 11th	HL	Hannah Lincoln	1		——	N. Kohala	"
20	" "	BL	Becky Lincoln	1		——	" "	"
21 (305) new	" 19	W.	Waipa	1		Kapauhu,	Puna	"
22	April 2	H	E. K. Kaha	1 00	See # 255 of 1857.	Kailua	North Kona	Hawaii-
23	" "	SK	Kahanakuamoo	1 00		Kailua	North Kona	Hawaii-
24	" "	X	Union Mill Co	1 00		Puehuehue	North Kohala	Hawaii-

No. of Certificate	Date Recorded	Brand	Owner of Brand	Fee	Location Residence &c.
25	April 3	S-L	Serophin Lopez	1	Kaee N. Kona Hawaii
26	" 3	P	G. M. Paiwa (K).	1	Kohanaiki N. Kona Hawaii.
27	" "	K	J. P. Kailinana (K)	1	Honokahau. N. Kona Hawaii
28	" "	K	M. Keoki	1	Kalaoa N. Kona Hawaii
29	" "	M	Miss Maria ~~Kalaoa~~ Hakeamu	1	Kalaoa N. Kona Hawaii
30	" "	H	Haleamu (K)	1	" " " "
31	" "	I.Z	K. Zatalia (K)	1	" " "
32	" "	M	Kemahaluae (K)	1	" " "
33	" 4	Old Brand no. 819 H3	Kahixku	1	Kaloka, N. Kona. Transferred to J. W. Haau. Kaloka. N Kona
34	" 6	B	S. Kaholo	1	Hilea, Kau.
35	" "	S X	Danilae Nakanaela	1	Naalehu Kau
36	" 30	Y	Lam Hoo	1	Papa S. Kona.
37	" "	Y	Ah On	1	Honaunau S. Kona.
38	May 1	Old brand no 2407 AF	Joan Rodrigues Figuera	1	Waiohinu Kau Transferred from Antone Francisco
39	" 8	G	José Gouvea		Honokaa, Hamakua
40	" 11	reregistered	Samuela Mao	1	Pahala Kau. Copy of Brand #354 issued to Kiope

1889

No. of Certificate	Date Recorded	Brand	Owner of Brand	Fee	Location	Residence	etc
41	May 14		Geo. F. Renton	$ 1.00	Kukaiau	Hamakua	
~~42~~	~~May 15~~	~~B~~	~~Francisco Souza~~	~~1.00~~	~~Waiakea~~	~~Hamakua~~	~~Hilo~~
42	May 16		Francisco Souza	1.00	Waiakea	Hilo	
✓43	May 18		Manuel Freitas de Nasiment	1.00	Honokaa,	Hamakua,	Hawaii
44	" 20	ARF	M. R. Freitas	1.00	North Kohala,		Hawaii.
45	June 15	E.B.	Geo. F. Easley	1.00	Keauhou	Kona	"
46	" "	BT	Ben Tenorio	1.00	Kahalui	N. Kona	"
47	" 25	J G	Joseph J. Gouveia	1.00	Koaavaloa	Kona	"
48	" 25	D	John Gouveia	1.00	"	"	"
	Remitted July 1st to Finance Dept.			38.00			
49	Aug 7	OR	Manoel Raposa	1.00	Halaula	North Kohala	Hawaii.
50	" 26		Mrs Kaai	1.00	Pakolea	"	"

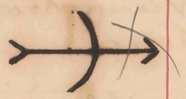
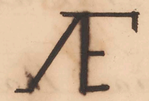
1889.

No of Certificate	Date of Certificate	Brand	Owner of Brand	Amt pd.	Ear Mark.	Residence &c.
51.	1889 Sep 1	$ K	S. B. Kaalawamaka	1 00		Kailua Kona ~~Akau~~ Hawaii.
52.	" 1	Æ	J. K. Nahale - transfered No 2276	1 00		Kailua Kona Akau " This brand belonged to Palapala, father to J. K. Nahale.
53.	Sept. 7th	KH Same	Jno. Kalina	1 00		Waimea - South Kohala Hawaii
54.	Sept. 19	e	Moses Kahula	1 00		Naalehu, Kau, Hawaii -
55.	" 19	e Y reregistered	C. K. Apiki ✓	1 00		Hilea - Kau - Hawaii -
56.	" 20	M	Moeawa	1 00		Re issue of old brand #444 as issued July 3 1887 to same Mrewa Hononapo Kau Hawaii.
	Sept 30th Remitted to Min Interior			8 00		
57.	Oct 10	KOE	Mrs Pare Kealohakalana.	1 00		Kalala - North Kohala Hawaii
58.	" 14	G	J. Monsarrat	1 00		Kapapala, Kau. Old # 241 Transferred by F. Steinenger May 21st 1887, as per Copy shown.
59	" "	F	Haw. Agr Co	1 00		Pahala, Kau - New # 43, Transferred by M. F. de Nascimento Oct 14th 1889.

1889

No. of Certificate	Date of Certificate	Brand	Owner of Brand	Amt pd.	Ear Mark	Residence & C.
60	Oct 14	N	Manuel F. de Nasciment	1.00		Honokaa Hamakua. Hawaii
61	" 25	KM	Kauakahi K	1.00		Wai Kaumalo - N. Hilo Hawaii
62	" 29					
63	" 31.		Ah Hoy	1.00		Halawa. N. Kohala. Hawaii.
64	Nov. 15	L	A. B. Loebenstein.	1.00		Hilo, Hawaii.
65	Nov. 30.	+	Antone A. Silva.	1.00		Kaawaloa, Kona. Hawaii
66	" 30	L J	L. Johnson	1.00		Kainalin. Kona Akau. Hawaii
67	" "	(+)	Frank Gouveia	1.00		Kaawaloa. S. Kona. "
68	Nov. 30		Manuel Freitas Meandes	1.00		Honokaa Hamakua Hawaii
69	Dec 26	JW	John Wallins	1.00		Ookala Hilo Hawaii.
1890 70	Jan. 3d		John D. Paris Jr.	1.00		Kaawaloa, Kona. Hawaii.
			Jan 9 1890 Remitted to Min of Interior	13.00		

1890

No	Date	Brand	Owner	Cash p'd.
71	Jan 23		Kailioha w	1 00
72	Feb. 13		Samuela Kaholo	1 00
73	Feb. 13		J. Kaailau	1 00
74	Feb 14		David Peleaumoku	1.00
75	Feb 27		Nakahina	1,00
76	March 3d		George W Smith	1.00
77	March 7		Albino Fernandez	1.00
78	March 11		Joao Garcia	1.00

Sent to Min. Interior draft for $8.00, April 1st

Ear Mark.	Residence & C.
	Kukuihala Puna Hawaii
	Hilea Kau Hawaii
	Waiakea Hilo Hawaii.
	Waiakea, Hilo, Hawaii.
	Kukuau, Hilo. Hawaii.
	Kaawaloa, Kona Hawaii.
	Laupahoehoe, Hilo, Hawaii.
	Honokaa, Hamakua, Hawaii.

Copy of brand issued to Joao Garcia. April 14th 1890. fd $1.00

No	DATE	Brand	Issued to	Cash pd	Ear Mark	Residence of Owner
79	April 15th 1890	H	Kaopuiki	1.00		Hookena, Kona Hawaii
80	April 17th 1890	L	Kum Sau	1.00		Makapala, N. Kohala "
81	May 5th 1890	S	J. C. Searle	1.00		Waiohinu, Kau, Hawaii.
82	May 14th	VZ	Helen Saffery	1.00		Keauhou, Kau, Hawaii
83	May 21st	L	John Lindsay	1.00		Hamakua, Hawaii.
84	June 4	At	Aona	1.00		North Kohala, Hawaii.
85	June 14	↖ done	Wan Chung	1.00		South Kona.
86	" 14	I3	Jese Kuakahela	1.00		N. Kona.
87	" 14	I6	Marie Kakahela w	1.00		N. Kona.
88	" 14	I9	Wahinelaweia Kuakahela	1.00		N. Kona.
~~89~~		~~Ao~~	~~Alen. Kaliko~~ w			
~~90~~		~~%~~				

No.	Date	Brand	Issued to	Paid	Ear Mark	Residence
	1890					
89.	June 16	A	Alen. Kaliko	1.00		N. Kona Hawaii.
90.	" 16	B	Paauhau	1.00		Hookena S. Kona
91	" 16	R	Jasintho P. Roque	1.00		Paauilo, Hamakua, Hawaii.
92	July 16	3V	Kaawaloa	1.00		Puna, Hawaii.
93	July 28		Eben Low	1.00		Puuhue, Kohala Hawaii.
94	July 29	Y	Joseph Wahinekapu	1.00		Kailua N. Kona, Hawaii
95	July 29	W	Mrs. Malolo	1.00		Kailua, N. Kona, Hawaii.
96	July 29	N.W.	Nawai	1.00		Kona Akau, Kalapa
97	July 30		Arthur Deverill	1.00		S. Kohala Hawaii
98	August 1	VH	Wilder S.S. Co	1.00		Volcano, Kau Hawaii.
99	" 19		G. Asing	1.00		Kohala Akau, Hawaii.
100	" 27	ECM	J.H. Maby	1.00		Kilauea Kau, Hawaii.
101	" 28th	SHD	S.H. Davis reregistered	1.00		N. Kona, Hawaii.
102 (484)	" 28th	2S	W.S. Yowell	1.00		Kailua N. Kona, Hawaii

1890.

No.	Date	Brand	Issued to	Paid	Ear Mark	Residence.
103	Sept 6		Manoel Gomez	1		South Kona, Hawaii
104-603	" 6		Manuel Sebastian	1		South Kona, Hawaii.
105	" 6		José Raposo	1		South Kona, Hawaii.
106	" 8		Kama (w)	1		Waimea, Hawaii.
107	Sept 22		Bella A. Woods	1		Buuhue, Kohala Hawaii
108	" 22		Alice Woods	1		" " Hawaii
109	" 22		Saml. P. Woods	1		" " "
110	" 22		Mabel. R. Woods	1		" " "
111	" 22	X	Celia K. Woods	1		" " "
112	" 22		Maud Woods	1		" " "
113	" 22		Lucy Woods	1		" " "
114	" 22	X	Charles K. Stillman Jr	1		" " "
115	" 22	X	Eliza D. Low	1		" " "
116	" 23	Old No	2566, transfered to W. H. Shipman			Hilo

1890

No.	DATE	Brand	Issued to	Paid	Ear Mark	Residence.
117	Sept 23	HR	C. L. Aliona	1		Waiohinu, Kau, Hawaii
118	Sept 29	J	J. Todd	1		South Kona
119	" "	A	A.K. Eldredge	1		North Kohala.
120	Sept 29	M5	Makini	1		Waimea, Hawaii.
121	Oct 21	✿	Mary Parker	1		Puuhue, Kohala Hawaii.
122	Oct 25	HR	C. L. Aliona			Waiohinu, Kau
123	Oct 30	P	Pedro Markes Luiz Almeida	1		Kaawaloa, Kona
124	Oct. 31	P	Nawahine {Transferred from Piihonua, No 1895	1		Kawaihae uka.
125	Oct 31st	Y	Iminaauao {Transferred from Moku. No 1297	1		Kawaihae uka.
126	Oct 31st	R	Kapuaiku	1		Kawaihae uka.
127	Oct 31st	A	Antonio Cordiro	1		Halawa, Kohala
128	Oct 31st	CT	Amana,	1		Paauilo Hamakua
129	Dec 2	HH	Hua	1		S. Kona
130	Dec. 2	GR	John Grace	1		" "

1890

No	Date	Brand	Issued to	Paid	Ear Mark	Residence &c.
131	Dec 16	K †	Kama[k]	1 00		Kalaoa N. Kona Hawaii –
132	" 20	[illegible]	J. D. Paris Jr –	1 00		Kaawaloa S. Kona "
		Searching for brand #290		1 00		for J. D. Paris Jr S. Kona "
133.	" 25	[illegible]	Mary E. Low.	1 00		Puuhue N. Kohala "
134	" 29	[illegible]	Ah Tai	1 00		Volcano House Kau. "
	1891 January					
135	" 5	SW	Haukauwewe	1.00		South Kona "
136	"	[illegible]	Lohelohe	1.00		" " "
137	"	[illegible]	John Pukiki	1.00		" " "
138	"	W	Pakuai	1.00		" " "
139	"	[illegible]	Kahulaponiu	1.00		" " "
140	Febr. 2	[illegible]	F. S. A. Barros	1.00		" " "
141	Febr. 21	[illegible]	Wittoriono Hohera	1.00		North Kona

1891

No.	Date	Brand	Issued to	Paid	Ear Mark	Residence etc.
142	March 4th	C	Ahina	1.00		Kahalun N. Kona
143	March 5th	4	Ah Chiock	1.00		Waipio Hamakua
144	" 25	∩2	A. A. Golarte	1.00		Hualalai North Kona
145	April 4th	L	Alfrei L. Andrade	1.00		Kaiwiki Hakalau Hilo
146 599	April 4th	W	Geo. H. Williams	1.00		Hilo Hawaii
147	April 15	MI	Kealoha Hopulaan. this is brand No. 25 issued January 21st 1847 to Mii and now transferred by his heirs to the above Kealoha Hopulaan	1.00		North Kona
148	April 17		Wm. K. Wilson	1.00		Puehuehu N. Kohala
149	April 24	C	Antone Cuels	1.00		South Kona

1891.

No	Date	Brand	Issued to	Paid	Ear Mark	Residence &c.
150	May 6th	H	Jacob K. Hughes			North Kona
151	" 13	[illegible] ✓	J. P. Lino This brand is ~~old~~ No. 1.00 old No 2712			Aihalakaue. issued June 25 1888 to C. G. Myhre & transferred this day.
152	May 16	HP	J. H. P. Kaahanui	1.00		North Kona
153	" 19	Sh	Samuel Hall	1.00		Kainaliu Kona Hema.
154	" 20	[illegible]	George Hussey			Waipio, Hamakua.
155	" 21	[illegible]	Kanamu			Waipio, Hamakua
156	May 27	[illegible]	Hermann Elderts			Puna
157	June 13	7 [illegible]	J. S. Canario			Hilo, Hilo Hawaii
158	June 13	[illegible]	John Corea			Keauhou, N. Kona
159	June 17	AG.	Maria A. de Gouveia			Kailua N. Kona

1891.

No	Date	Brand	Issued to	Paid	Ear Mark	Residence etc.
160	July 1st	CL	Chong Po	1.00		Onomea, Hilo
161	July 8th	PI	Wm Burke	1.00		Keauhou, N. Kona
162	July 18th	WK	Kaoiwi	1.00		Opihikao Puna
163	July 20th	LK	L. K. Kalawe	1.00		Koae Puna
164	August 1st	JF 2 inches	Joan Fernandez Gorea	1.00		Kohala
165	Aug 1st	‡	Wilmot Vredenburg	1.00		Waimea S. Kohala
166 old No. 1848	Aug. 3d	ES ✓	Esther J. ~~Cockett~~ transferred to Esther J. Wilson	1.00		North Kohala
167	Aug. 21	J F	John Medeiros	1.00		South Kona
168	" "	JP	Joao de Ponte Coit Amourie	1.00		Hamakua
169 old No. 905	" 25	E	Transferred from Epuepue to his grandchild, J. Kalvelo	1.00		Kahinano, Hilo.
170 old No. 1480	Sept. 15	HN	John N. Kaina transferred to him from Heanu.	1.00		Puna

1891

No.	Date	Brand	Issued to	Paid	Earmark	Residence etc.
171	Sept. 22.	JOE ✓	Joe Ili	1.00		Nalehu, Kau, Hawaii,
172	Oct. 5	reissued	Fr. H. Kuhlmann	✓1.00		Kaawaloa, S. Kona
173	Oct. 10		Thos. Silva	1.00		Haaloa, N. Kona, Hawaii
174	Oct. 20	N	H. B. Nahinu	1.00		S. Hilo,
175	Oct. 20		Peleiholani	1.00		Kapahua, Puna
176 old No 140.	Oct 31.		W. H. Greenwell transferred to him from F. S. A. Barros. Sep. 24. 1891.	1.00		Kealakekua, S. Kona.
177	Oct. 31.		Arthur L. Greenwell	1.00		Kealakekua, S. Kona.
178	Nov. 23	M	E. C. Beni	1.00		Honokaa, Hamakua
179 old No 716 Dec. 10. 1858.	Nov. 27	J	Salua			Kealakekua, S. Kona.
180 (481)	Nov. 27	A	Maraia Sylva			Kehena, Puna
181.	Nov. 27	Z	Samil Keaweluna old No 1511 transferred to him by Kahalekaia			Honoipu N. Kohala.

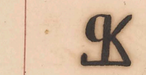
1891

No.	Date	Brand	Issued to	Paid	Ear mark	Residence etc.
182	Dec. 16,	¶	Manu Hauhia (Old Brand #608 Transferred to wife of Pakaula)	1.00		Kamaili, Puna
183	Dec. 22	Y	Mrs. Kahuahine	1.00		Honokaa, Hamakua
184	" 23	DPW	D. P. Waahila	1.00		Kailua Kona Akau.
185	1892 Jan 5	Ke	Kaia	1.00		Naalehu Kau.
186	Jan. 14	∂	Mary Alice Woods	1.00		Puuhue, Kohala
187 606	Jan. 25	J	Joes Brettencourt	1.00		South Kona
188	Feb. 15	K	Kalopi	1.00		Kawaihae, S. Kohala, Hawaii
189	Feb. 15	I	Regina Olsen	1.00		Kukuihaele, Ham. Hawaii
190	Feb. 25	MJ	Manuel Joaquin	1.00		Waiakea, Hilo, Hawaii
191	Feb. 25	J	Maria Jose Mendonca	1.00		Kailua, Kona

1892

No.	Date	Brand	Issued to	Paid	Ear Mark	Residence, etc.;
192	Feb. 25	N V	Transferred from old Brand # 1209 Mrs. Mooksing from D. B. Wahia	1 00		N. Kohala, Hawaii.
193	Feb. 27	K4	Mrs. Jane Lovstad,	1 00		Paauhau, Hamakua, Hawaii
194	Mar. 16	(K)	Kekuiwai w ~~J. K. Hopulaau~~	Kekuiwa W. 1 00		Puaa, Kailua, N. Kona, Hawaii,
195	Mar. 18	H	Jay M. Horner	1 00		Kukaiau, Hamakua, Hawaii
196	Mar. 18	Hs	Kahoili K	1 00		Waimea, S. Kohala, Hawaii
197	" 30	I	Kahiwa	1 00		N. Kohala, Hawaii
198	" 30	C.M.	C. M. Lawelawe	1 00		N. Kohala Hawaii
199	Ap. 5	E	R. A. Lyman & Sons Transferred from J. E. Elderts.	1 00		This is Old # 1231 of Brands Puna Hawaii.
200	7	J O	James Olsen	1 00		Kukuihaele, Hawaii
201	12	T	Hawn Tea & Coffee Co.	1 00		Kailua, N. Kona
202	"	M	Chas Miller	1 00		" " "

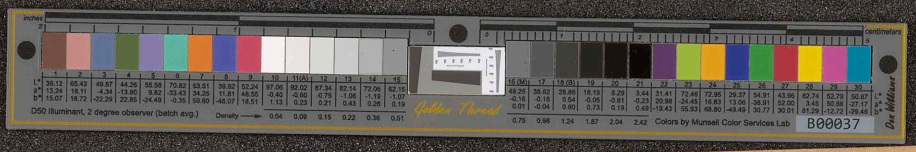
No.	Date 1892	Brand	Issued to	Paid	Ear Mark	Residence etc.
203	April 16,	UC	U. C. Aki	1 00		Kukuiopae, S. Kona, Hawaii
204	" 18	I	Peter Kamaka (Transferred from old Brand #1648, Kaauhaukane —)	1 00		N. Kohala, Hawaii
205	" 18	I	Maikai	1 00		Kukaiau, Hamakua, Hawaii
206	May 31	0	Peter Whitmarsh	1 00		Kainalin N. Kona
207	June 13	天	G. Kan Hoy	1 00		Hookena, S. Kona, Hawaii
208	June 18	U	Uma "	1 00		South Kona, Hawaii.
209	June 18	JC	John Corea	1 00		North Kona, Hawaii.
210	" 29	A	Keopika	1 00		Kaalaiki Kau Hawaii -
211	July 2	L	John K, Apio	1 00		(Palikea, Honolulu To be used in Kona, Hawaii)
212	July 9	W	Awana ch.	1 00		S. Kona, Hookena

No.	Date 1892	Brand	Issued to	Paid	Ear Mark	Residence, etc.
213	July 9.	A	Antonio M. Aregre,	1.00		Pahoehoe, N. Kona,
214	" "	J S	John Silva	1.00		Laaloa, N. Kona
215	July 12	PV	Peter Victor	1 00		Honokaa, Hamakua
216	" 26		Kalaliilii taken	1 00		Waimanu, Hamakua
						# 795 old Brand of J.K. Gataio deceased P. 92/3. Book 1.
217			Geresoma	1 00		South Kona
218	Aug. 1	JD	J. A. Kaleo	1.00		Waimea, S. Kohala, Hawaii
219	11	BK	Beni Kahulamua	1 00		N. Kona, Hawaii
220	11	W	Wm Lincoln	1 00		Kehena, Kohala, Hawaii
221	X Sept 6	A	E. Kekaula	1 00		Kapaahu, Puna
222	6	NSC	Manuel S. Cosma	1 00		Kohala —

No.	Date	Brand	Issued to	Paid	Residence etc.
223	1892 Sept. 14	M.A.	Mele Kauhai	1.00	Naalehu, Kau, Hawaii
224	" "	JSK	J. S. Kainoa	1.00	Okoe, S. Kona "
225	" 22	A	J. Kaomeoulaokalani (Transferre)	100	Kainnea - S. Kohala - Transf. from old 1811 brand
226	" 29	TI	Lono	100	Kawaihae-uka, S. Kohala, Hawaii
227	Oct. 1,	MP	J. W. P. Nawahine	100	Kahalui, N. Kona, Hawaii
228	" 20	FS	Fred Schmidt	100	Hilo, Hawaii,
229	Oct. 26	PMK	old No. 1277, and transferred to Kolomona Kaaihue	100	Waimanu, Hamakua
230	Oct. 27	T Σ	J. D. Paris	100	Kealakekua, Kona, Hawaii
231	Nov. 17	Ω	Old Brand 2354 - formerly Kohala Ranch Co. belonging to C. L. Wight	100	N. Kohala, Hawaii
232	" "	Ψ	Old Brand 1621, formerly C. L. Wight belonged to J. K. Piva	100	Mahukona, Kohala, Hawaii
233	Dec. 2,	TTR	Manuel Roque	100	Honokaa, Ham. Hawaii
234	" "	Ψ	Mrs. Maggie K. Apio	100	Kona, Hawaii,

Kealakekua
Kaawaloa

A. P. Ornellas.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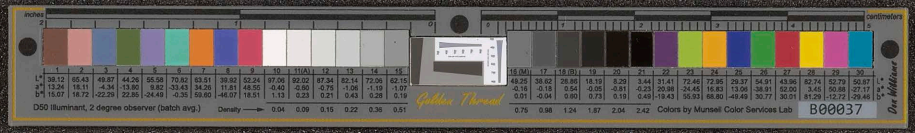
Dr. Williams
D50 Illuminant, 2 degree observer (batch avg.)
Density
Colors by Munsell Color Services Lab
B00037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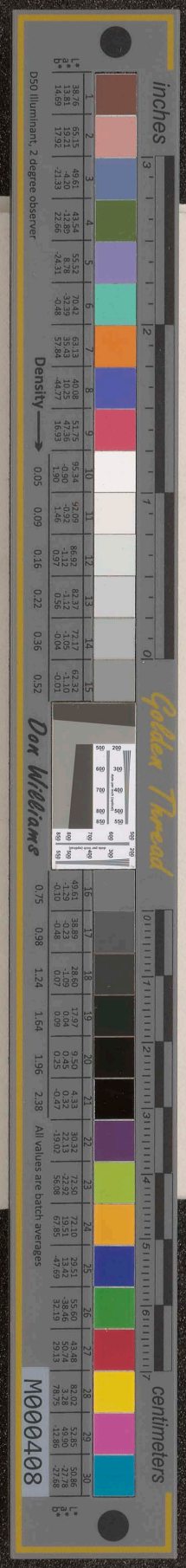
centimeters
Golden Thread
Dan Williams
D50 Illuminant, 2 degree observer (batch avg.)
Density
Colors by Munsell Color Services Lab
B00037

new Series 15	Dec. 8,	V	Kanui Holoua,	1.00	Naalehu, Kau, Hawaii
16	" "	S	F. Seitz	1.00	Paauilo, Hamakua, Hawaii
17	" 16	17	Kamana,	1.00	Puna, Hawaii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Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
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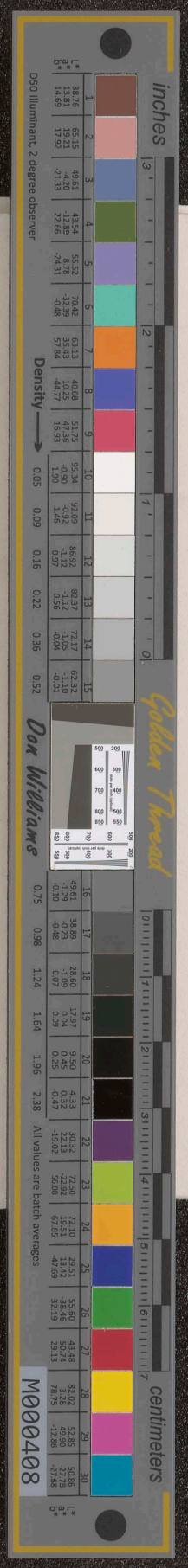
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inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
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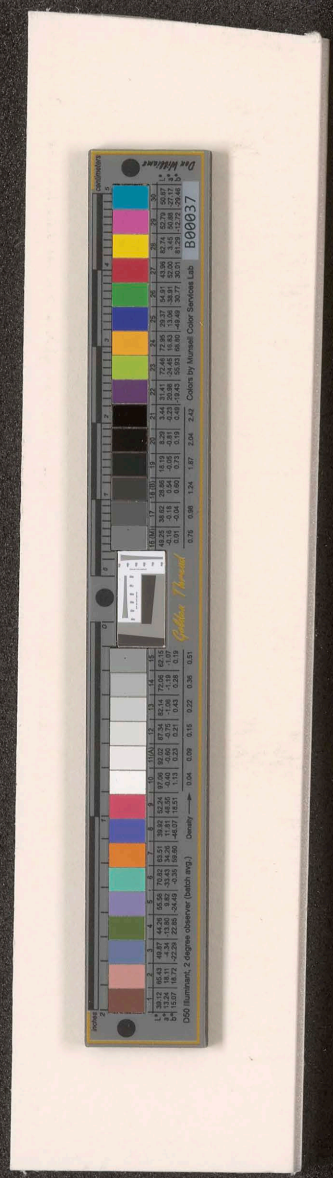
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Colors by Munsell Color Services Lab
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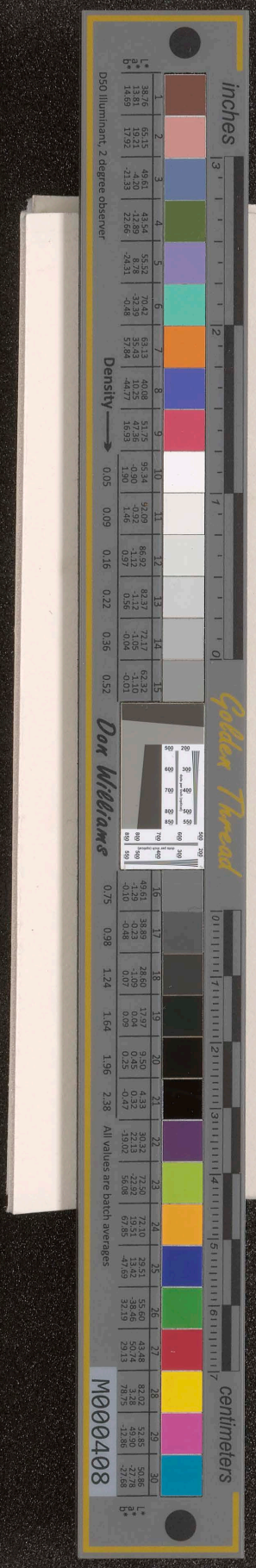
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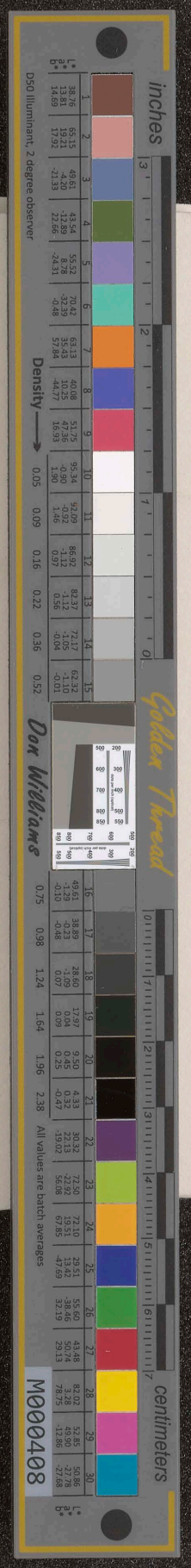
Golden Thread
Dan Williams
M000408
Density
D50 Illuminant, 2 degree observer
All values are batch averages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Density
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All values are batch averages
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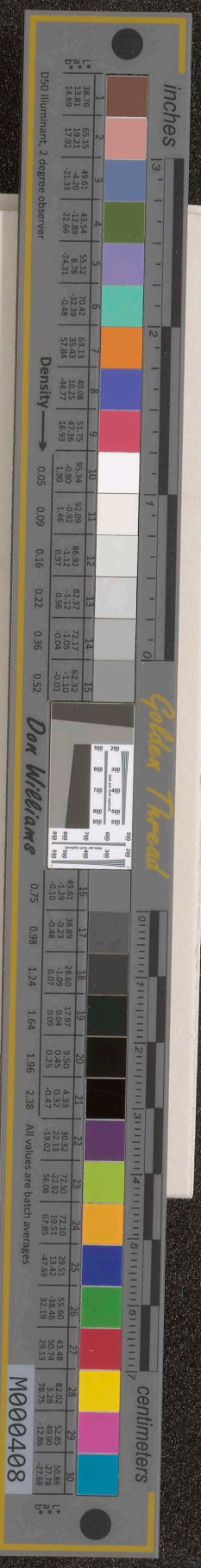
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Dan Williams
centimeters
Density
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All values are batch averages
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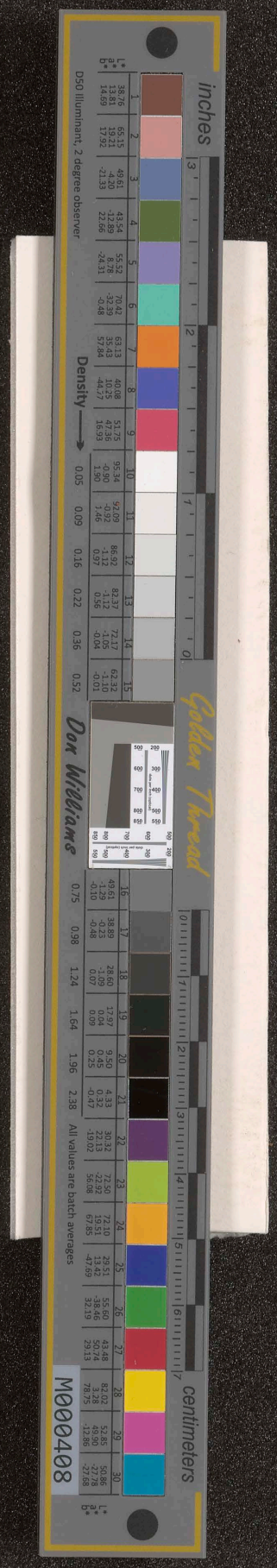
Gretag Macbeth
D50 Illuminant, 2 degree observer (batch avg)
Colors by Munsell Color Services Lab
B00037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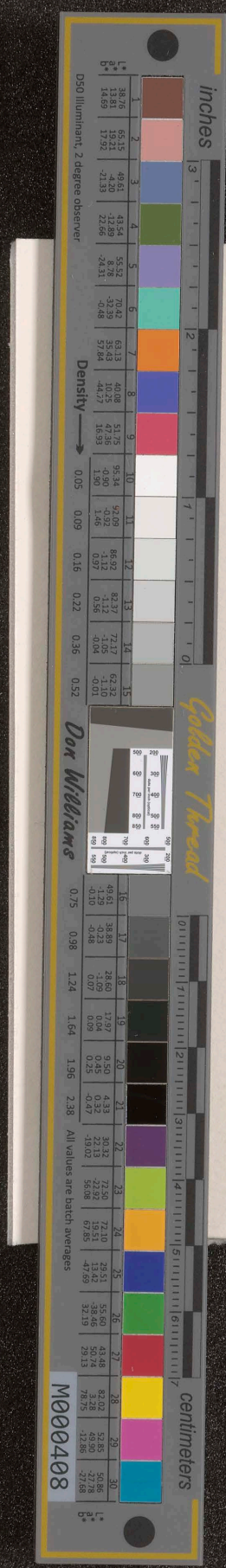
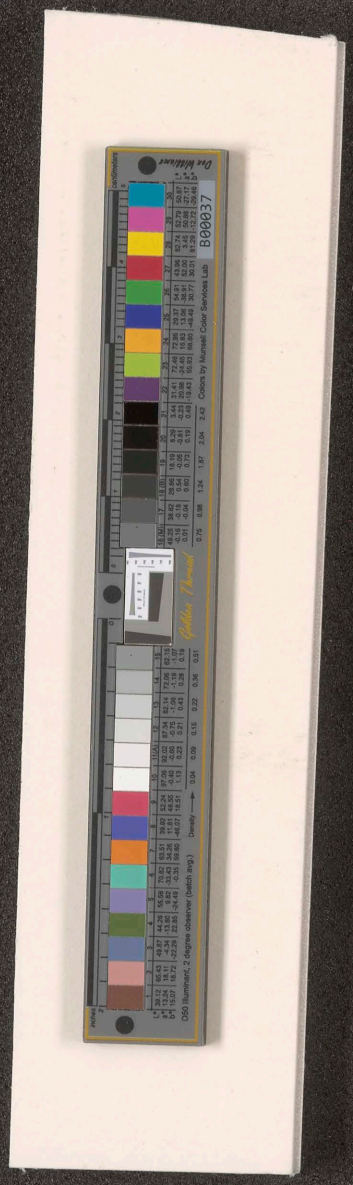
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


Golden Thread
Don Williams
inches
centimeters
M000408
D50 illuminant, 2 degree observer
All values are batch averages
Density


Color Checker
Gretag Macbeth
Color Services Lab
B00037
D50 Illuminant, 2 degree observer (Match avg.)
Density
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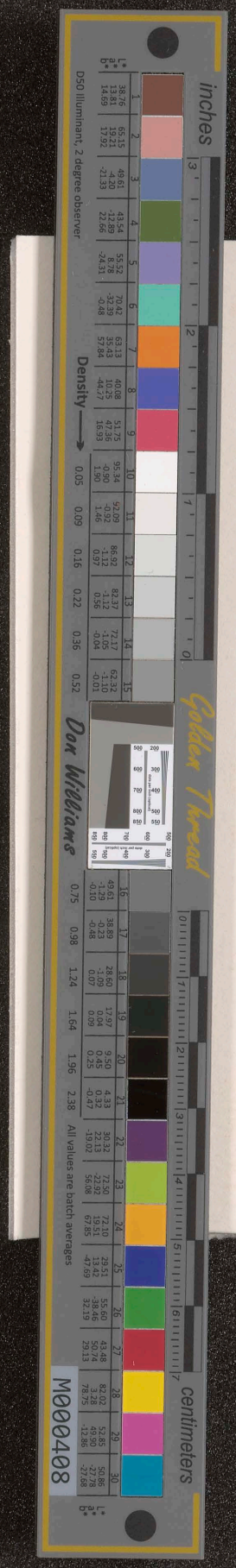
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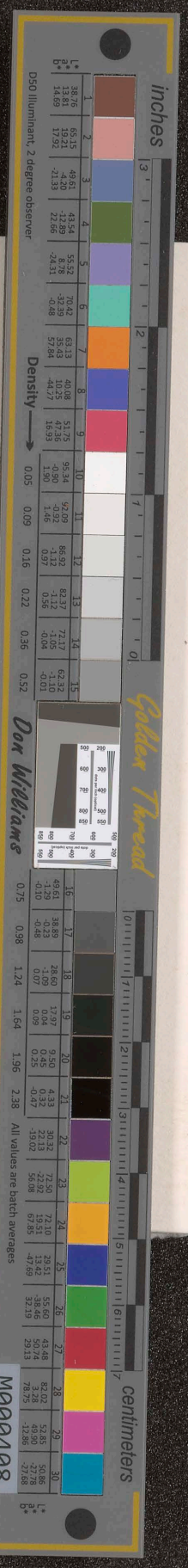
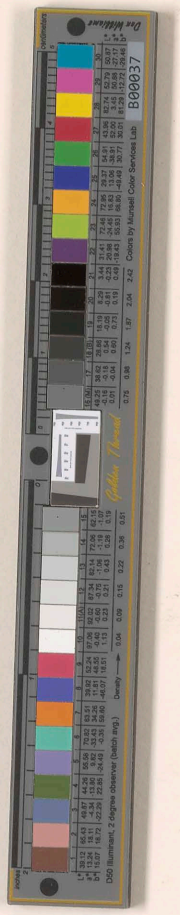
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


inches
centimeters
Golden Thread
Don Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408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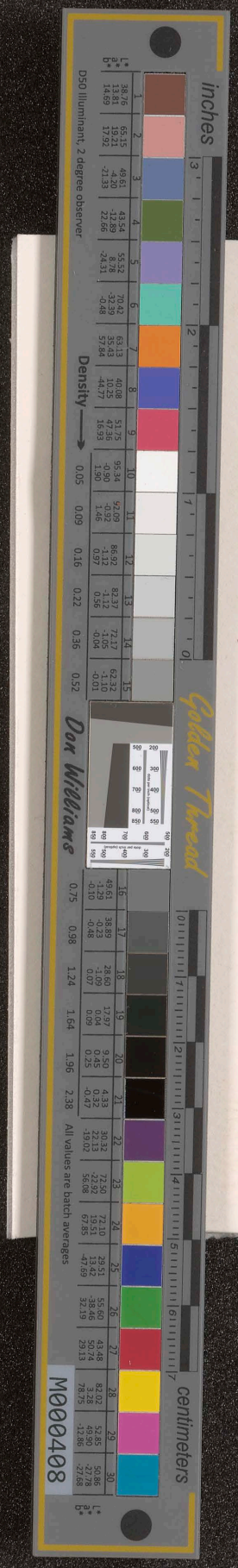
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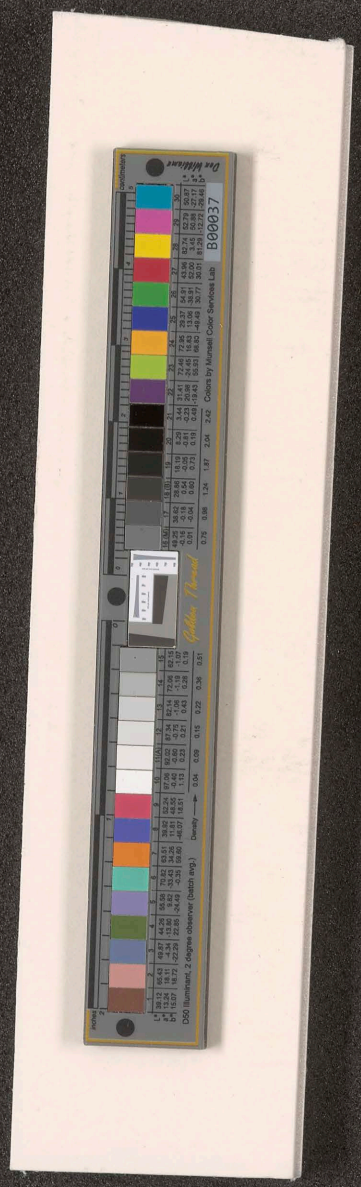
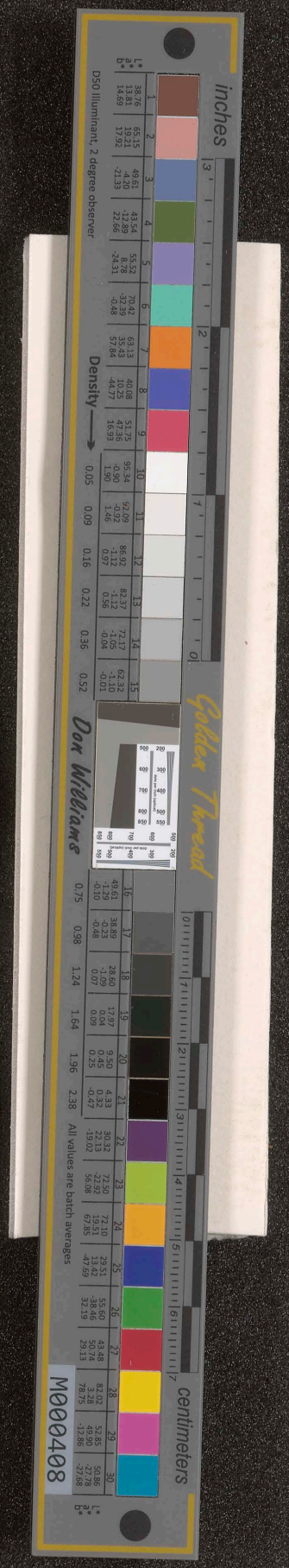
Dor Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408


Colors by Munsell Color Services Lab
B00037

Golden Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

Gretag
Macbeth
Color Checker
Gretag Macbeth
Color Checker
Gretag Macbeth
Color Checker
Gretag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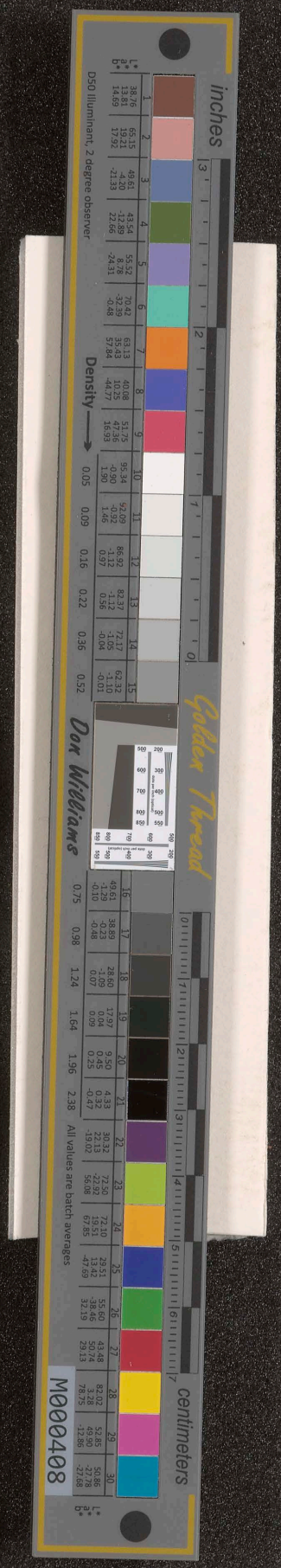
D50 illuminant, 2 degree observer
All values are batch averages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centimeters
Golden Thread
Don Williams
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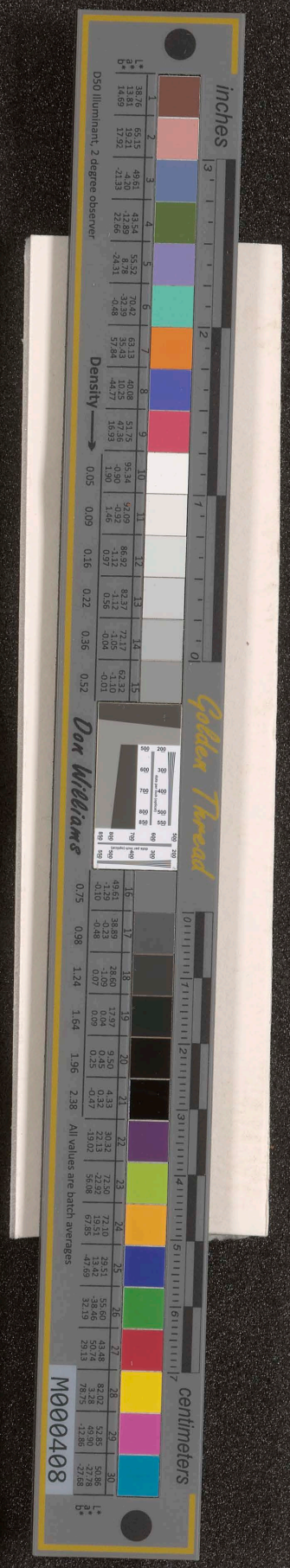
D50 Illuminant, 2 degree observer
Density
All values are batch averages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Golden Thread
Don Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages.
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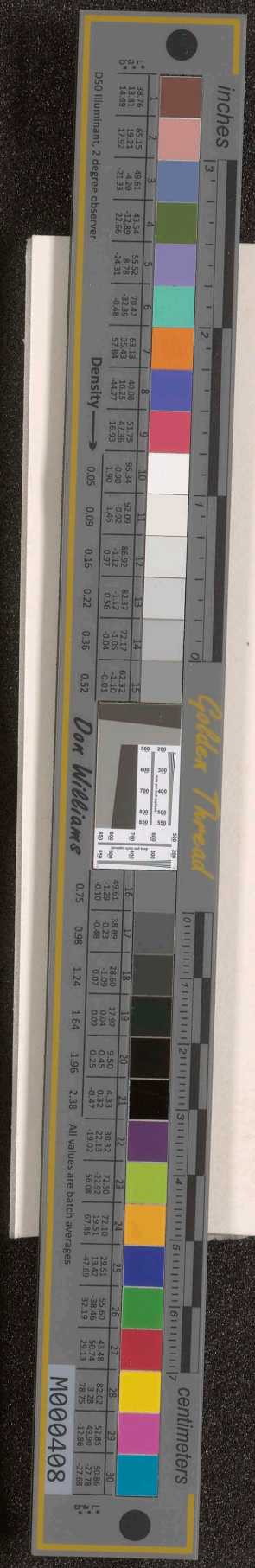
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inches
centimeters
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All values are batch averages
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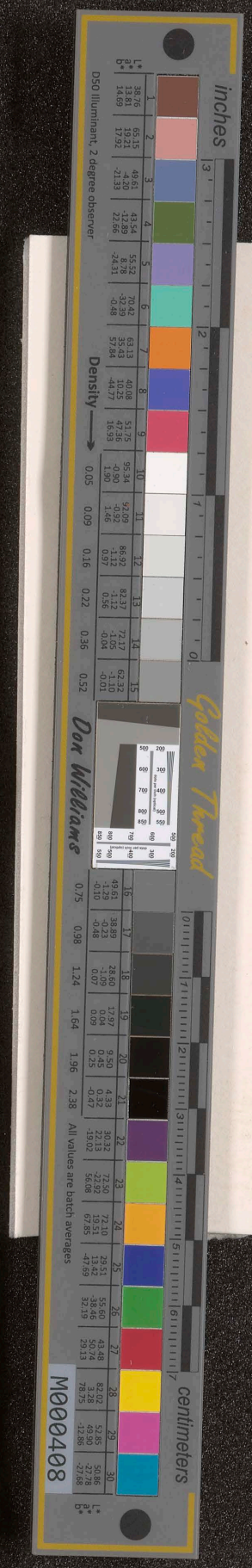
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Density
D50 Illuminant, 2 degree observer
All values are batch averages
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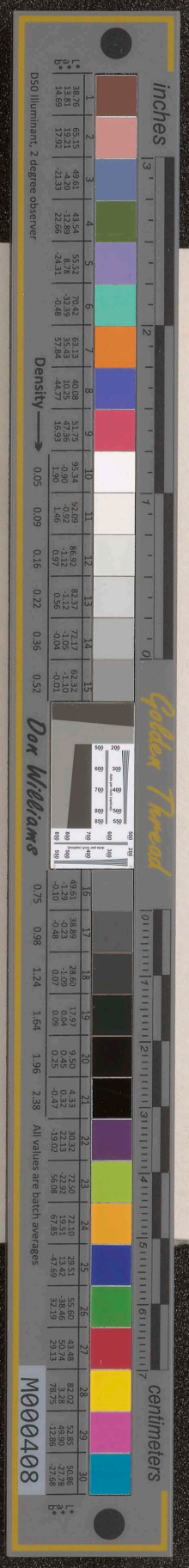
Golden Thread
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inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
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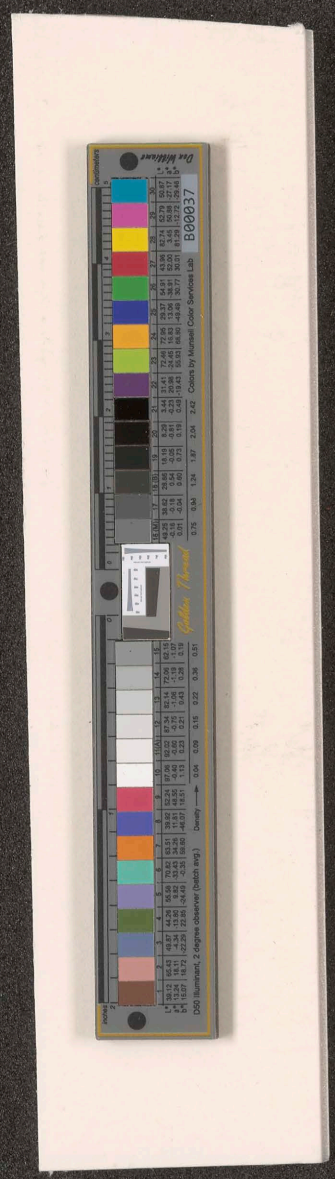
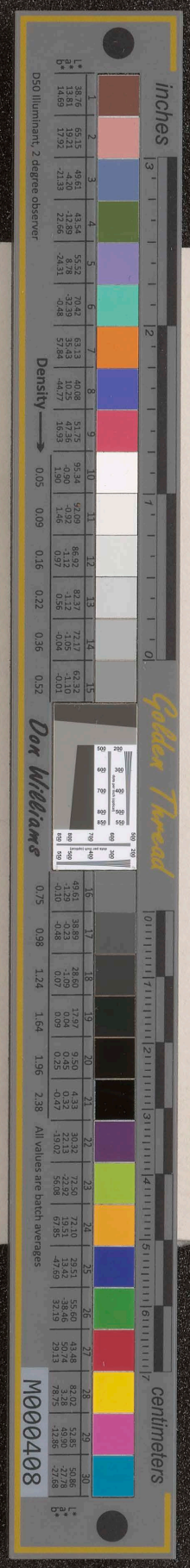

Gretag Macbeth
Munsell
Colors by Munsell Color Services Lab
B00037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centimeters
Golden Thread
Don Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages
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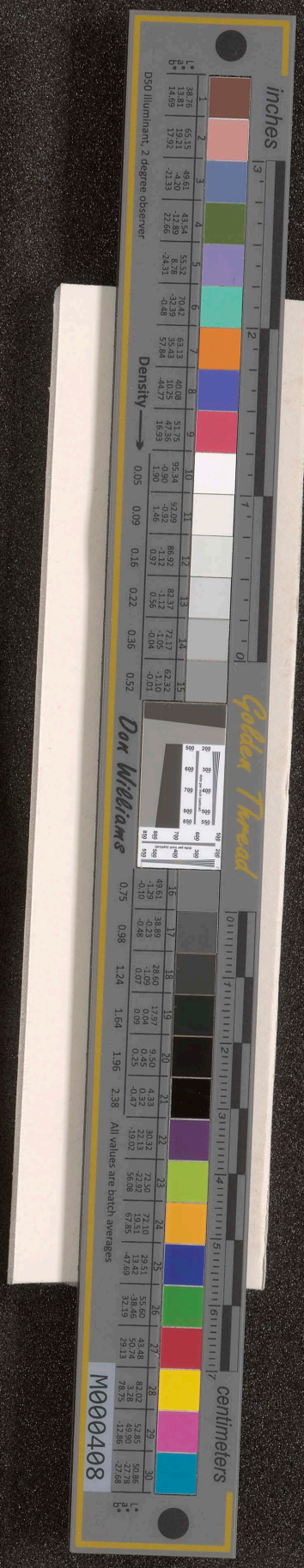
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Density
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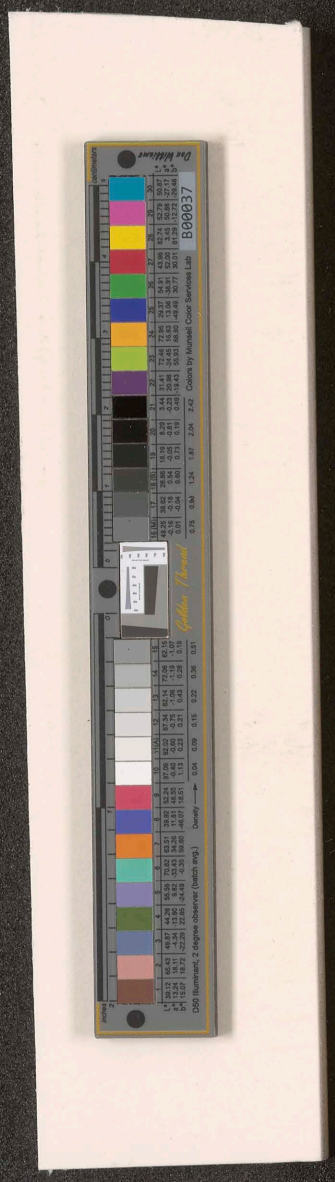
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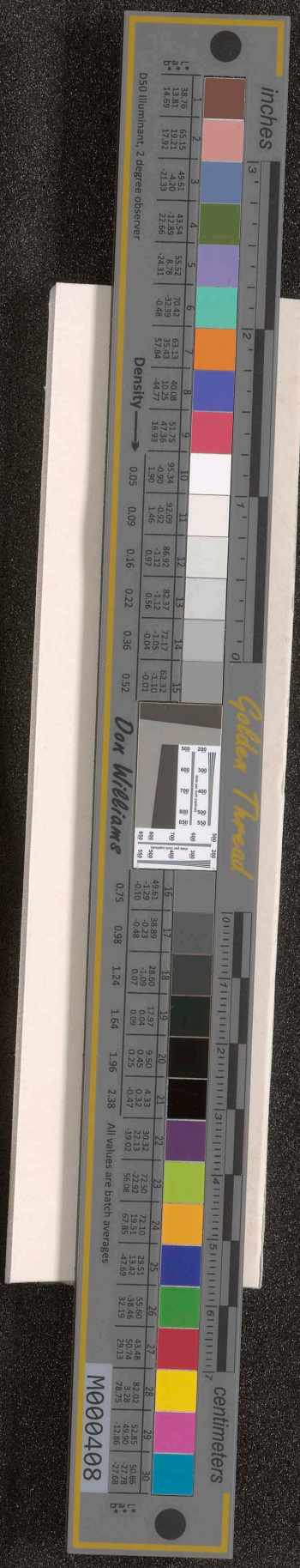
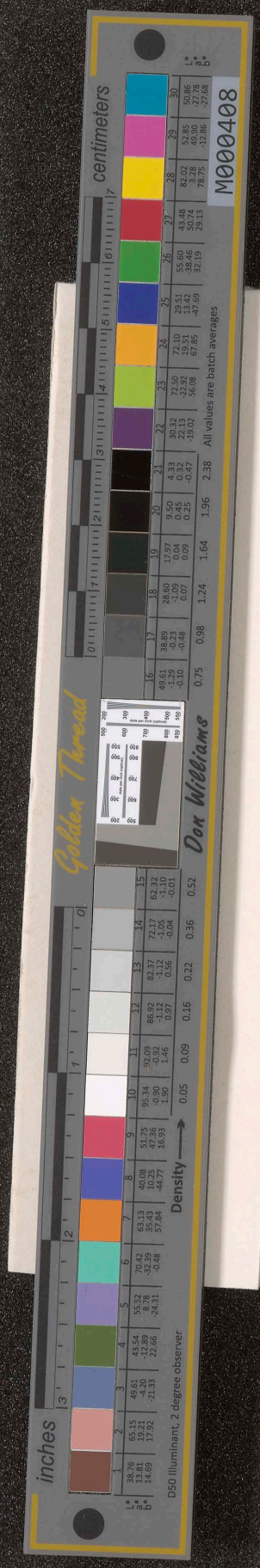
B00037
Colors by Munsell Color Services Lab
Gretlin Thermal


inches
centimeters
Golden Thread
Dor Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

Golden Thread
Dan Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408



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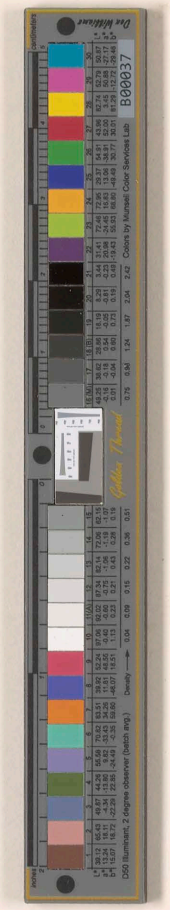
L*	38.76	65.15	49.61	42.54	55.52	70.42	63.13	40.08	51.75	95.34	92.09	86.92	82.37	72.17	62.32
a*	13.81	19.21	-4.20	13.80	8.78	-32.39	35.43	10.25	47.36	-0.90	-0.32	-1.32	-1.12	-1.05	-1.10
b*	14.69	17.92	-21.33	22.66	-24.31	-0.48	57.84	-44.77	16.93	1.90	1.46	0.07	0.56	-0.04	-0.01
Density	0.05	0.09	0.16	0.22	0.36	0.52	0.75	0.98	1.24	1.64	1.96	2.38			

D50 Illuminant, 2 degree observer

All values are batch averages

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.61	38.89	28.60	17.97	9.50	4.33	30.32	72.50	72.10	29.51	55.60	-43.48	42.02	52.85	50.86
a*	7.39	-0.23	-1.09	0.04	0.45	0.32	22.13	2.82	19.51	13.42	-38.46	50.74	3.39	49.90	-27.78
b*	-1.20	-0.48	0.07	0.09	0.25	-0.47	-19.02	58.08	67.85	-47.69	32.19	29.13	78.75	-12.86	-22.68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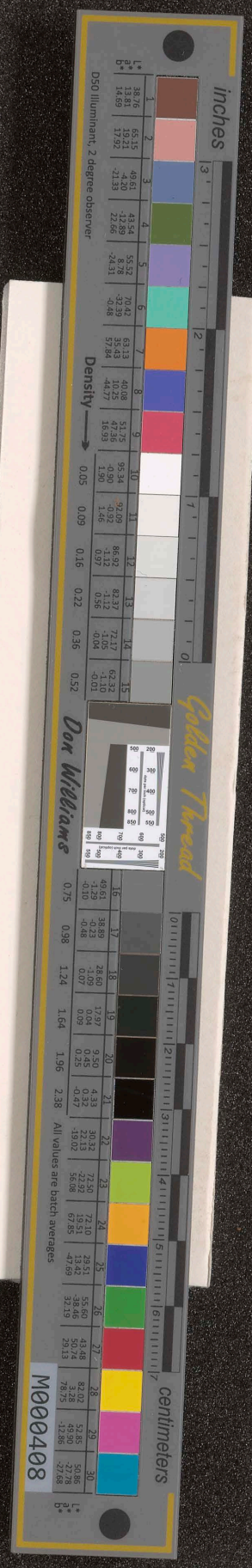
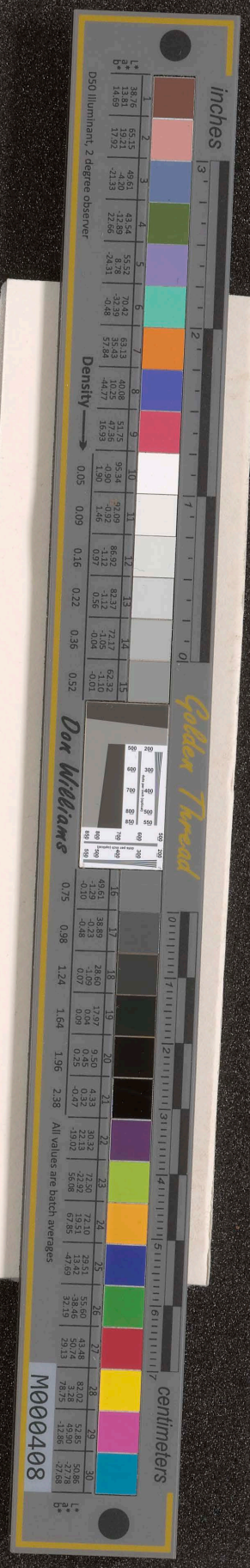

inches
centimeters
Golden Thread
Don Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408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Golden Thread
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Density
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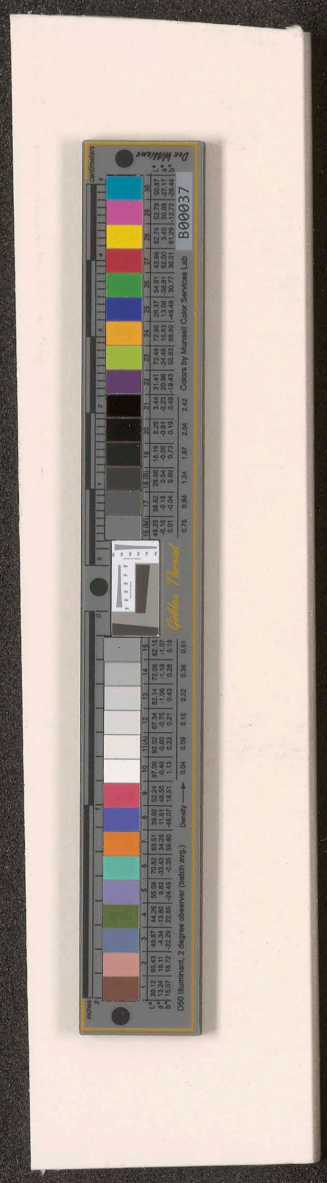
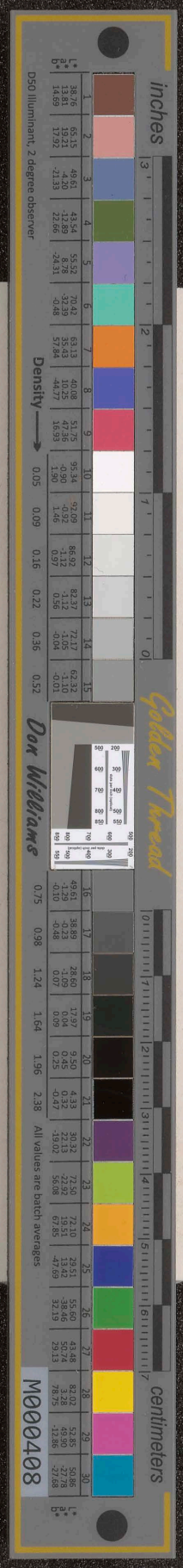

Golden Thread
D50 Illuminant, 2 degree observer (batch avg.)
Colors by Munsell Color Services Lab
B00037

inches
centimeters
Golden Thread
Dan Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408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Density
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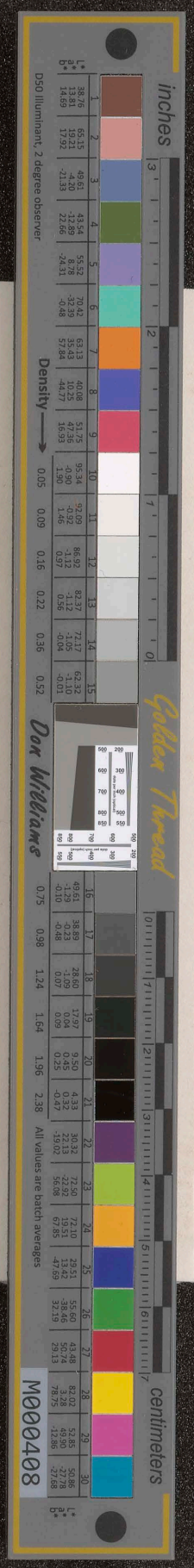
Gaddex Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
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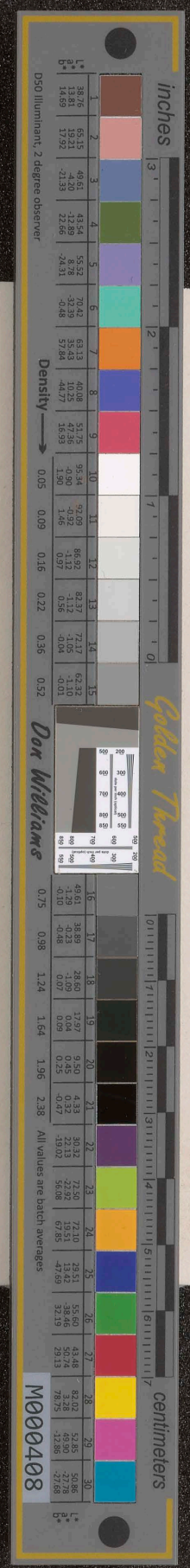
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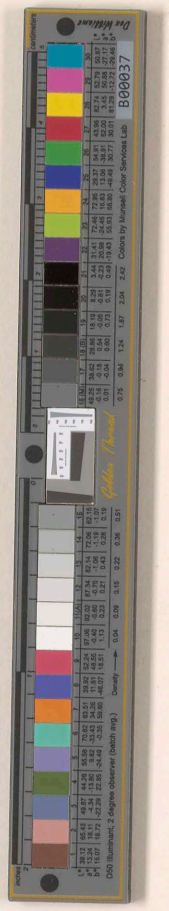
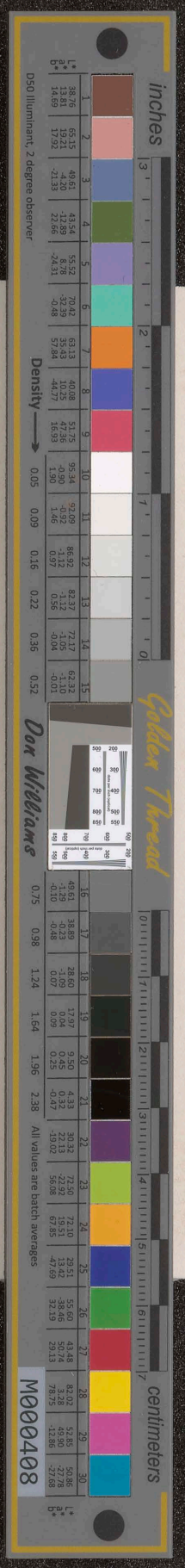
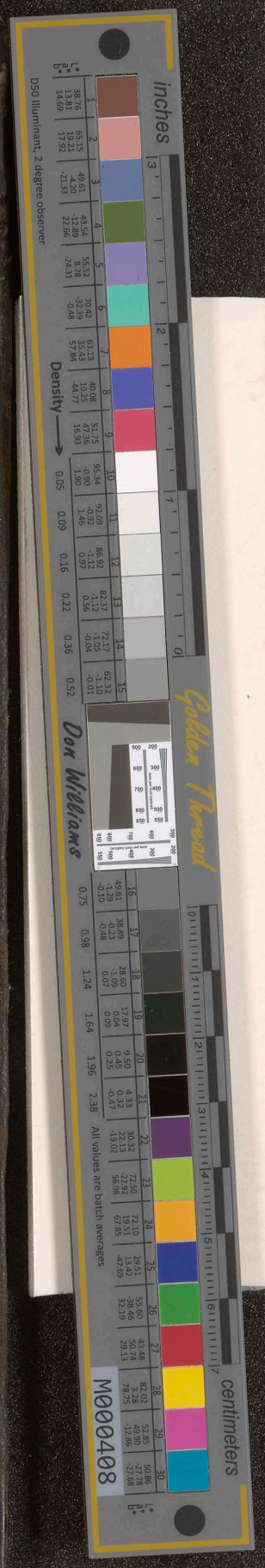
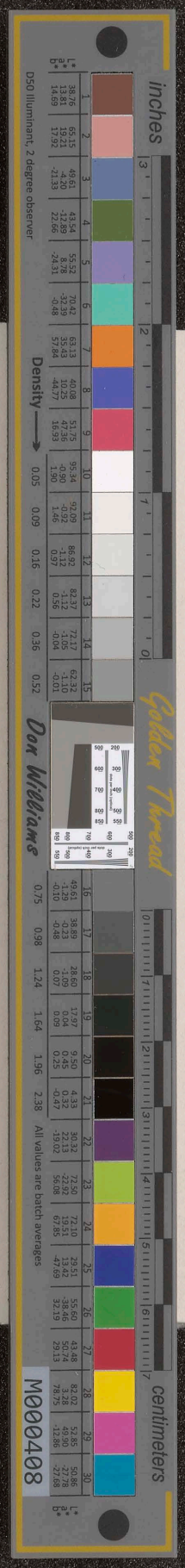
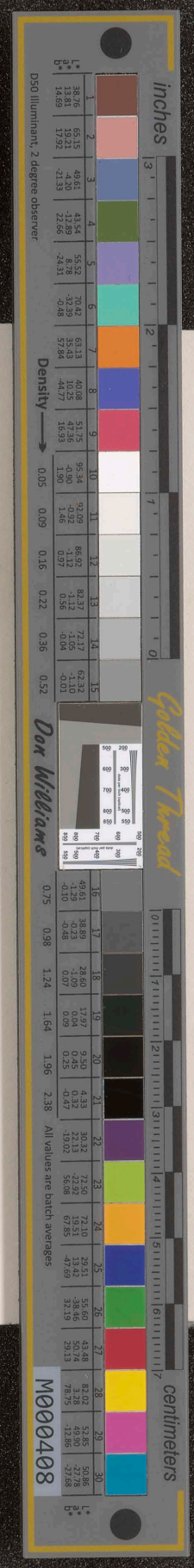
centimeters
Golden Thread
Don Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

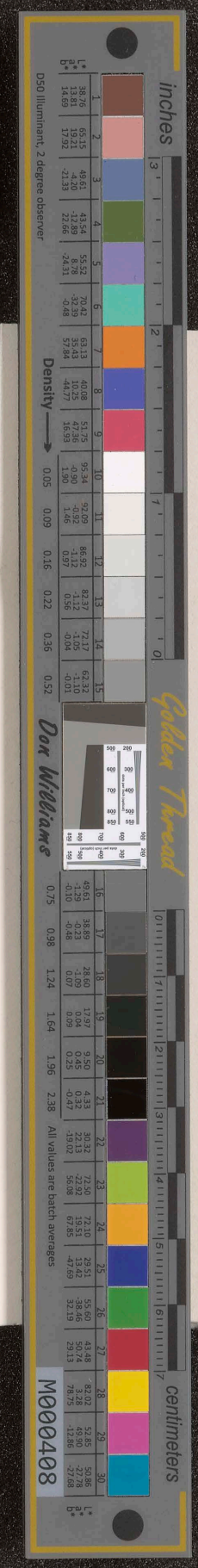



inches
centimeters
Gaddex Thread
Don Williams
M000408
Density
D50 illuminant, 2 degree observer
All values are batch averages


Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


Golden Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408


Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408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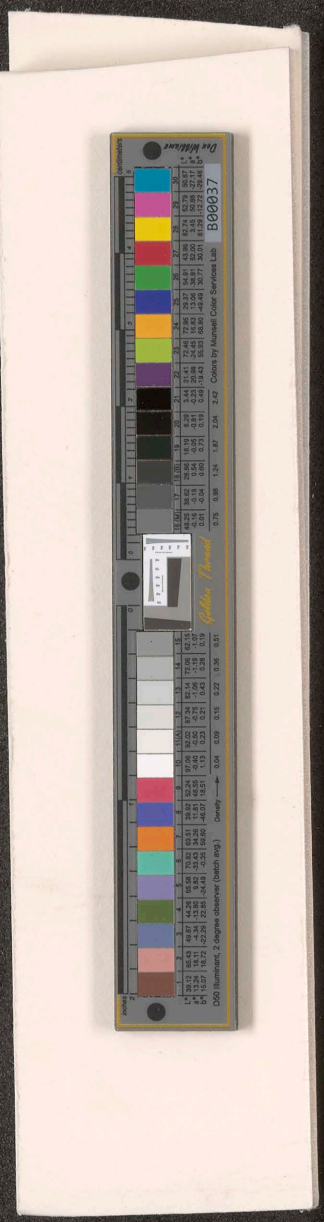
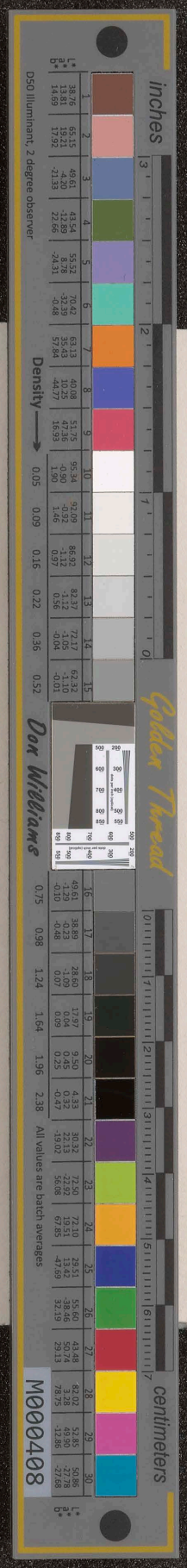
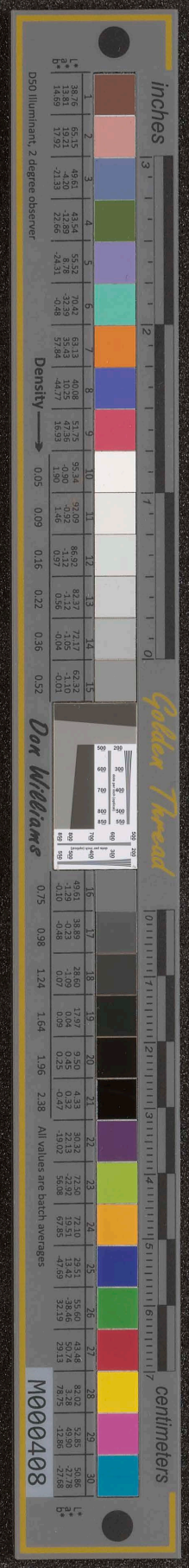
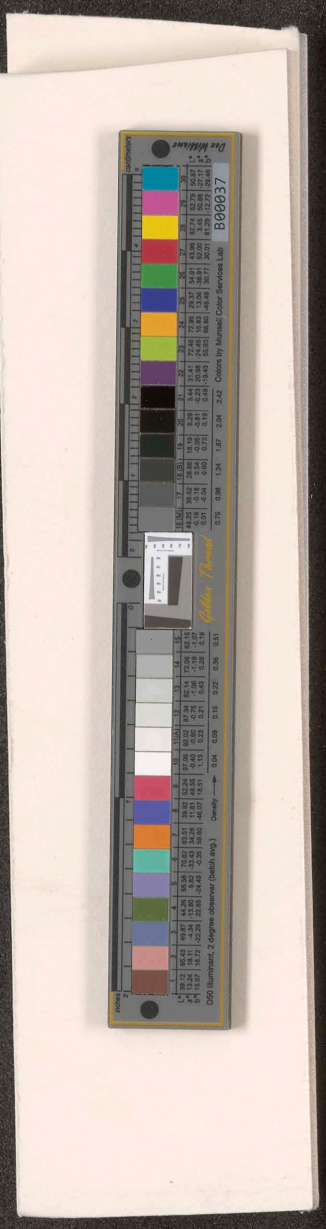
inches
centimeters
Density
Don Williams
D50 Illuminant, 2 degree observer
All values are batch averages
M0000408

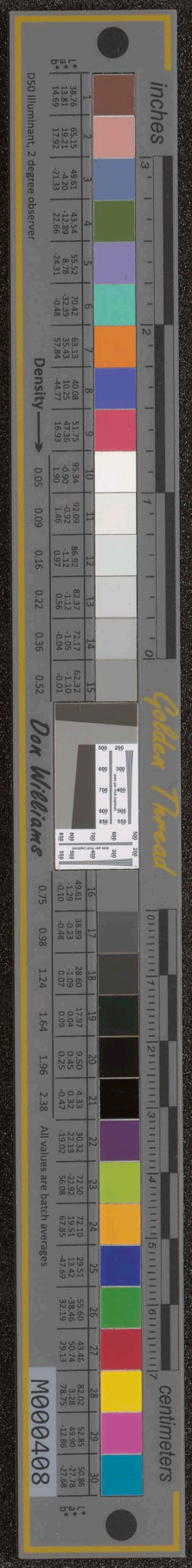

Gretag Macbeth
D50 Illuminant, 2 degree observer (batch avg.)
Density
Colors by Munsell Color Services Lab
B00037

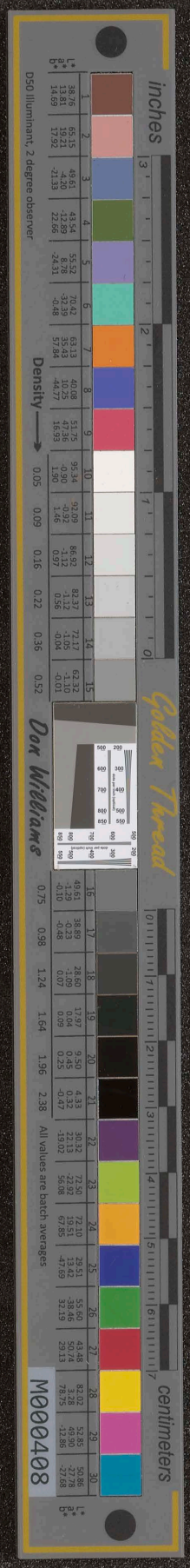

Golden Thread
inches
centimeters
Don Williams
D50 illuminant, 2 degree observer
Density
All values are batch averages
M000408

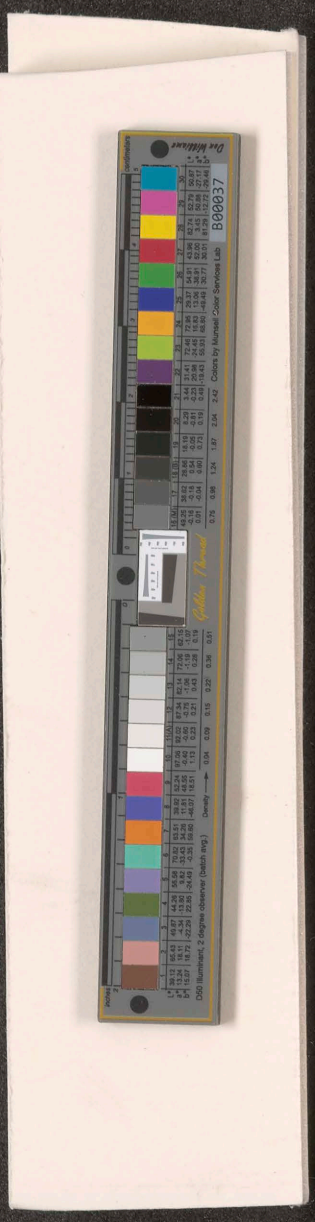

Golden Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

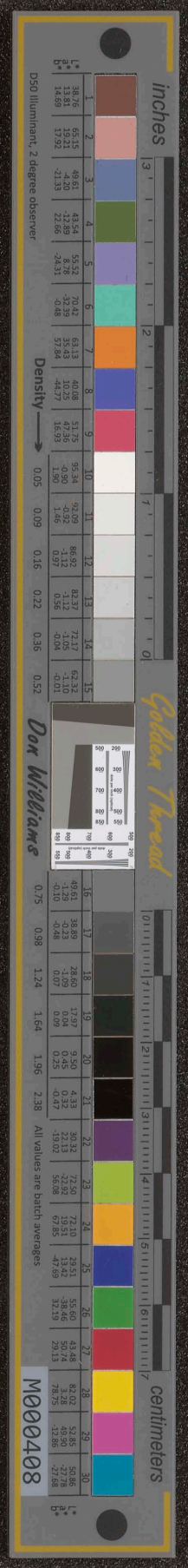
Golden Thread
Don Williams
inches
centimeters
Density
0.05 0.09 0.16 0.22 0.36 0.52
0.75 0.98 1.24 1.64 1.96 2.38
All values are batch averages
D50 Illuminant, 2 degree observer
M000408


Don Williams
B00037
Colors by Murrsel Color Services Lab
Golden Thread
D50 Illuminant, 2 degree observer (batch avg.)
Density

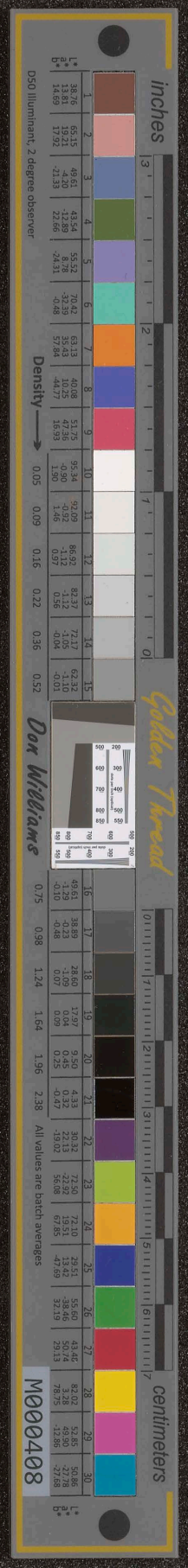

inches
centimeters
Gaddex Thread
Don Williams
M000408
Density
DSO Illuminant, 2 degree observer
All values are batch averages

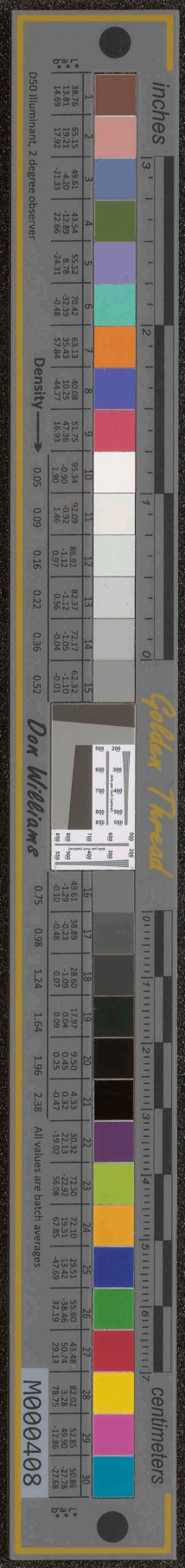

inches
centimeters
Golden Thread
Don Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

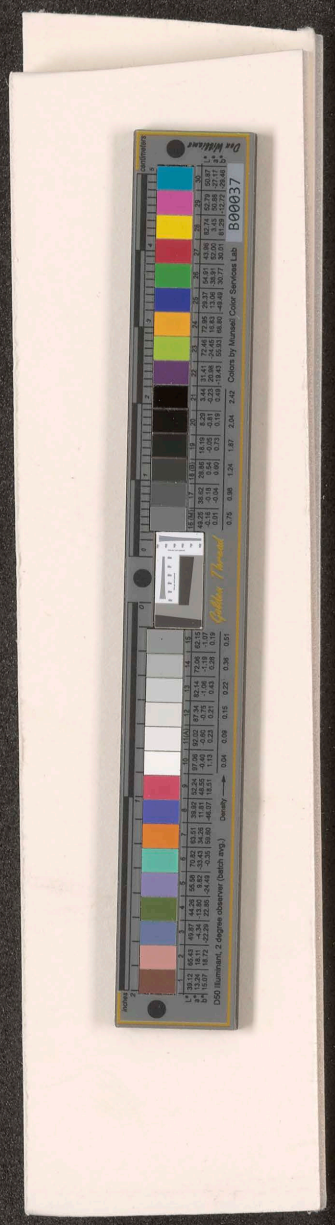


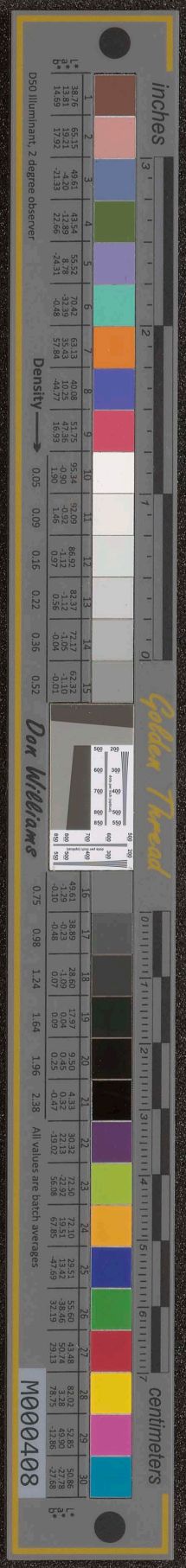

Golden Thread
Dor Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408

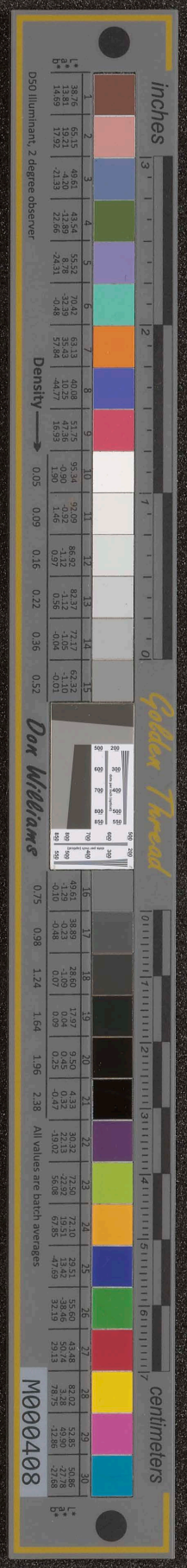
1127

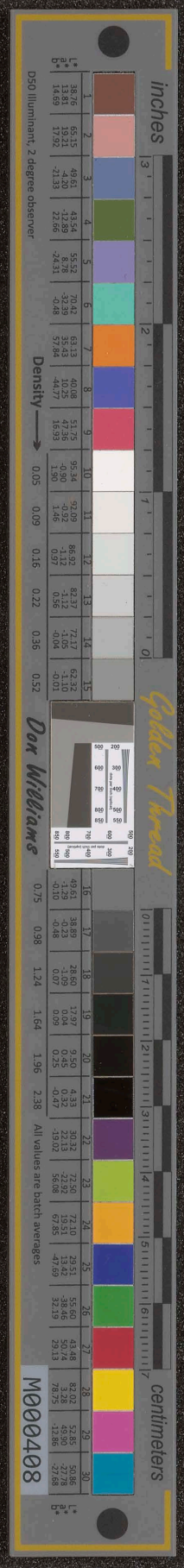

Golden Thread
Don Williams
inches
centimeters
Density
0.05 0.09 0.16 0.22 0.36 0.52 0.75 0.98 1.24 1.64 1.96 2.38
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
L* 38.76 65.15 49.61 43.54 55.52 70.42 63.13 40.08 51.75 95.34 92.09 86.92 82.37 72.17 62.32
a* 13.81 19.21 -4.20 -12.89 8.78 -32.39 35.43 10.25 47.36 -0.90 -0.92 -1.12 -1.12 -1.05 -1.10
b* 14.69 17.92 -21.33 22.66 -24.31 -0.48 57.84 -44.77 16.93 1.90 1.46 0.97 0.56 -0.04 -0.01
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
L* 49.61 38.89 28.60 17.97 9.50 4.33 30.32 72.50 72.10 29.51 55.60 43.46 82.02 52.85 50.86
a* -1.29 -0.23 -1.09 0.04 0.45 0.32 22.13 22.92 19.51 13.42 -38.46 50.74 -3.28 49.90 -27.78
b* -0.10 -0.48 0.07 0.09 0.25 -0.47 -19.02 56.08 67.85 -47.69 32.19 29.13 78.75 12.86 -27.58
D50 Illuminant, 2 degree observer
All values are batch averages
M000408

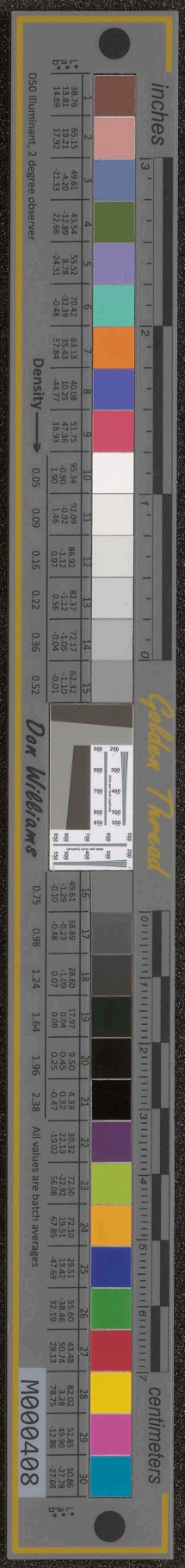

Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408

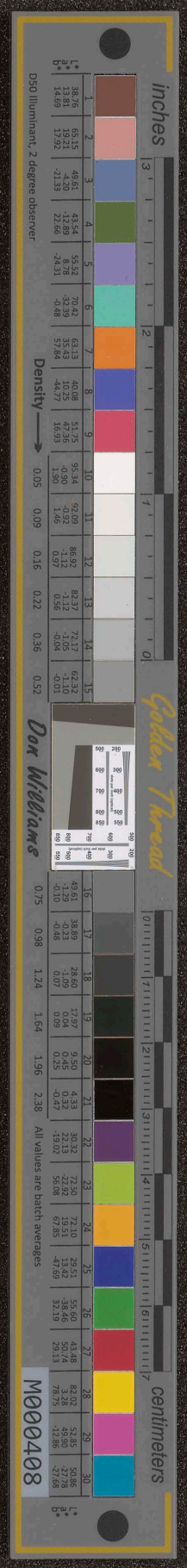

Don Williams
B00037
Golden Thread
Colors by Munsell Color Services Lab
D50 Illuminant, 2 degree observer (batch avg.)
Density

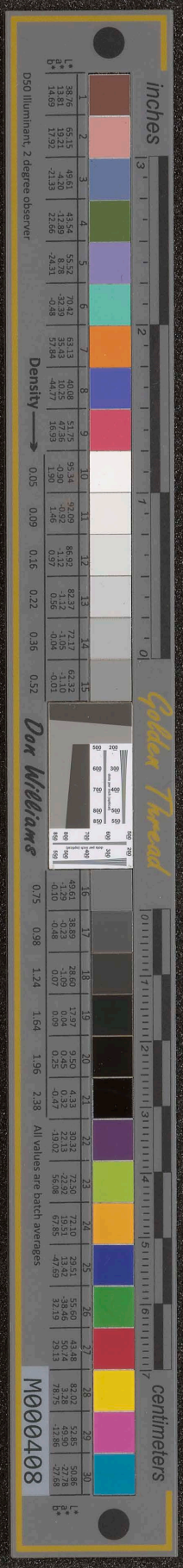

inches
centimeters
Golden Thread
Don Williams
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408


inches
centimeters
Golden Thread
Don Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


inches
centimeters
Golden Thread
Don Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


inches
centimeters
Golden Thread
Don Williams
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


Coats Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M0000408

Golden Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
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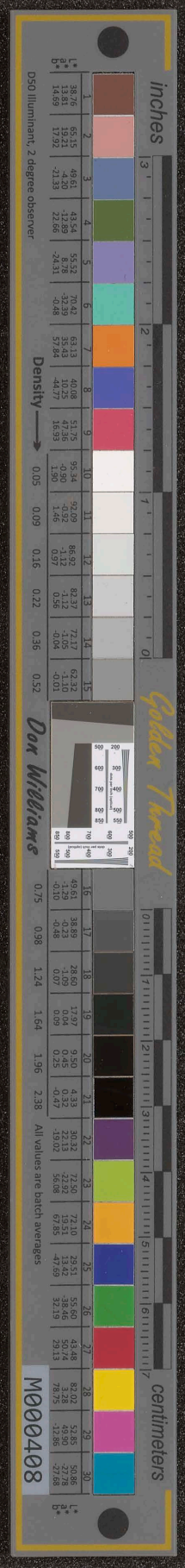
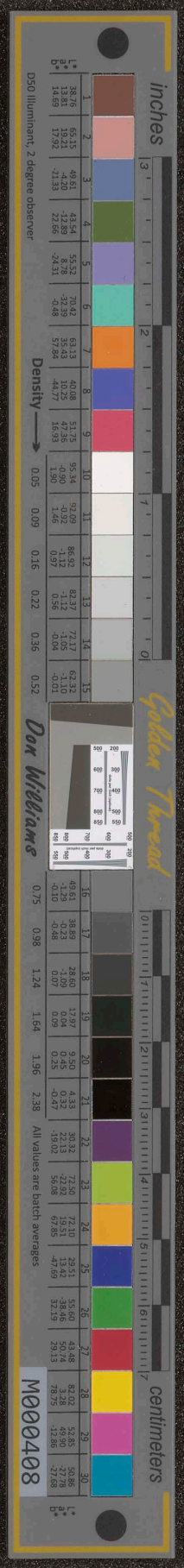
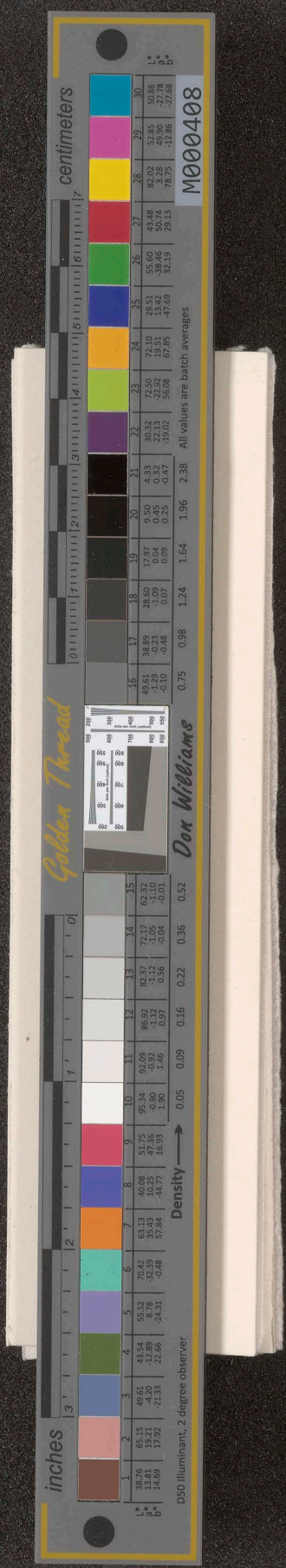
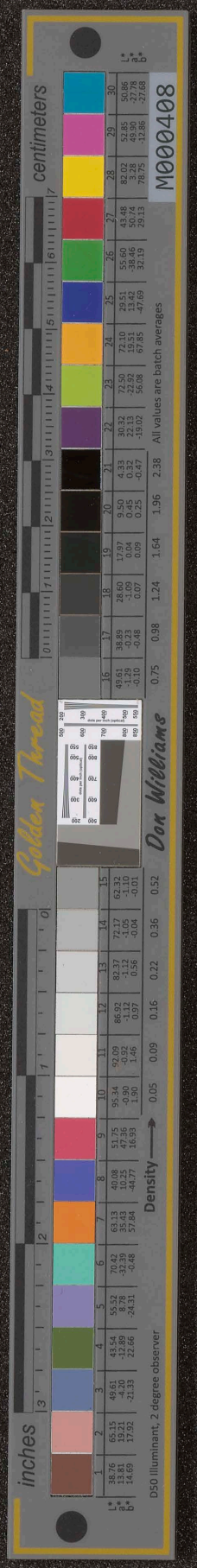

Golden Thread
Don Williams
inches
centimeters
Density
D50 Illuminant, 2 degree observer
All values are batch averages
M000408


Golden Thread
Don Williams
inches
centimeters
Density
D50 illuminant, 2 degree observer
All values are batch averages
M000408


inches
centimeters
Golden Thread
Don Williams
M000408
D50 Illuminant, 2 degree observer
All values are batch averages
Density

Colors by Munsell Color Services Lab
B00037


Golden Thread
Don Williams
inches
centimeters
D50 Illuminant, 2 degree observer
Density
All values are batch averages
M000408

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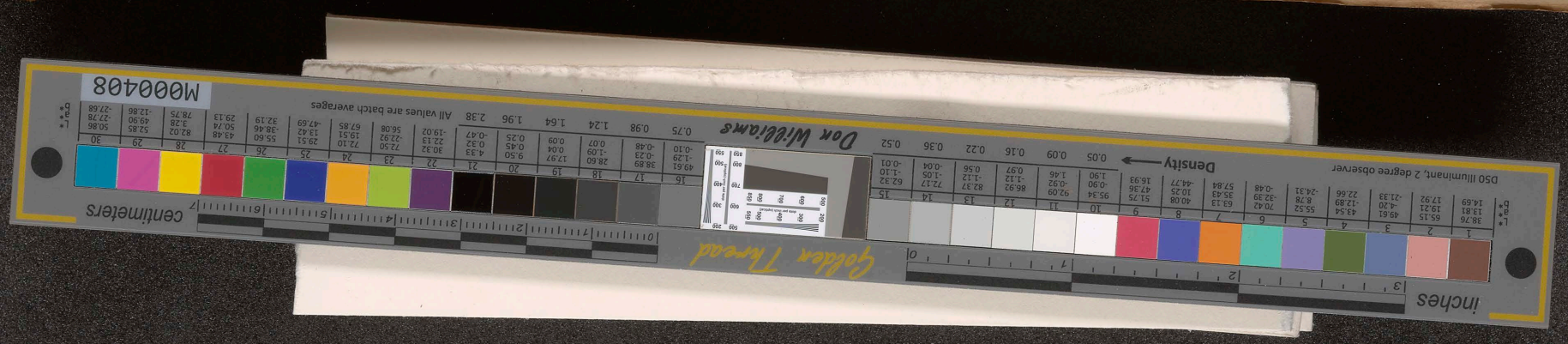
inches
Golden Thread
centimeters
Dox Williams
D50 Illuminant, 2 degree observer
Density
All values are batch averages
M000408