

Appendix 2. Section Catalog Files for Cretaceous Chronostratigraphic Database  
CRETCSDB4.2

Projects MIDK3, MIDK4, MIDK41, MIDK42, MIDK45, LOK, CRET1, CRET2, and Mowry2. See Appendix 7 for section data files.

Global reference sections define the Cretaceous chronostratigraphic database by a progressive set of graphic correlation experiments. The CRETCSDB.3 database was compiled in seven stages: I) MIDK3, II) MIDK4, III) MIDK41, IV) MIDK42, V) MIDK45, VI) LOK, VII) CRET1, VIII) CRET2, and the Mowry2 sections in the central Western Interior. SRS = Standard reference section sets Y-vertical scale.

Part I. The following sections compose the MIDK3 1994-1995 database:

Catalog File: C:\GRAPHCOR\MIDK3.CAT, Date modified 12/03/2001 & 08/03/12.

Section File	Section Name
MIDK.1	Kalaat Senan, Turonian Reference section of Coniacian
MIDK.2	Harland Geologic Time Scale, 1990: Standard Reference Section
MIDK.3B	Santa Rosa Canyon Section, Mexico
MIDK.4	DSDP 547, Offshore Morocco
MIDK.5	DSDP 545, Offshore Morocco
MIDK.6	Type Cenomanian section, France
MIDK.7	Djebel Bireno, Tunisia,
MIDK.8	Djebel Mrhila, Tunisia,
MIDK.9	Amoco No. 1 Bounds core, Kansas
MIDK.10	Kalaat Senan, Tunisia Section
MIDK.11	DSDP 386 Bermuda Plateau, Atlantic
MIDK.12	Boulonnaise Section, France
MIDK.13	Piobbico Core, Marche, Italy
MIDK.14	DSDP 369A, Offshore Morocco
MIDK.15	Pueblo, Colorado outcrop
MIDK.16	Wadi Miaidin, Oman, Scott, '90
MIDK.17	Wadi Miaidin, Oman, Simmons, '87
MIDK.18	Shell No. 1 Chapman Core, TX
MIDK.19	Shell No. 1 Tomasek Core, TX
MIDK.20	Trinity River, Texas Section
MIDK.21	Austin, Texas Composite Section
MIDK.22	Nahr Ibrahim, Lebanon
MIDK.23	Dlebta-Chenin Aair, Lebanon
MIDK.24	Mt. Risou, Rosans, SE France, Cenomanian GSSP
MIDK.25	Cap Blanc-Nez Revised, France
MIDK.26	Cismon Section, Italy (VU Data)
MIDK.27	Pie' del Dosso Section, Italy
MIDK.28	Estella Basin, NW Spain
MIDK.29	Eastbourne, UK
MIDK.30	Selbukhra Section, Crimea
MIDK.31	Kef el Azreg, Tunisia
MIDK.32	Sopeira Section, Pyrenees,
MIDK.33	Flamicell Section, Pyrenees
MIDK.34	Montsec Section, Pyrenees
MIDK.35	Peace River Composite, Canada
MIDK.36	Anderson Husky Roros, Canada
MIDK.37	Type Shell Creek Fm., Wyoming

MIDK.38	Ida ou Tanane, Morocco
MIDK.39	Chichaoua I, Morocco
MIDK.40	Timinoun, Morocco
MIDK.41	ODP 641C, Offshore Portugal
MIDK.42	42-Cassis, France C-T Reference
MIDK.43	43-Gorgo a Cerbara Section, Italy, Potential Aptian GSSP
MIDK.44	44-Culver Cliff, SE England
MIDK.45	45-Mobil Core 16, Dallas, TX
MIDK.46	46-North Colo Front Range
MIDK.47	47-Wadi Miaidin, Oman, Philip
MIDK.48	48-Blanc-Nez Composite, France
MIDK.49	49-Smedmore-Blackgang, Isle of Wight, UK
MIDK.51	Grayson Bluff, Denton Co., TX
MIDK.55	Monte Petrano, Central Italy, Proposed Albian GSSP
MIDK3.DCT	MIDK3 Dictionary

Part II. The following sections compose the MIDK4 database:

Catalog File: C:\GRAPHCOR\MIDK4.CAT, Date=01/15/2001; modified 05/21/02 & 08/03/12.

Barremian-Danian carbonate shelves and Upper Cretaceous CORBs.

<b>Section File</b>	<b>Section Name</b>
MIDK3CS.1	MIDK3 CS: Standard Reference Section
MIDK.16B	16B Wadi Miaidin, Oman (Scott, 1990)
MIDK.26B	26B Cismon Core, Italy
MIDK.400	400 Wadi Bani Kharus, Oman
MIDK.403	403 Gorbea section, Northern Spain
MIDK.406	406 Wadi El Assyi, Oman
MIDK.50	50 Wadi Miadin Section Seq Strat
MIDK.51	51 Grayson Bluff, TX
MIDK.52	52 Aube France, Lower-Mid Albian
MIDK.53	53 Weald Anticline, England, Apt-Alb
MIDK.54	54 Folkestone, England, Mid-Upper Alb
MIDK.60	60 Estella-Lizorra section, N. Spain
MIDK.61	61 Dukhan-B, Qatar
MIDK.66	66 Jebel Areif El Naqa, Sinai, Egypt
MIDK.67	67 Gebel Abu Zurub, Sinai, Egypt
MIDK.68	68 Gebel Guna, Sinai, Egypt
MIDK.69	69 Coupe de la Gare de Cassis, SE France
MIDK.71	71 Guerrero-Morelos Basin, S. Mexico
MIDK.72	72 Oued Melleque, Tunisia
MIDK.73	73 Cres Island, Croatia section
MIDK.74	74 Antruiles, Trento Plateau, Italy
MIDK.75	75 North Huqf, Oman, section S 001
MIDK.76	76 North Huqf, Oman, section S 008
MIDK.77	77 North Huqf, Oman, section D 005
MIDK.78	78 Oued Bahloul, central Tunisia
MIDK.79	79 Kef Hahouner, Algeria
MIDK.80	80 Sierra del Carche Prebetic zone, Spain
MIDK.81	81 Dugi Otok, Croatia
MIDK.84	84 DSDP Core Hole 549, SW Offshore England
MIDK.88	88 Chimana Grande, Venezuela
MIDK.89	89 Stanolind #1 Schmidt, Guadalupe Co., Texas
MIDK.90	90 Lower Mondego River, Northern Portugal

MIDK.91	91 Composite Carbonate Section, Southern Portugal
MIDK.92	92 Composite Section, Portugal
WOODCS.1	Tur-Con Comp. Std. Section, N. Germany
PECOSCS.1	Pecos River Comp. Std. Section, TX
MIDKPAL.35	ODP 1050C Blake Nose, W. Atlantic
Tibetk.1	Tibetk 1 Zongshan Section
Tibetk.2	Tibetk 2 Willems' Tingri Section
Tibetk.3	Tibetk 3 Hu's Tingri Section
Tibetk.4	Tibetk 4 Willems' Gamba section A1
Tibetk.5	Tibetk 5 Willems' Gamba section A2
Tibetk.6	Tibetk 6 Willems' Gamba section B
Tibetk.7	Tibetk 7 Chuangde Section, Guangze
Tibetk.8	Tibetk 8 Gongzha Section, Tingri, Tibet
UPK.1	UPK 1 Austin Gp., Austin, TX
UPK.2	UPK 2 Austin Gp., Dallas, TX
UPK.3	UPK 3 Olazagutia, Spain
UPK.4	UPK 4 Zumaya, Spain
UPK.5	UPK 5 El Kef K/T boundary
UPK.6	UPK 6 Hendaye, Spain
UPK.7	UPK 7 Bidart, Spain
UPK.8	UPK 8 Sopelana, Spain
UPK.11	UPK 11 Gosau Valley Composite, Austria
UPK.12	UPK 12 Tercis Quarry section, France (Kennedy)
UPK.13	UPK 13 Tercis Quarry section, France (Odin)
UPK.14	UPK 14 Lepsa, E. Carpathians, Romania
UPK.15	UPK 15 Flamicell-Pallaresa, Pyrennes, Spain
PAL.111	PAL 111 ODP 758 NE Indian Ocean
PAL.121	121 ODP 762C Exmouth Plateau, Indian Ocean
PAL.131	131 DSDP 515F Western Atlantic
PAL.141	PAL 141 ODP 752 Indian Ocean
PAL.151	PAL 151 DSDP 550+550B NE Atlantic
PAL.161	PAL 161 DSDP 548A NE Atlantic
PAL.211	PAL 211 ODP 690B Weddell Sea, Antarctica
BAPTCS.1	Base Aptian Ammonite Composite Section
MURAL.1	Lampazos, Sonora Section
MURALCS.1	Mural Composite of Sonora Sections
MIDK4.DCT	MIDK4 Dictionary

Part III. The following sections compose the MIDK41 database:

Catalog File: C:\GRAPHCOR\MIDK41.CAT, Date=11/21/2004 & 08/03/12.

<b>Section File</b>	<b>Section Name</b>
NEWKAGES.1	2004 Ages Modified (Gradstein et al., 2004): Standard Reference Section
MIDK4CS.1	Composited data of MIDK4.cat 11-18-04
MIDK.9B	Bounds, Core, Kansas – Niobrara Fm. only
MIDK.11B	11B DSDP 386 Upper & Lower Cretaceous
MIDK.15	15 Pueblo Colorado – Niobrara Fm. only
MIDK.15B	15B Pueblo, Colorado, Turonian GSSP
MIDK.20B	20B Trinity River Composited Section Revised
MIDK.21B	21B Colorado River Composited Section Revised
MIDK.57	57 Tartonne, France, Aptian-Albian
MIDK.58	58 Pre-Guitard, France, Aptian-Albian
MIDK.85	85 Blanco River, TX Composited Section

MIDK.86	86 Leon River, Tx Compositated Section
MIDK.93	93 Gulf McAlpin Well, Louisiana
MIDK.95	95 Shell 4898 # 1, Chandeleur Sound, Louisiana
MIDK.96	96 Shell 4898 # 2, Chandeleur Sound, Louisiana
MIDK.97	97 Ballard Carey-Carolla No. 1, Texas
MIDK.98	98 Roter Sattel, Switzerland
MIDK.99	99 Zasan Section, Poland
MIDK.100	100 Cassis, France Cenomanian-Turonian
MIDK.101	101 Font-Blanc, France Cenomanian-Turonian
UPK.10	UPK 10 Tiefenbach, Brandenburg, Austria
UPK.17	UPK 17 Casamance Well 10, Offshore W. Africa – Kuhnt Data
UPK.18	UPK 18 Bottacione Gorge, Italy – Khunt Data
UPK.19	UPK 19 Red Bird Section, Wyoming
UPK.21	UPK 21 Forwark Quarry, Poland
UPK.22	UPK 22 Hacho de Montejaque, Spain
UPK.24	UPK 24 Rotwandgraben, Austria
CORB382.1	DSDP 382 Central Atlantic
CORB385.1	DSDP 385 Central Atlantic
CORB398D.1	DSDP 398D, Eastern Atlantic
CORB603B.1	DSDP 603B Western Atlantic
CORB641A.1	ODP 641A North Central Atlantic
CORBICOVA.1	Covasna Valley, Siclau, Romania
CORBPOL.14	14 Zasadne Section, Poland
CORBBYST.1	Bystry Creek Section, Czech Republic v
CORBRUS.1	Khalagork, Caucasus, Russia (corbrus-1) Tur
CORBROM.1	Pietrosita, Romania (corbrom-1) – Melinte
CORB.25	25 Plagersflue, Switzerland (corb-25) – Caron
CORB.26	26 Ouzon, Switzerland (corb-26) – Caron
CORB.27	27 Buchberg, Austria – Wagreich
CORB.28	28 Oberschau, Austria – Wagreich
CORB.29	29 Oberhehenfeld, Austria – Wagreich
CORB.30	30 Hofergraben, Austria – Wagreich
CORB.31	31 Lattengebirge, Austria – Wagreich
CORB.32	32 Rehkogel RED, Austria – Wagreich
CORB.33	33 Rehkogel CT, Austria – Wagreich
CORB.34	34 Postalm-Retschegg, Austria – Wagreich
MIDK41.DCT	MIDK41 Dictionary

Part IV. The following sections compose the MIDK42 database:

Catalog File: C:\GRAPHCOR\MIDK42.CAT, Date=08/15/2006 & 08/03/12.

MIDK4.cat was modified by graphing sections spanning Cenomanian-Turonian boundary to MIDK41CS.1 to re-calibrate revised age of Cenomanian-Turonian boundary.

Section File	Section Name
MIDK41CS.1	MIDK41 CS
MIDK.16B	16B Wadi Miaidin, Oman (Scott, 1990)
MIDK.60	60 Estella-Lizarra section, N. Spain
MIDK.66	66 Jebel Areif El Naqa, Sinai, Egypt
MIDK.67	67 Gebel Abu Zurub, Sinai, Egypt
MIDK.68	68 Gebel Guna, Sinai, Egypt
MIDK.71	71 Guerrero-Morelos Basin, S. Mexico
MIDK.72	72 Oued Melleque, Tunisia
MIDK.74	74 Antruiles, Trento Plateau, Italy

MIDK.78	78 Oued Bahloul, central Tunisia
MIDK.81	81 Dugi Otok, Croatia
MIDK.84	84 DSDP Core Hole 549, SW Offshore England
MIDK.88	88 Chimana Grande, Venezuela
MIDK.90	90 Lower Mondego River, Northern Portugal
MIDK.91	91 Composite Carbonate Section, Southern Portugal
MIDK.92	92 Composite Section, Portugal
MIDKPAL.35	ODP 1050C Blake Nose, W. Atlantic
Tibetk.1	Tibetk 1 Zongshan Section
Tibetk.2	Tibetk 2 Willems' Tingri Section
Tibetk.3	Tibetk 3 Hu's Tingri Section
Tibetk.4	Tibetk 4 Willems' Gamba section A1
Tibetk.5	Tibetk 5 Willems' Gamba section A2
Tibetk.6	Tibetk 6 Willems' Gamba section B
Tibetk.7	Tibetk 7 Chuangde Section, Guangze
UPK.15	UPK 15 Flamicell-Pallaresa, Pyrennes, Spain
PAL.121	121 ODP 762C Exmouth Plateau, Indian Ocean
MIDK.1	Kalaat Senan, Turonian Reference section of Coniacian
MIDK.10	Kalaat Senan, Tunisia Section
MIDK41.DCT	MIDK41 Dictionary

Part V. The following sections compose the MIDK45 2008 database.

Catalog File: C:\GRAPHCOR\MIDK45.CAT, Date modified 4/04/2008 & 08/03/12.

<b>Section File</b>	<b>Section Name</b>
MIDK42CS.1	MIDK42 Composite Database
MIDK.1	MIDK 1 Kalaat Senan, Tunisia, Turonian
MIDK.10	MIDK 10 Kalaat Senan, Tunisia, Cenomanian
UPK.9	UPK 9 Gredero Section, SE Spain
UPK.23	UPK 23 Contessa section, Italy
UPK.25	UPK 25 Bottacione Section, Italy
UPK.27	UPK 27 Svartenhuk Section, Greenland
UPK.28	UPK 28 Central Nuussuaq Section, Greenland
UPK.29	UPK 29 Annertuneg Section, Greenland
UPK.30	UPK 30 Flamicell-Pallaresa, Tremp, Spain
UPK.31	UPK 31 Noguera-Ribagocana, Tremp, Spain
UPK.32	UPK 32 Rio Isabena, Tremp, Spain
UPK.33	UPK 33 Gosau Area Composite, Austria
UPK.34	UPK 34 Bad Ischl-Nussensee, Gosau Area, Austria
UPK.35	UPK 35 Aramunt-Pessonada, Tremp, Spain
UPK.36	UPK 36 Montesquiu-Orca, Tremp, Spain
UPK.37	UPK 37 Waxahachie Dam Spillway, TX-Campanian GSSP
UPK.38	UPK 38 Section 1, Bey Daglari, Turkey
UPK.39	UPK 39 Section 2, Bey Daglari, Turkey
UPK.44	UPK 44 Sierra del Maigmo, Spain
UPK.45	UPK 45 Sierra de Aixorta, Spain
UPK.46	UPK 46 Sierra del Carche, Spain
MIDK.69B	MIDK 69b Cassis-La Bedoule, France, Lower Aptian
MIDK.69C	MIDK69C La Marcoline Quarry, Cassis-La Bedoule, France
MIDK.81	MIDK 81 Dugi Otok, Croatia
MIDK.100	MIDK 100 Cassis, France C/T Carbonate
MIDK.101	MIDK 101 Font Blanc, France C/T Carbonates
MIDK.107	MIDK 107 Blue Point, Arizona

MIDK.108	MIDK 108 Shahneshin Mountain Section, Iran
MIDK.109	MIDK 109 Gabal El Minsherah, North Sinai
MIDK.110	MIDK 110 Gabal Yelleg, North Sinai
MIDK.111	MIDK 111 Molino River, Colombia
MIDK.112	MIDK 112 Coppa della Nuvola, Southern Italy
MIDK.113	MIDK 113 Galilee Composite, Israel
MIDK.114	MIDK 114 ODP 1183A, Ontong Java Plateau, Pacific
MIDK.115	MIDK 115 Vaucluse, SE France
MIDK.116	MIDK 116 Pioneer Hermes Gas Unit No. 1, Texas
MIDK.117	MIDK 117 Pioneer No. 1 Schroeder, Bee County, TX
MIDK.118	MIDK 118 ODP 1186, Ontong Java Plateau, Pacific
MIDK.119	MIDK 119 DSDP 263, Indian Ocean NW Australia
MIDK.120	MIDK 120 Angles section, Vocontian Basin, France
MIDK.121	MIDK 121 LAC Section, Alpes-de-Haute Provence, France
MIDK.122	MIDK 122 MEO Section, Alpes-de-Haute Provence, France
MIDK.125	MIDK 125 Hannover-Lahe Core, Saxony Germany
MIDK.126	MIDK 126 Kirchröde II Core, Saxony Germany
MIDK.127	MIDK 127 Aptian-Albian composite, SE France
MIDK.128	MIDK 128 Campillo de Arenas, Southern Spain
PAL.2B	PAL 2b Bottaccione Section, Italy
COSTB2.1	COSTB2 Well Offshore, New Jersey
COSTB3.1	COSTB3 Well Offshore, New Jersey
MIDK45.DCT	Dictionary for MIDK45 cat

Part VI. The following sections compose the LOK 2000-2004 database:  
Catalog File: C:\GRAPHCOR\LOK.CAT, Date modified 4/17/2004.

<b>Section File</b>	<b>Section Name</b>
LOK.1	1 DSDP 534 Blake Plateau
LOK.2	2 DSDP 535 Blake Plateau
LOK.3	3 Rio Argos section, Spain
LOK.4	4 Chronostratigraphic Section
LOK.5	5 Santa Rosa Canyon, Mexico
LOK.6	6 Berrias Section, France
LOK.7	7 ODP 638B & C, Offshore Spain
LOK.8	8 Bosso Valley, Italy
LOK.10	10 Barret-le-Bas Section, France
LOK.11	11 Angles Section, France
LOK.12	12 Angles Section of Bulot '92
LOK.13	13 La Charce Section, France 1995
LOK.13b	13b La Charce Section, France 2008
LOK.14	14 Curnier Section, France
LOK.15	15 Moriez (St-Firmin) Section, France
LOK.16	16 Baumugne Section, France
LOK.17	17 La Charce Combe Reboul, France
LOK.18	18 Chamaloc-Col du Rousset, France
LOK.19	19 Mont Aiguille I, Vercors, France
LOK.20	20 Mont Aiguille II, Vercors, France
LOK.21	21 Miravetes Section, Spain
LOK.22	22 Canada Lengua Section, Spain
LOK.23	23 Canada Lengua-2 Section, Spain
LOK.24	LOK 24 Barlya Section, Bulgaria
LOK.26	LOK 26 Fiume Bosso Section, Italy

LOK.27	LOK 27 Fonte Giordano Section, Italy
LOK.28	LOK 28 Puerto Escano Section, Spain
LOK.29	LOK 29 Grindstone Creek Section, Glen County, CA
LOK.DCT	LOK DICTIONARY

Part VII. The following sections compose the CRET1 2008 database:

Catalog File: C:\GRAPHCOR\CRET1.CAT, Date modified 11/16/2009 & 08/03/12.

Catalog of Cretaceous sections calibrated to 2004 time scale (Ogg, J. et al. Cambridge University Press). Minor differences in numerical ages of most stage bases except base Cenomanian, which is calibrated to Western Interior bentonites correlated to North Texas by dinoflagellates (Oboh-Ikuenobe et al. 2007, Review of Palaeobotany & Palynology, 144:77-97; Scott, 2007, Acta Geol. Sinica 81:940-948; Oboh-Ikuenobe et al., 2008, Geol. Assoc. Canada SP 48:201-227).

Section File	Section Name
CRET.1	CRET.1 Cretaceous Time Scale 2004
MIDK45CS.2	MIDK45CS.2 Chronostratigraphic Database
LOKCS.1	LOKCS.2 Chronostratigraphic Database
LOK.25	LOK.25 Gyangze Section, Tibet
MIDK.63	MIDK 63 Amoco No. 1 Elm Grove « A » Core, Texas
MIDK.129	MIDK.129 Wissant Section, Cap Blanc-Nez, France
MIDK.130	MIDK.130 Mesa Verde Mancos Shale Section, Colorado
MIDK.131	MIDK.131 Escalante Core, Utah
MIDK.132	MIDK 132 Portland Core, Colorado
MIDK.133	MIDK 133 Bunker Hill Section, Kansas
MIDK.134	MIDK 134 Gold Hill, Jeff Davis, County, Texas
MIDK.136	MIDK 136 Big Sioux Valley Composite, South Dakota
UPK.3B	UPK.3B Olazagutia East Face, Spain
UPK.23B	UPK.23B Contessa Quarry, Italy – Albian
BEERCS.1	Beer, Devon UK Compositated Turonian Sections
COSTB2.1	COST B-2 Well Offshore New Jersey
COSTB3.1	COST B-3 Well Offshore New Jersey
CONIAC.1	Coniac.1 Chalk Hill Road, Dallas, TX
CONIAC.2	Coniac.2 Bluff View, Dallas, TX
CONIAC.3	Coniac.3 Ten Mile Creek, Dallas, Tx
UPK 47a	North Fork, Wyoming
UPK 48	Glenrock, Converse Co., Wyoming
UPK 49	Powder River Outcrop, Natrona Co, Wyoming
UPK 50	Northwestern Black Hills, Crook Co., Wyoming
UPK 51	Salt Creek/Teapot Dome, Natrona Co., Wyoming
UPK 52	Buckeye Section, Larimer Co., Colorado
UPK 53	Boulder Outcrop, Boulder Co., Colorado
UPK 54	Round Butte, Larimer Co., Colorado
UPK 55	Pine Tree Gulch, Carbon County, Wyoming
UPK 56	Rock River Section, Albany County, Wyoming
UPK 57	Thornton-Upton Section, Wyoming
UPK 58	Pinto Creek Section, Kinney Co. Texas
UPK 59	Sycamore Creek Section, Kinney Co. Texas
UPK.60	UPK 60 Elgin Creek Section, Wyoming
Gallup A1.1	Composite section Gallup Formation, New Mexico
Gallup A2.1	Composite section Gallup Formation, New Mexico
Gallup B.1	Composite section Gallup Formation, New Mexico
Gallup C.1	Composite section Gallup Formation, New Mexico
Gallup 58.1	Section 58A, Gallup Formation, New Mexico
Gallup 59.1	Section 59, Gallup Formation, New Mexico

CEN.1	Hot Springs, Texas
CEN.3	Chispa Summit section, Texas
CEN.4	Ojinaga section, Mexico
CEN.8	Lozier Canyon, Texas
CEN.10	Black Mesa-Lohali Point AZ
TIBETK.9	Zhepure Shanpo Tingri, Tibet
CRET1.DCT	CRET.CAT Dictionary 06/11

Part VIII. The following sections compose the CRET2 2010 database:  
Catalog File: C:\GRAPHCOR\CRET2.CAT, Date modified 08/03/2012.  
Cen/Tur sections re-calibrated to 93.0 Ma. Saved as CRET2CS.1; edited  
Out LOs of Cen/Tur taxa; saved as CRETCS3.1; used in CRETFIX.CAT

CRET1CS.1	CRET1 Database with Cen/Tur revisions
MIDK.1	1-Kalaat Senan, Turonian
MIDK.3B	3B Santa Rosa Canyon, Mexico (1999 Nannos & CI Events)
MIDK.6	6-Type Cenomanian section, France
MIDK.9	9-Amoco No. 1 Bounds core, Kansas, U. Alb-Con
MIDK.12	12-Boulonnaise Section, France, Alb-Tur
MIDK.15	15-Canon City-Pueblo, Colorado outcrop, U. Alb-Con
MIDK.21	21-Austin, Texas Composite Section, Apt-Cen
MIDK.26	26-Cismon Section, Italy (VU Data), Apt-Tur
MIDK.29	29-Eastbourne, UK, (Cen-Tur)
MIDK.30	30-Selbukhra Section, Crimea (Alb-Tur)
MIDK.36	36-Anderson Husky Roros, Canada (Alb-Tur)
MIDK.37	37-Type Shell Creek Fm., Wyoming (Alb-Tur)
MIDK.42	42-Cassis, France C-T Reference
MIDK.44	44-Culver Cliff, SE England
MIDK.45	45-Mobil Core 16, Dallas, TX
MIDK.99	99-Zasan Section, Poland
MIDK.135	135-Cerro Cristo Rey, New Mexico
MIDK.136	136-Big Sioux Valley, South Dakota
MIDK.138	138-Miravete de la Sierra, Spain
MIDK.139	139-DSDP 511, Falkland Plateau, So. Am.
MIDK.140	140-Gulf No. 20 Dix Core, Texas
MIDK.141	141-Humble No. 46 Pruitt, Texas
MIDK.142	142-Sierra de Alvarez, Mexico
MIDK.143	143 Col de Palluel, Hautes-Alpes, France
MIDK.144	144-DSDP 400A Bay of Biscay, Offshore Spain
MIDK.149	149-Cernatu Valley, Romania
CORB603B.1	DSDP-603B Western Atlantic (corb603b-1)
LOK.29	LOK-29 Grindstone Creek, California
MOWRY2CS.2	MOWRY2 Western Interior Chronostrat Database
UPK.61	UPK61-Guru Section, Tibet
TATRACS.1	Western Tatra Mts., Poland, composited section
BryanOK.1	Bryan County, OK Composite Section
Vohrum.1	Vohrum 4 Quarry, North Germany
AptAlbcs.1	Apt-Alb Composite of Planktic Forams
Muralcs.1	Mural Formation, Sonora & Arizona
BedoulLB.1	Cassis, France core 1-Moullade et al.
BedoulLB.3	Cassis, France core 3-Moullade et al.
BACICS.1	Composite 5 section Apennines, Italy
Zagros.1	Composite 6 sections, Fars Province, Iran



CRET2.DCT	Dictionary of CRET2 Database
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Part IX. The following sections compose the Catalog File: C:\GRAPHCOR\MOWRY2.CAT  
Date=06/2013.

MOWRY.1	1 Frewens Castle, Wyoming
MOWRY.2	2 Pike Creek Section, Montana - SRS
MOWRY.3A	3 Central Montana Composite Section Revised
MOWRY.4	4 Timber Creek, Winnecook Ranch, Montana
MOWRY.7	7 Greybull, WY NW
MOWRY.8	8 Gypsum Creek, WY
MOWRY.9	9 Old Cloverly Post Office, WY
MOWRY.10	10 Shields Ranch+Tollgate Pass, New Mexico
MOWRY.11	11 Little Thompson+N. Rabbit Mtn., Colo.
MOWRY.12	12 Muddy Creek, Buffalo, Wyoming
MOWRY.13	13 Arminto Section, Wyoming
MOWRY.14	14 Alcova Section, Wyoming
MOWRY.19	19 Nordman Core, Colorado
MOWRY.20	20 Section 26, Quay Co. New Mexico
MOWRY.21	21 I-70 Roadcut W. Denver, Colorado
MOWRY.22	22 Liberty Mesa, New Mexico
GRANCS.1	Graneros Shale Composite, Kansas
MIDK.56	56 San Jon, Quay Co., New Mexico
MOWRY2.DCT	MOWRY2.DCT

Part X. The following sections compose the Catalog File: C:\GRAPHCOR\CRETFIX.CAT  
Project to adjust LO bioevents to 93.0 Ma C/T boundary. SRS = CRET.1 time scale. Save composited data as CRETCSD4.2 and use as SRS for new graphic experiments.  
Date=08/2014.

CRET.1	Chronostratigraphic 2004 Time Scale
CRETCS3.1	CRETCS3 Chronostratigraphic Dataset
NEWKAGES.1	NEWKAGES Times Scales 1993-1998-2004
MOWRY2CS.2	MOWRY2CS.2 Revised June 2013
UPK.65	Tercis, Belgium, Base Maastrichtian
PAC-CS.1	Composite of Pacific Coast Campan-Maast
HA-BACS.1	Composite of Hauterivian-Barremian SE France
MIDK.146	Alvier Section, Switzerland
MIDK.147	Churfirten Section, Switzerland
MIDK150	Sinop Basin,
CRETFIX.DCT	CRETFIX.DCT

Total number of sections – 307 (including those in composited sections)