

List of Known Winchell Samples from the 1874 Black Hills Expedition

Museum #	Date	Location	Description	Status
573	1874	Dakota	Agatized wood	HAVE
578	1874	Dakota	Calcite - fibrous, dark	lost
589	1874	Bear Butte, Dakota	Phonolyte	lost
2198	Aug. 5, 1874	Near Custer's Park, Black Hills	Rose Quartz	HAVE
2199	Aug. 8, 1874	Near Custer's Park, Black Hills	Quartzyte	lost
2200	July 23, 1874	HorseShoe Ridge, Heeng-ya-ka-ga Peak, D.T.	Phonolyte	lost
2201	July 23, 1874	Summit Heeng-ga-ka-ga	Phonolitic Trap	lost
2202	July 26, 1874	Castle Valley, Black Hills	Sandstone	HAVE
2203	July 24, 1874	Near Heeng-ya-ka-ga, Black Hills	Limestone	lost
2204	July 25, 1874	Minnelusa Valley, Black Hills	Limestone	lost
2205	July 31, 1874	Harney's Peak, Black Hills	Felsite [orthoclase]	HAVE
2206	July 29, 1874	Park Country, Black Hills	Garnetiferous Mica Schist	HAVE
2207	Aug. 12 1874	Eastern part of Black Hills	Chlorite Slate [staurolite mica schist]	HAVE
2208	July 23, 1874	Heeng-ya-ka-ga, Black Hills	Limestone	HAVE
2208		Black Hills, Dakota	Sandstone	HAVE
2209	Aug. 17, 1874	Slave Butte near Black Hills	Fossil Wood	HAVE
2210	July 29, 1874	Park Country, Black Hills	Mica Schist with various minerals	lost
2211	July 26, 1874	Castle Valley, Black Hills	Limestone [Mississippian Pahasapa Ls]	HAVE
2213	July 21, 1874	Redwater Valley, Black Hills	Gypsum [Permian - Triassic Spearfish Fm]	HAVE
2214	July 31, 1874	Top of Harney's Peak, Black Hills	Granyte (with Tourmaline Crystals)	lost
2215	July 30, 1874	Custer Park, Black Hills	Granyte (with Tourmaline)	lost
2216	July 25, 1874	Minnelusa Valley, Black Hills	Sandstone, Pinkish	HAVE
2217	July 21, 1874	Redwater Valley, Black Hills	Red Sandstone	HAVE
2218	Aug. 8, 1874	Near Custer's Park, Black Hills	Limestone [hematite]	HAVE
2219	July 14, 1874	Castle Butte, near Black Hills	Siderite [Cretaceous]	HAVE
2220	July 17, 1874	Short Pine Buttes, near Black Hills	Barite	lost
2221	Aug. 5, 1874	Near Harney's Peak, Black Hills	Muscovite	HAVE
2222	Aug. 17, 1874	Slave Butte' near Black Hills	Barite	lost
2223	Aug. 17, 1874	Slave Butte' near Black Hills	Selenite	HAVE
2223		Slave Butte near Black Hills	Calcite	HAVE
2224	Aug. 17, 1874	Black Hills, Dakota	Sandy Concretions	HAVE
2225	July 21, 1874	Near Belle Fourche river, Dakota	Belemnites densus M. and H.	lost
2226	July 11, 1874	"Ludlow's Cave", Dakota	Lignite	HAVE
2233	1874	Near Custer's Park, Black Hills	Coarse Granyte (with Tourmaline)	lost
2234	Aug. 2, 1874	3 miles S. of Custer Park, Black Hills	Tourmaline (Black)	HAVE
2235	Aug. 2, 1874	Black Hills, Dakota	Talcose Slate	HAVE
2236	Aug. 2, 1874	Black Hills, Dakota	Slate	HAVE
2242	1874	Black Hills, Dakota	Mica Schist	lost
2243	Aug. 10, 1874	Eastern part of Black Hills	Iron Ore	lost
2244	Aug. 1, 1874	2 ms, S. W. of Harney's Peak	Mica Schist (with Crystals)	lost

Museum #	Date	Location	Description	Status
2284	July 17, 1874	30 ms N. of Belle Fourche, Dakota	Fossiliferous Concretions	lost
2285	July 17, 1874	19 ms N.E. of Belle Fourche, Dakota	Fossil Wood	lost
2286	Aug. 28, 1874	Near the Heart River, Dakota	Bituminous slate	HAVE
2287	July 14, 1874	Castle Butte, Dakota	Calcite and Barite (in clay)	lost
2288	July 26, 1874	N.W. side of Short Pine Buttes, Dakota	Turtle Remains	lost
2289	July 27, 1874	Castle Valley, Black Hills	Potsdam Sandstone with Lingulepis	HAVE
2305	July 29, 1874	13 ms S.E. of camp at Box Elder Creek, BH	Micaceous Gray Quartzite	lost
2306	July 29, 1874	13 ms S.E. of camp at Box Elder Creek, BH	Hornblende Gneiss	lost
2308	1874	Fort A. Lincoln, Dakota	Agatized Wood	lost
2309	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Anchura biangulata M. and H.	?
2310	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Scaphites larvaeformis. M. and H.	?
2311	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Scaphites Conradi. Mort. (?) fragment	?
2312	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Limopsis striato-punctata. Ev and Shu.	?
2313	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Nucula planimarginata. M. and H.	?
2314	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Amauropsis paludinaefornis. M. and H.	?
2315	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Vanikoro (Neretopsis) ambigua. M. and H.	?
2316	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Pteria linguiformis. Ev. And Shu.	?
2317	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Terebratula Helena. Whitf.	?
2318	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Actaeon concinnus. M. & H.	?
2319	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Pteria linguiformis. Ev. And Shu.	?
2320	July 17, 1874	30 miles N. of Belle Fourche, Dakota	Anchura biangulata M. and H.	?
2321	Aug. 17, 1874	Slave Butte, Dakota	Inocevamus convexus. M. & H.	?
2322	Aug. 17, 1874	Slave Butte, Dakota	Scaphites Conradi. Mort.	?
2323	Aug. 15, 1874	Near Bear Butte, Dakota	Buff Shale with fish scales, vert. and spines	?
2324	July 16, 1874	30 miles N. of Belle Fourche, Dakota	(Fragments of) Baculites ovatus. Say.	?
2325	July 21, 1874	Redwater Valley, Dakota	(Fragments of) Gryphaea M. & H.(?)	?
2326	Aug. 10, 1874	E. side of Black Hills, Dakota	Internal Cast of a Terebratuloid Shell	?
2327	Aug. 10, 1874	E. side of Black Hills, Dakota	Probably Terebratula (may be Athyris)	?
2328	Aug. 10, 1874	E. side of Black Hills, Dakota	Cast of Ventral valve of Spirifera Centronata.	?
2329	Aug. 10, 1874	E. side of Black Hills, Dakota	Euomphalus. (Sp. ?)	?
2330	Aug. 10, 1874	E. side of Black Hills, Dakota	Rhynchonella (fragments of.) Sp. ?	?
2331	July 25, 1874	Floral Valley, Black Hills	Athyris. (Sp. ?)	?
2332	July 25, 1874	Floral Valley, Black Hills	(Fragments of Coral like) Zaphrentis	?
2333	July 25, 1874	Floral Valley, Black Hills	Streptorhynchus. (Sp. ?)	?
2334	July 21, 1874	Redwater Valley, Dakota	Camptonectes bellistriatus. Meek.	?
2335	July 26, 1874	Castle Val., near Divide	Spirifera centronata. Winchell	?
2336	July 26, 1874	Castle Val., near Divide	Syringopora (sp?)	?
2337	July 26, 1874	Castle Val., near Divide	Crinoidal column	?
2338	July 26, 1874	Castle Val., near Divide	Productus (sp?)	?
2339	July 26, 1874	Castle Val., near Divide	Spirifera centronata. Winchell	?
2340	July 26, 1874	Castle Val., near Divide	Campophyllum or Amplexus (sp?)	?
2341	July 26, 1874	Castle Val., near Divide	Margin of finely radiated coral, res. Zaphrentis	?

Museum #	Date	Location	Description	Status
2342	Aug. 4, 1874	Spring Creek, S.E. Black Hills	Inoceramus problematicus. Schloth.	?
2343	Aug. 4, 1874	Spring Creek, S.E. Black Hills	Zaphrentis (sp?) res. centralis Ed. And Haine.	?
2344	Aug. 4, 1874	Spring Creek, S.E. Black Hills	Athyris (sp?) resembles A. Polysyl.	?
2345	Aug. 4, 1874	Spring Creek, S.E. Black Hills	Spirifera (sp?)	?
2346	July 27, 1874	Castle Valley, Black Hills	Lingulepis pinnaeformis. M. and H.	?
2347	Aug. 10, 1874	E. side of Black Hills, Dakota	Matrix of Syringopora (prob. mult-atteunata)	?
2348	Aug. 3, 1874	French Creek, Dakota	Imprint of inside of ventral valve of Spirifera ?	?
2349	July 17, 1874	30 ms N. of Belle Fourche, Dakota	Terebratula Helena. Whitf.	?
2350	July 25, 1874	Floral Valley, Black Hills	Spirifera centronata. Winchell	?
2351	Aug. 10, 1874	E. side of Black Hills, Dakota	Spirifera centronata. Winchell	?
2352	Aug. 10, 1874	E. side of Black Hills, Dakota	Retzia (eumetria of Hall. ?	?
2353	Aug. 10, 1874	E. side of Black Hills, Dakota	Rhynchonella	?
2354	July 11, 1874	Ludlow's Cave	Siliceous Limestone (w impress. woody fiber)	?
2355	July 25, 1874	Floral Valley, Black Hills	Fossiliferous Limestone	?
2356	July 26, 1874	Divide bet. Floral and Castle Valleys	Syringopora	?
2357	Aug. 10, 1874	E. side of Black Hills, Dakota	Fossiliferous Limestone	MISSING
2358	July 21, 1874	Redwater Valley, Dakota	Fossiliferous Conglomerate	?
2359	Aug. 17, 1874	Slave Butte, Dakota	Fossiliferous concretions	?

Samples highlighted in light tone have been found with the exception of sample 2357 which was in our collections as of the early 1990s but is currently missing.

Rock and mineral samples in white are presumed to have been lost when rocks stored above Pillsbury Library were tossed into a landfill.

The status of fossil samples shown with question marks is presently unknown but under investigation.