

Name	NAHWC#	SEX	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	STL	GSC	GSC	GSC	GSC	GSC1	GSC2	GSC1	GSC2	STL	GSC	ALL
			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
1 Abrasion	8834	F										1				1		1					3	
2 Abrasion '15 calf																1							1	
3 Aerospace	9139											1											1	
4 Agent	8903						1													1			2	
5 Algebra	8937								1		1				1								3	
6 Alligator																		1		1			2	
7 Alphabet																				1			1	
8 Alphorn	0362		1									1			1			1					4	
9 Altair	8487								1					1									2	
10 Ampersand	0586	M		1								1		1						1			4	
11 Amulet	0644	F														1							1	
12 Amulet '15 calf																1							1	
13 Anchor	0366			1																			1	
14 Andreas	8880																	1		1			2	
15 Angus	8931																			1			1	
16 Aphid	9141											1											1	
17 A-Plus	9248																			1			2	
18 Appaloosa	0381								1														1	
19 Aquila	09524																						1	
20 Arroyo (Rapier '09 calf)																							1	
21 Artillery	9253											1			1			1	1				4	
22 Asparagus	9275													1									1	
23 Aswan	8789	M										1		1		1							3	
24 Atoll (Diablo '08 calf)	09492															1							1	
25 Axel																					1		1	
26 Azrael																					1		1	
27 Backcheck																						1	1	
28 Backgammon	8979											1											1	
29 Bandit	0789	M																		1		1	2	
30 Banyon	8492											1											1	
31 Barb	0667	M										1											1	
32 Batcave																					1		1	
33 Beacon					1																		1	
34 Belly	8884											1			1								2	
35 Binary	0754	F					1									1							2	
36 Binary '05 calf							1																1	
37 Blackbird	9273													1									1	
38 Blackhole	9149	F					1	1							1								3	
39 Blackhole '05 calf							1																1	
40 Blanche												1											1	

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
41 Boat Hook																			1					1
42 Bolide	8486	F										1		1				1						3
43 Bolide '11 calf	9150											1												1
44 Bombay	9151												1	1									1	3
45 Bounce	8957	F										1		1					1					3
46 Bounce '16 calf																			1					1
47 Bowline	9097											1	1						1					3
48 Bramble	8294								1										1					2
49 Breeze	8890											1												1
50 Brine	0646													1										1
51 Bristle	9276											1						1						2
52 Brushstroke	8864								1					1										2
53 Buckshot	0284	F		1										1					1					3
54 Buckshot '03 calf				1																				1
55 Buckshot '13 calf														1										1
56 Bullrush (Canopy '14 calf)	11293														1									1
57 Buzzard	1443	F										1			1	1				1	1			5
58 Cacophony	8161			1																				1
59 Cajun	8506	F										1	1	1										3
60 Calderas	0943	F								1				1					1	1				4
61 Calderas '09 calf										1														1
62 Calderas '16 calf																				1				1
63 Candelabra	9287							1											1					2
64 Cane	0556	F						1												1				2
65 Cane '06 calf								1																1
66 Canopy	8766	F	1			1							1		1				1		1			6
67 Canopy '11 calf													1											1
68 Canopy '17 calf																						1		1
69 Cantilever	8955												1	1	1				1					4
70 Cardinal	9290													1	1				1					3
71 Cat Eyes	0473									1					1	1			1					4
72 Cava	9262									1														1
73 CCS 2014 unnamed																				1				1
74 Centipede	8417				1								1							1				3
75 Chain	0578	F		1																				1
76 Chain '03 calf				1																				1
77 Chairlift	8498													1							1			2
78 Chaise	8598			1																1				2
79 Chasm	8887							1																1
80 Chinook	8466							1						1	1									3

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
81 Chromatography (Perseid '1)	9222	M										1												1
82 Circuit	9153	F		1								1			1		1		1					5
83 Circus	8712												1		1									2
84 Cirri	9210													1										1
85 Citation	8428	F						1						1										2
86 Cluster	0348	M					1																	1
87 Coal									1															1
88 Colt																					1			1
89 Columbia	0192															1								1
90 Compass	0408	F		1																				1
91 Condensation	8939																				1			1
92 Condor									1		1													2
93 Conflux	8938											1			1						1			3
94 Convict	9154													1	1									2
95 Cookout	8947													1										1
96 Coral	0768	M										1		1			1	1						4
97 Cosmos	8148	F												1				1		1				3
98 Cosmos '17 calf																					1			1
99 CRESLI 2011-SW-B	09528												1											1
100 CRESLI 2012-GSC-B	09482													1										1
101 CRESLI 2012-GSC-C	09671													1	1									2
102 CRESLI 2012-GSC-E	09486													1								1		2
103 CRESLI 2013-GSC-K	09484														1									1
104 CRESLI 2013-GSC-O	09483														1									1
105 CRESLI.MN.GSC-JULY17-03																					1			1
106 CRESLI.MN.GSC-JULY17-04																						1		1
107 CRESLI.MN.GSC-JULY17-06																						1		1
108 CRESLI.MN.GSC-JULY17-08																						1		1
109 CRESLI-GSC_2004_08_09_01					1																			1
110 CRESLI-GSC07-A	8863								1															1
111 Crossbeam	11313														1					1				2
112 Crown	0379	F												1										1
113 Crystal	0224	M				1										1					1			3
114 Dancer	9720												1											1
115 Danforth	8297					1																		1
116 Dashdot	0961	F												1										1
117 Degree	8978														1									1
118 Deuce	0503														1							1		2
119 Diablo	0253																						1	1
120 Dice	8746														1						1	1		3

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
121	Discus																			1				1
122	Divingboard	8704	F						1				1			1								3
123	Divingboard '15 calf															1								1
124	Division	8067	F									1												1
125	Dome	0554	F											1		1						1	1	4
126	Dory	9155																		1				1
127	Draco	8430			1					1												1		3
128	Dracula	0908	F		1	1						1			1	1		1						6
129	Drip		M																			1		1
130	Drizzle	9277													1									1
131	Duck	8941													1									1
132	Duckpin	9249			1	1												1	1					4
133	Dune	8519							1															1
134	Duo	0456	F		1						1													2
135	Duo '09 calf	11278									1													1
136	Dusky	0775	F					1							1									2
137	Dyad	0636	F																				1	1
138	Dyad '18 calf																						1	1
139	Easel	9070						1																1
140	Echo	0805	F				1						1		1	1								4
141	Echo '05 calf						1																	1
142	Echo '14 calf												1				1							2
143	Eelgrass												1											1
144	Egret	8767															1							1
145	Electron	0746			1												1							2
146	Elephant																			1				1
147	Ember	0340	M								1		1		1				1					4
148	Entropy	8501															1							1
149	Epee	8520				1							1						1			1		4
150	Equals	0939																		1	1			2
151	Erosion	3641			1																			1
152	Eruption	8828	F		1	1							1			1			1					5
153	Eruption '16 calf																		1					1
154	Esca	8933											1											1
155	Etch-a-sketch	8484	F			1																	1	2
156	Exclaim	8483						1				1												2
157	Face-off	9382																				1		1
158	Fairway	8334							1															1
159	Falcon	8491				1										1								2
160	Farfalle																					1		1

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19	
161 Fern	0384	F												1									1
162 Fez	0963																	1					1
163 Filament	0873	F		1																			1
164 Filigree	0264	F					1						1										2
165 Filigree '12 calf													1										1
166 Firefly	0954	F				1			1			1	1	1	1								5
167 Firefly '13 calf														1									1
168 Flock	4196																	1					1
169 Flounder	8439														1		1						2
170 Flyingfish	8892								1														1
171 Forceps	9159							1															1
172 Fracture	8008	M			1							1				1							3
173 Fragment	8505		1	1	1					1					1	1							6
174 Fray	8948																				1		1
175 Freckles	0699																		1				1
176 Freefall	9250									1													1
177 Fulcrum	0543	F		1												1		1					3
178 Fulcrum '15 calf	17071															1							1
179 Galactic	9264								1	1													2
180 Gamma							1																1
181 Ganesh	8823	F						1				1		1	1	1		1					5
182 Ganesh '11 calf												1											1
183 Ganesh '16 calf																			1				1
184 Gangplank	9000														1								1
185 Gap	9265														1								1
186 Garden	9266								1														1
187 Gargoyle	9224												1										1
188 Genie	9057														1								1
189 Geometry	8467	M		1																			1
190 Ghost	0437						1									1				1			3
191 Giraffe	0632	F		1											1			1	1				4
192 Giraffe '14 calf															1								1
193 Gladiator	9072																				1		1
194 Glo	0413	F		1				1						1				1					4
195 Glo '13 calf														1									1
196 Glo '16 calf																		1					1
197 Glo-Stick	8868	F														1		1		1			3
198 Glo-Stick '17 calf																					1		1
199 Gouge																					1		1
200 Grackle	8442																	1	1				2

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
201	Grater								1															1
202	Greenbean	8597						1				1												2
203	GSC.CRESLI.2014.08.11-04														1									1
204	GSC.CRESLI.2015.08.10-06															1								1
205	GSC.CRESLI.2016.08.15-05																			1				1
206	GSC.CRESLI.2016.08.15-07																			1				1
207	GSC.CRESLI.2016.08.15-12																			1				1
208	GSC.CRESLI.2016.08.15-19																			1				1
209	GSC.CRESLI.2016.08.15-20																			1				1
210	GSC.CRESLI.2016.08.15-21																			1				1
211	GSC.CRESLI.2017.08.14-01																					1		1
212	GSC.CRESLI.2017.08.14-02																					1		1
213	Habanero	8875	F		1					1					1									3
214	Hancock	8039	F										1			1								2
215	Hangman	9272								1														1
216	Hasselback		M																			1		1
217	Hatchmark																			1				1
218	Hatpin	8599								1														1
219	Hippocampus	9162											1							1				2
220	Hollow	8761							1															1
221	Hornet	9163								1				1	1				1					4
222	Howler	8583							1	1														2
223	Huyana							1																1
224	HWC #0756	0756						1																1
225	HW-MN0100371																					1		1
226	HW-MN0101467																				1			1
227	If	9227															1							1
228	Inchworm	8306						1		1				1						1				4
229	Indiana	9164							1															1
230	Infinity	8847				1				1		1		1	1	1			1		1			8
231	Iota	0742	F												1					1				2
232	Iota '14 calf														1									1
233	Iris	0364	M											1		1								2
234	Isla	8862							1															1
235	Isoceles	0761	F											1										1
236	I-Vee	0409																		1				1
237	Jabiru	8469											1											1
238	Jenga									1											1	1		3
239	Jet	8897								1	1													2
240	Jigsaw	09525											1							1				2

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
241 Joust																1								1
242 Joy	8683					1						1		1										3
243 JT	6651													1		1								2
244 Jumanji	9166						1					1		1	1					1				5
245 Jungle	8981							1																1
246 Jupiter																						1		1
247 Kappa	8459																					1		1
248 Kickoff	8768																					1		1
249 Kite	0375						1																	1
250 Klondike	8898									1														1
251 Lacuna	8219		1																					1
252 Landslide	8699										1													1
253 Lariat	9167				1	1							1		1									4
254 Lascaux	8308									1														1
255 Lava	0591																							1
256 Leonid	8830					1					1					1			1					4
257 Leukos	0299	F		1											1				1					3
258 Leukos '10 calf	10371																			1				1
259 Level	8900							1			1				1									3
260 Lichen	0482														1									1
261 Liliium	9305													1	1		1							3
262 Literal	8928																				1			1
263 Lobo	8691																				1	1		2
264 Lollipop																						1		1
265 Longboard	8848														1									1
266 Loon	0460	F				1	1				1				1	1								5
267 Loon '14 calf																1								1
268 Lynx	0268	F						1									1			1				3
269 Lynx '16 calf	17091																				1			1
270 Madari	9405									1														1
271 MAHWC#349																						1		1
272 Manhattan	9169	F								1														1
273 Mantis	8213																				1			1
274 Mars	0269	F								1														1
275 Mars' '07 calf										1														1
276 Marsh																1								1
277 Masquerade																						1		1
278 Mayo	8603														1							1		2
279 Medal	89047																1							1
280 Meerkat	8041			1											1	1								3

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
281 Mend	9312																	1					1	
282 Meteor	0266			1																			1	
283 Meteorite																		1	1				2	
284 Midnight	0199	F										1											1	
285 Milkweed	8585	F										1			1								2	
286 Milkweed '14 calf															1								1	
287 Mira	9171													1									1	
288 MN0100371 (HW catalog)																					1		1	
289 Monarch	8795	F													1			1					2	
290 Monarch '16 calf																		1					1	
291 Mostaza	8944	F			1					1													2	
292 Mudskipper																						1	1	
293 Multiply																						1	1	
294 Music	8836												1			1						1	3	
295 Navajo	0225							1															1	
296 Nazca	9016																		1				1	
297 Newton	0508																1						1	
298 NYB002 (history S of GOM)																						1	1	
299 NYC0028	9611																			1			1	
300 NYC0154 (Liner '16 calf)																				1			1	
301 NYC0181 (named in 2020)																		1					1	
302 Obtuse	0552																				1		1	
303 Orbit (Stingray)	0167	F													1						1		2	
304 Oreo	0765															1							1	
305 Osprey	9316													1								1	2	
306 Palette	0862															1							1	
307 Paras	9002						1	1															2	
308 Parens	0647	M	1							1								1	1				4	
309 Peajack '12 calf																		1					1	
310 Pele	8821												1										1	
311 Peninsula	0466														1				1		1		3	
312 Pepper	0074	F		1																			1	
313 Pepper '03 calf				1																			1	
314 Perpendicular (Venom '14 c	11300															1							1	
315 Perseid	8824	F													1							1	2	
316 Phantom	0579	F							1											1			2	
317 Phantom '06 calf								1															1	
318 Phantom '16 calf																				1			1	
319 Pharos	08985																1						1	
320 Phosphorescence	9324	F								1							1	1		1			4	

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
321 Phosphorescence '16 calf																		1					1	
322 Photon	8741	F		1																			1	
323 Photon '09 calf																				1			1	
324 Pisces	0806	F							1														1	
325 Pisces' 09 calf									1														1	
326 Pitcher	8861											1						1					2	
327 Pivot	9319											1						1					2	
328 Pixar	8470											1			1								2	
329 Plateau	8987	F		1				1															2	
330 Pleats	8993											1			1			1					3	
331 Plumblin	9085			1																			1	
332 Pogo	8732	F						1				1											2	
333 Polaris	0412	M				1						1		1		1							4	
334 Polkadot	9327								1														1	
335 Pox	8113													1					1				2	
336 Pumba	9328											1			1								2	
337 Pumpkin seed	8962								1			1			1								3	
338 Purity (Ivory)	0208	F			1	1													1				3	
339 Purity '05 calf						1																	1	
340 Putter	8144	M			1							1				1		1					4	
341 Quercus	0678	F								1													1	
342 Quercus '09 calf										1													1	
343 Quote	0393			1																			1	
344 Raccoon	0479	M							1														1	
345 Rainforest	8454	F							1	1	1												3	
346 Rattan	8829	F	1	1					1	1		1							1				6	
347 Rattan '09 calf										1													1	
348 Rattan '16 calf																			1				1	
349 Ravine	8963									1													1	
350 Reaper	0616	F														1							1	
351 Reaper '14 calf																1							1	
352 Reflection	8246	F														1							1	
353 Reflection '14 calf																1							1	
354 Ridgeline																			1				1	
355 Right Bar (Liner)	0263	F																	1				1	
356 Rocker	0917	M		1													1		1				3	
357 Rogue	9236							1															1	
358 Roswell	8504	F			1																		1	
359 Rotary	0357	F								1													1	
360 Rune	0261	F													1								1	

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			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19	
361 Sabot	0947	F		1																			1
362 Safari (Cardhu 06)								1															1
363 Saloon	9331				1																		1
364 Salt	0036	F		1																			1
365 Samara	9181	F																1					1
366 Samara '16 calf																		1					1
367 Samovar	0962	F					1		1						1					1			4
368 Samovar '17 calf																				1			1
369 Sanchal	9182													1					1				2
370 Scarab	8604	F		1											1								2
371 Scarab '15 calf															1								1
372 Scarp	8670							1			1												2
373 Scrape	0585	F							1									1					2
374 Scrape '08 calf									1														1
375 Scratch	0148	F										1		1				1					3
376 Scrimshaw	9526													1									1
377 Scylla	0331	F																		1			1
378 Shards	8000														1					1			2
379 Shimmer	9527													1									1
380 Shuffleboard	9185	F							1							1						1	3
381 Shuffleboard '15 calf																1							1
382 Sirius	0341	M								1								1					2
383 Skateboard	0455													1									1
384 Slope	0645						1																1
385 Snare	9187													1									1
386 Snow Plow	9237						1								1								2
387 Snowslide																		1					1
388 Solas	8315							1															1
389 Soot	8964											1		1				1					3
390 Spectrogram	9386								1														1
391 Spike	0432				1																		1
392 Spirit	9188														1	1							2
393 Splice	0683															1							1
394 Springboard	9184				1																		1
395 Sprinkler	8990							1															1
396 Staccato																1							1
397 Stonehenge		F		1																			1
398 Stonehenge '03 calf				1																			1
399 Stonewall	8874											1		1									2

Name	NAHWC#	SEX	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	STL	GSC	GSC	GSC	GSC	GSC1	GSC2	GSC1	GSC2	STL	GSC	ALL	
			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19		
400 Storm	8991											1			1	1							3	
401 Strike	0884	F		1						1		1											1	4
402 Strike '09 calf										1	1													2
403 Stub	0164															1		1		1				3
404 Stump	0719						1			1						1								3
405 Stylus	0867				1																			1
406 Suspension											1													1
407 Sweep																			1	1				2
408 Synapse	8416															1								1
409 Talus	9192										1													1
410 Tapioca	9193											1												1
411 Tatsu	9194														1									1
412 Tau	0469	F																1	1					2
413 Tau '16 calf																		1	1					2
414 Teapot	8856			1																				1
415 Tear	0906	M		1								1		1	1									4
416 Tectonic	8992					1								1		1								3
417 Thalassa	0467	F		1	1				1	1	1				1	1								7
418 Thalassa '09 calf											1													1
419 Thalassa '14 calf															1									1
420 Thicket	8317													1		1								2
421 Thimble				1																				1
422 Thread	0417	M		1											1					1				3
423 Thumbprint										1														1
424 Thumper	8473	F												1	1						1			3
425 Thumper '14 calf	11296														1									1
426 Tiara	0365	M		1																				1
427 Ticker	9240								1															1
428 Tilt	9357					1											1	1						3
429 Tornado	0741	F	1																					1
430 Touche	0405	M					1																	1
431 Tracer	8474											1		1						1				3
432 Treasure	0869										1											1		2
433 Triad	0584			1																				1
434 Trim	0753	F	1							1					1	1								4
435 Trim '08 calf										1														1
436 Trim '13 calf																	1							1
437 Tunguska	8822			1	1	1						1		1	1									6
438 Twine	9196											1				1								2
439 Twister	0872														1									1

Name	NAHWC#	SEX	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	GSC	STL	GSC	GSC	GSC	GSC	GSC1	GSC2	GSC1	GSC2	STL	GSC	ALL
			02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	16	17	17	18	19	
440 UFO (Rune '13 calf)														1									1
441 Underline	6274	M												1									1
442 Unnamed (NA-8762)	8762							1															1
443 Ursa	0248	F						1										1					2
444 Venom	9201	F										1		1									2
445 Venom '11 calf												1											1
446 Ventisca	9056	F							1														1
447 Vertex	9098													1									1
448 Viking	9366																	1					1
449 Vulture	0743	F													1								1
450 Vulture '14 calf															1			1					2
451 Walrus	0218	M	1	1								1											3
452 Warrior	0187	F												1									1
453 Wasabi	8475			1																			1
454 Waterstrider	9203																			1			1
455 Wave	9100								1		1	1		1	1								5
456 Whiplash																			1				1
457 Windrose	9204											1							1				2
458 Windsock	9242							1															1
459 Wizard	0997	F	1																		1	1	3
460 Woodpecker	8935														1								1
461 Wyoming	0740			1											1	1							3
462 Yahtzee	9372													1		1							2
463 Yoo Hoo	9478													1				1					3
464 Yosemite	8596			1																			1
465 Zebra	0399			1																			1
466 Zeppelin	0899	F			1	1									1			1					4
467 Zeppelin '05 calf	8711					1																	1
468 Zeppelin '09 calf											1												1
469 Zeppelin '16 calf																			1				1
470 Zipper	0454			1																			1
471 Zodiac	0464	M					1			1									1				3
TOTAL KNOWN PER YEAR			10	50	23	30	33	29	26	51	11	74	15	86	88	64	14	111	35	52	7	5	813
TOTAL UNKNOWN PER YEAR			140	111	9	3	0	2	10	14	12	4	5	13	8	16	29	9	13	8	0	0	406
GRAND TOTAL			150	161	32	33	33	31	36	65	23	78	20	99	96	80	43	120	48	60	7	5	1219