



RED FOX
ARCTIC COASTAL PLAINS

The red fox inhabits most of L the northern hemisphere, including a recent expansion into Alaska's coastal Arctic. Fox are opportunistic hunters and surprisingly fast on foot. Their coats can be red, silver/ black, or cross, like the one above. A fox on the hunt is constantly moving which makes photography challenging. Maintaining accurate focus with a long lens is not an easy process. Once in a while, a fox will stop momentarily to listen for rodents, and when that happens, responding quickly is important.

Camera: Canon 1D Mark IV Lens: Canon 500mm f/4L IS Exposure: 1/400 sec., @ f/4, ISO 800 © Patrick J Endres / AlaskaPhotoGraphics.com

DECEMBER 2018

S	M	T	W	Т	F	S			
						1			
2	3	4	5	6	7	8			
9	10	11	12	13	14	15			
16	17	18	19	20	21	22			
23	24	25	26	27	28	29			
30	31								
	F	EBR	UAR	Y 201	9				
S	F M	EBR T	UAR'	Y 201 T	9 F	S			
<u>S</u>						S 2			
<u>s</u>					F				
	M	Т	W	Т	F 1	2			
3	M 4	T 5	W 6	T 7	F 1 8	2 9			

JANUARY

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5 New Moon
	Τ.	New Year's Day				
6	7	8	9	10	11	12
13 Pirst Quarter	14	15	16	17	18	19
20 OFull Moon	Martin Luther King, Jr. Day	22	23	24	25	26
International Holocaust Remembrance Day		29	30	31		otographs is my favorite? going to take tomorrow." Imogen Cunningham





BULL MUSKOXEN
ARCTIC NORTH SLOPE

Bull muskoxen are not aggressive by nature, but they can be fierce defenders if challenged or threatened. The boss is the thick part of the muskox horns which protects the bulls when they butt heads. On this windy and overcast afternoon, the light was fading quickly. I hiked across the snowy tundra to a group of four bull muskoxen and used a long lens to maintain a safe working distance. Soon the bulls began sparring by butting their heads together and pushing each other until one relinquished, ensued by a chase.

Camera: Canon 5D Mark III
Lens: Canon 500mm f/4L IS II
Exposure: 1/500 sec., @ f/4, ISO 640
© Patrick J Endres / AlaskaPhotoGraphics.com

JANUARY 2019

	S	Μ	T	W	T	F	S	
			1	2	3	4	5	
	6	7	8	9	10	11	12	
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30	31			
MARCH 2019								
			141711	CII	2017			
	S	M	Т	W	T	F	S	
	_S	M				F 1		
	3	M 4						
			Т	W	T	1	2	
	3	4	T 5	W 6	T 7	1 8	2 9	
	3 10	4 11	5 12	6 13	7 14	1 8 15	2 9 16	
	3 10 17	4 11 18	5 12 19	6 13 20	7 14 21	1 8 15 22	2 9 16 23	

FEBRUARY

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		«]	Laws change; people die;	the land remains." Abraham Lincoln	1	Groundhog Day Marmot Day
3	4 New Moon	5 Chinese New Year	6	7	8	9
10	11	12 Pirst Quarter	13	14 St. Valentine's Day	15	16
17	18 Presidents' Day	19 OFull Moon	20	21	22	23
24	25	26 CLast Quarter	27	28		





Aurora Borealis Alaska Range

Rustic cabin life has its roots in Alaska's pioneer days, but it retains a nostalgia that many Alaskans still embrace today. It is a simple way of living, close to nature, but not necessarily easy. Many Alaskans enjoy recreational cabins nestled in the mountains and forests throughout the state. A warm glowing cabin under the aurora filled sky conveys the spirit of this experience perfectly. To balance the lighting in this picture, I placed a small kerosene lamp on the porch to cast a warm glow on the wood walls and cabin entrance.

Camera: Canon 5D Mark III Lens: Tamron 15-30mm f/2.8 (18mm) Exposure: 8 sec., @ f/2.8, ISO 2000 © Patrick J Endres / AlaskaPhotoGraphics.com

FEBRUARY 2019

3 4 5 6 7 8 9 10 11 12 13 14 15 16

17	18	19	20	21	22	23
24	25	26	27	28		
		A D1	RIL 2	010		
		АГІ	XIL 2	019		
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MARCH

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			aska as a young man just And like so many of us in		1	2
3	4	5	Ash Wednesday	7	8	9
Daylight Saving Time begins	11	12	13	14 Prirst Quarter	15	16
17 St. Patrick's Day	18	19	Purim begins Spring Equinox	21	22	23
24	25	26	27 CLast Quarter	28	29	30
31	Seward's Day Commemorates the signing of the Alaska Purchase treaty from Russia in 1867					





Humpback Whales

PRINCE WILLIAM SOUND

T Impback whales spend the winter in warm tropical waters to give birth. In the spring, they migrate north with their young to feed in Alaska's cool, food rich waters. Some return to Prince William Sound, an island dotted waterway flanked by lush green forested hillsides. When photographing whales it is challenging but important to do your best to anticipate where the whale will surface. This helps you choose a background suitable for the composition. Backgrounds are as integral as the foreground and easy to overlook.

Camera: Canon 1Ds Lens: Canon 100-400mm f/4.5-5.6L IS (220mm) Exposure: 1/500 sec., @ f/6.3, ISO 100 © Patrick J Endres / AlaskaPhotoGraphics.com

> MARCH 2019 S M T W T F S

3 4 5 6 7 8 9

10	11	12	13	14	15	16				
17	18	19	20	21	22	23				
24	25	26	27	28	29	30				
31										
MAY 2019										
S	M	T	W	Т	F	S				
			1	2	3	4				
5	6	7	8	9	10	11				
12	13	14	15	16	17	18				
19	20	21	22	23	24	25				

APRIL

"The sea, once it casts its spell, holds one in

its net of wonder forever."

JACQUES YVES COUSTEAU

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5 New Moon	6
	April Fools' Day					
7	8	9	10	11	12 Pirst Quarter	13
14	15	16	17	18	19 OFull Moon	20
					Passover begins	
Palm Sunday					Good Friday	
21	22	23	24	25	26 CLast Quarter	27
Easter	Earth Day				Arbor Day	
28	29	30				





GLACIER ICEBERGS
KENAI FJORDS NATIONAL PARK

The Bear Glacier descends out of the Kenai Mountains and meets the water in Bear Glacier Lagoon. A small spit of lands separates the lagoon from the Pacific Ocean and traps large icebergs that calve from the glacier terminus. I spent a few nights camping along the shores and kayaking among the giant and beautifully sculpted icebergs. The deep blue hues of the glacier ice are accentuated under cloudy skies which temper an otherwise harsh sun and provide balanced tonal conditions ideal for landscape photography.

Camera: Canon 5D Mark III Lens: Canon 24-105mm f/4L IS (32mm) Exposure: 1/400 sec., @ f/6.3, ISO 800 © Patrick J Endres / AlaskaPhotoGraphics.com

APRIL 2019									
S	M	$\mathbf{M} \mathbf{T} \mathbf{W} \mathbf{T}$							
	1	2	3	4	5	6			
7	8	9	10	11	12	13			
14	15	16	17	18	19	20			
21	22	23	24	25	26	27			
28	29	30							

JUNE 2019								
	S	M	T	W	T	F	S	
							1	
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30							

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Sa	turday
			1	2	3	4	New Moon
"Conservation	is a state of harmony beta	ween men and land." Aldo Leopold					
	,		Yom HaShoah begins				
5	6	7	8	9	10	11	First Quarter
Cinco de Mayo							
12	13	14	15	16	17	18	Full Moon
Mother's Day						Armed	l Forces Day
19	20	21	22	23	24	25	
	Victoria Day						
26 TLast Quarter	27	28	29	30	31		
	Memorial Day						





KING EIDER
ARCTIC COAST

The king eider is one of North America's most spectacular waterfowl species. In middle June near the summer solstice, the king eider's breeding plumage is so bright and colorful that it almost looks artificial. I took this photo in a small tundra pond near the Prudhoe Bay oil fields on Alaska's Arctic coast. The ducks stop over in the small ponds during their spring migration. Since the sun never sets in June, I photograph all night long when the sun reaches a lower angle along the horizon and casts a warm glow.

Camera: Canon 1D Mark IV Lens: Canon 500mm f/4L IS w/2x (1000mm) Exposure: 1/320 sec., @ f/8, ISO 200 © Patrick J Endres / AlaskaPhotoGraphics.com

> MAY 2019 S M T W T F S

5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	
		111	LY 20	110		
		JU.	LI 20	117		
S	M	T	W	T	F	S
			* *	1	1.	
1	2	3	4	5	6	7
1 8	2 9	3 10				
			4	5	6	7
8	9	10	4 11	5 12 19	6 13 20	7 14

				Ţ	IJ	2019 TE
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Y"	ou miss 100% of the shot.	s you don't take." Wayne Gretzky	1
2	3 New Moon	4	5	6	7	8
9 Pirst Quarter	10	11	12	13	14 Flag Day	15
16 Father's Day	17 OFull Moon	18	19	20	21 Summer Solstice	22
30	24	25 CLast Quarter	26	27	28	29





WILLOW LAKE WRANGELL MOUNTAINS

Willow Lake is situated along the Richardson Highway. Looking across it on a clear day is a stunning sight as peaks from the Wrangell Mountains loom in the distance. I can't tell you how many times I have driven by it with hopes of making a picture but encountered cloudy skies. On yet another cloudy evening, I camped near this view at a roadside turnout hoping for clear morning skies. I woke up to this and photographed many views with different lenses during the long dawn to eventual sunrise.

Camera: Canon 5D Mark II Lens: Canon 24-105mm f/4L IS (24mm) Exposure: 0.3 sec, @ f/16, ISO 100 © Patrick J Endres / AlaskaPhotoGraphics.com

> JUNE 2019 S M T W T F S

> 2 3 4 5 6 7 8

9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30								
AUGUST 2019								
S	M	T	W	T	F	S		
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		

				U	2019 LY
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 New Moon	3	4	5	6
	Canada Day			Independence Day		
7	8	9 Pirst Quarter	10	11	12	13
14	15	16 OFull Moon	17	18	19	20
21	22	23	24 CLast Quarter	25	26	27
28	29	30	31 New Moon		"L	ove the life you live.

Live the life you love."

BOB MARLEY





DENALI & WONDER LAKE
DENALI NATIONAL PARK

Denali Park has a short summer which begins in June and fades away in late August. As the vegetation begins to change color and the temperatures cool down, seeing a mist rising from Wonder Lake in the early morning hours is common. At sunrise I hiked along a trail that borders the lake shore to capture this classic mountain scene. Denali's North Face falls steeply and abruptly in the morning shadow. In contrast, Pioneer Ridge and the mountain's east side are lit by the warm light of the morning

Camera: Canon 5D Mark IV Lens: Canon 24-105mm f/4L IS (55mm) Exposure: 1/50 sec., @ f/10, ISO 200 © Patrick J Endres / AlaskaPhotoGraphics.com

sunshine.

JULY 2019										
S	M	T	W	T	F	S				
	1	2	3	4	5	6				
7	8	9	10	11	12	13				
14	15	16	17	18	19	20				
21	22	23	24	25	26	27				
28	29	30	31							

	SEPTEMBER 2019								
	S	M	T	W	T	F	S		
	1	2	3	4	5	6	7		
	8	9	10	11	12	13	14		
1	5	16	17	18	19	20	21		
2	2	23	24	25	26	27	28		
2	9	30							

AUGUS

				77(
Sı	unday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	"It is our task	in our time and in our g	reneration to hand dogun	undiminished to	1	2	3
		who come after usthe	natural wealth and beau				
4		5	6	7 Pirst Quarter	8	9	10
11		12	13	14	15 OFull Moon	16	17
18		Discovery Day	20	21	22	23 CLast Quarter	24
25		26	27	28	29	30 New Moon	31





GRIZZLY BEAR DENALI NATIONAL PARK

uring a mid-September Photography excursion to Denali Park, this female grizzly bear walked into one of the few remaining brightly colored blueberry patches located next to the road in Sable Pass. Typically, during this time of year, bears rarely pause from constant eating, but this bear broke that routine and sat upright and posed in a variety of positions. I took the picture years ago when using a film camera and remember hastily changing rolls of film during the encounter, something happily lost to the digital age.

Camera: Canon EOS3 Lens: Canon 400mm f/2.8L Exposure: 1/250 sec., @ f/5.6, ISO 50 © Patrick J Endres / AlaskaPhotoGraphics.com

AUGUST 2019							
	S	M	T	W	T	F	S
					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

	OCTOBER 2019							
S	M	T	W	Т	F	S		
		1	2	3	4	5		
6	7	8	9	10	11	12		
13	14	15	16	17	18	19		
20	21	22	23	24	25	26		
27	28	29	30	31				

Rosh Hashanah

begins

SEPTEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5 Pirst Quarter	6	7
	Labor Day					
8	9	10	11	12	13 OFull Moon	14
15	16	17	18	19	20	21 OLast Quarter
22	23	24	25	26	27	28 New Moon
Fall Fauinov						
Fall Equinox	30					

"It is that range of biodiversity that we must care for the whole thing—rather than just one or two stars."

DAVID ATTENBOROUGH





Mountain Goat Kenai Fjords National Park

Mountain goats inhabit the rugged mountains in southcentral and southeastern Alaska. Both sexes have short black horns and a long, shaggy coat of white fur. They are extremely sure-footed and traverse rocky slopes and cliffs with ease. Photographing them will likely involve accessing high country. I hiked a little over 3000 vertical feet to photograph this beautiful animal near the Harding Ice Field in the Kenai Mountains. I used a 500mm lens to get the necessary reach while maintaining a respectful distance.

Camera: Canon 5D Mark II Lens: Canon 500mm f/4L IS Exposure: 1/200 sec., @ f/5.6, ISO 100 © Patrick J Endres / AlaskaPhotoGraphics.com

	SEPTEMBER 2019								
S	M	T	W	T	F	S			
1	2	3	4	5	6	7			
8	9	10	11	12	13	14			
15	16	17	18	19	20	21			
22	23	24	25	26	27	28			
29	30								

NOVEMBER 2019									
S	M	T	W	T	F	S			
					1	2			
3	4	5	6	7	8	9			
10	11	12	13	14	15	16			
17	18	19	20	21	22	23			
24	25	26	27	28	29	30			

OCTOBER 1

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	d the idea of wilderness bermanent homes of the human spirit." Joseph Wood Krutch	1	2	3	4	5 Pirst Quarter
6	7	8 Yom Kippur begins	9	10	11	12
13 OFull Moon	14 Columbus Day	15	16	17	Alaska Day Anniversary of Alaska's transfer from Russia in 1867	19
20	21 CLast Quarter	22	23	24	25	26
27 New Moon	28	29	30	31 Halloween		





ENDICOTT MOUNTAINS BROOKS RANGE

A fter passing through the Continental Divide in Alaska's Brooks Range, the rugged mountain ridges recede and soften as they transition into the broad and open tundra of the high Arctic. This is a huge space, white and colorless in the winter months. In landscape photography, the clouds often provide the ingredient necessary for creating sculpted and modeled light. The undulating snow covered tundra hills in contrast with the distant angular mountains create dynamic geometry in this landscape.

Camera: Canon 5D Mark III Lens: Canon 100-400mm f/4.5-5.6L IS II (300mm) Exposure: 1/400 sec., @ f/8, ISO 100 © Patrick J Endres / AlaskaPhotoGraphics.com

OCTOBER 2019

6 7 8 9 10 11 12

13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
		DOD		D 004		
	D	ECE	MBE	R 20.	19	
S	M	T	W	T	F	S
4		•		~	,	7
1	2	3	4	5	6	/
8	2 9		4 11	-	-	•
-		10		12	13	14
8	9	10 17	11	12 19	13 20	14 21
8 15	9 16	10 17	11 18	12 19	13 20	14 21

NOVEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		nountains meet." William Blake	1	2		
3	4 Pirst Quarter	5	6	7	8	9
Daylight Saving Time ends		Election Day				
10	11	12 OFull Moon	13	14	15	16
	Veterans' Day Remembrance Day CANADA					
17	18	19 OLast Quarter	20	21	22	23
24	25	26 New Moon	27	28	29	30
				Thanksgiving		



in the state of th

POLAR BEAR Arctic Alaska Coast

The Beaufort Sea on Alaska's ▲ Arctic coast freezes in late autumn as the season transitions to winter. Fresh falling snow and strong winds are common during this period. While falling snow provides an emotive feeling in a picture, it presents some inherent photography challenges. Wind-blown snow on a camera lens is very difficult to clean in the field with wet gloves and mittens. To minimize this, I guarded the direction in which I pointed the camera in order to keep it clean for the few shots that really counted.

Camera: Canon 1Ds Mark III Lens: Canon 500mm f/4L IS Exposure: 1/640 sec, @ f/7.1, ISO 400 © Patrick J Endres / AlaskaPhotoGraphics.com

	NOVEMBER 2019								
S	M	T	W	T	F	S			
					1	2			
3	4	5	6	7	8	9			
10	11	12	13	14	15	16			
17	18	19	20	21	22	23			
24	25	26	27	28	29	30			

JANUARY 2020										
S	M	T	W	T	F	S				
			1	2	3	4				
5	6	7	8	9	10	11				
12	13	14	15	16	17	18				
19	20	21	22	23	24	25				
26	27	28	29	30	31					

DECEMBER

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 Pirst Quarter	4	5	6	7
8	9	10	11 OFull Moon	12	13	14
15	16	17	18 • Last Quarter	19	20	21 Winter Solstice
22 Hanukkah begins	23	24	25 New Moon Christmas	26 Boxing Day CANADA	27	28
29	30	31				

"The fate of animals is...indissolubly connected with the fate of men."

Emile Zola

JANUARY										
S	Μ	Т	W	Т	F	S				
		1	2	3	4	5				
6	7	8	9	10	11	12				
13	14	15	16	17	18	19				
20	21	22	23	24	25	26				
27	28	29	30	31						

FEBRUARY										
S	Μ	T	W	T	F	S				
					1	2				
3	4	5	6	7	8	9				
10	11	12	13	14	15	16				
17	18	19	20	21	22	23				
24	25	26	27	28						

MARCH								
S	M	T	W	T	F	S		
					1	2		
3	4	5	6	7	8	9		
10	11	12	13	14	15	16		
17	18	19	20	21	22	23		
24	25	26	27	28	29	30		
31								

APRIL								
S	M	T	W	Т	F	S		
	1	2	3	4	5	6		
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28	29	30						

MAY									
S	M	T	W	T	F	S			
			1	2	3	4			
5	6	7	8	9	10	11			
12	13	14	15	16	17	18			
19	20	21	22	23	24	25			
26	27	28	29	30	31				

	JUNE							
S	M	T	W	T	F	S		
						1		
2	3	4	5	6	7	8		
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30								

JULY								
S	M	T	W	T	F	S		
	1	2	3	4	5	6		
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28	29	30	31					

AUGUST								
S	M	T	W	T	F	S		
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		

SEPTEMBER									
S	M	Т	W	Т	F	S			
1	2	3	4	5	6	7			
8	9	10	11	12	13	14			
15	16	17	18	19	20	21			
22	23	24	25	26	27	28			
29	30								

OCTOBER									
S	M	T	W	T	F	S			
		1	2	3	4	5			
6	7	8	9	10	11	12			
13	14	15	16	17	18	19			
20	21	22	23	24	25	26			
27	28	29	30	31					

	NOVEMBER									
S	M	T	W	T	F	S				
					1	2				
3	4	5	6	7	8	9				
10	11	12	13	14	15	16				
17	18	19	20	21	22	23				
24	25	26	27	28	29	30				

DECEMBER									
S	M	T	W	T	F	S			
1	2	3	4	5	6	7			
8	9	10	11	12	13	14			
15	16	17	18	19	20	21			
22	23	24	25	26	27	28			
29	30	31							

