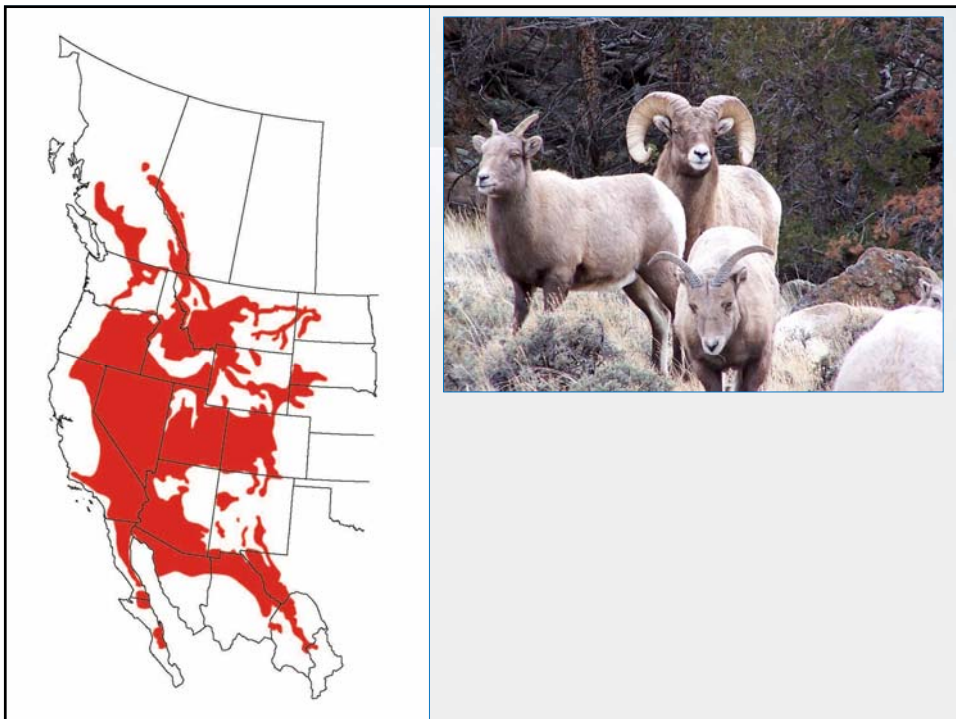




Bighorn Sheep in the West: 1800s – Present
Challenges & Opportunities
Kurt Alt, WSF Staff Biologist

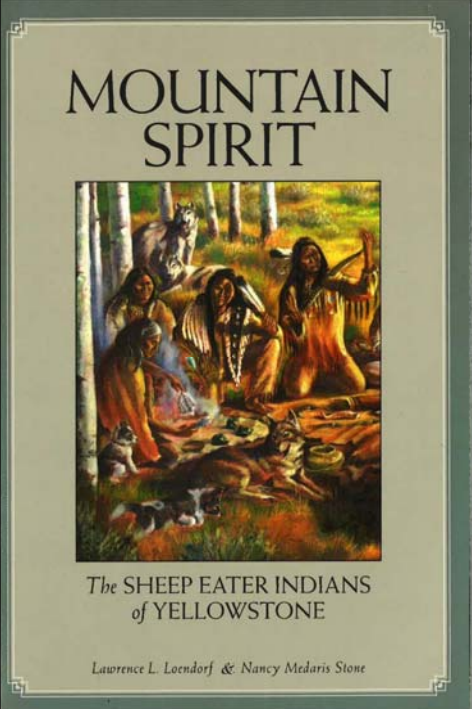









Native Americans...entire cultures...built around BHS...

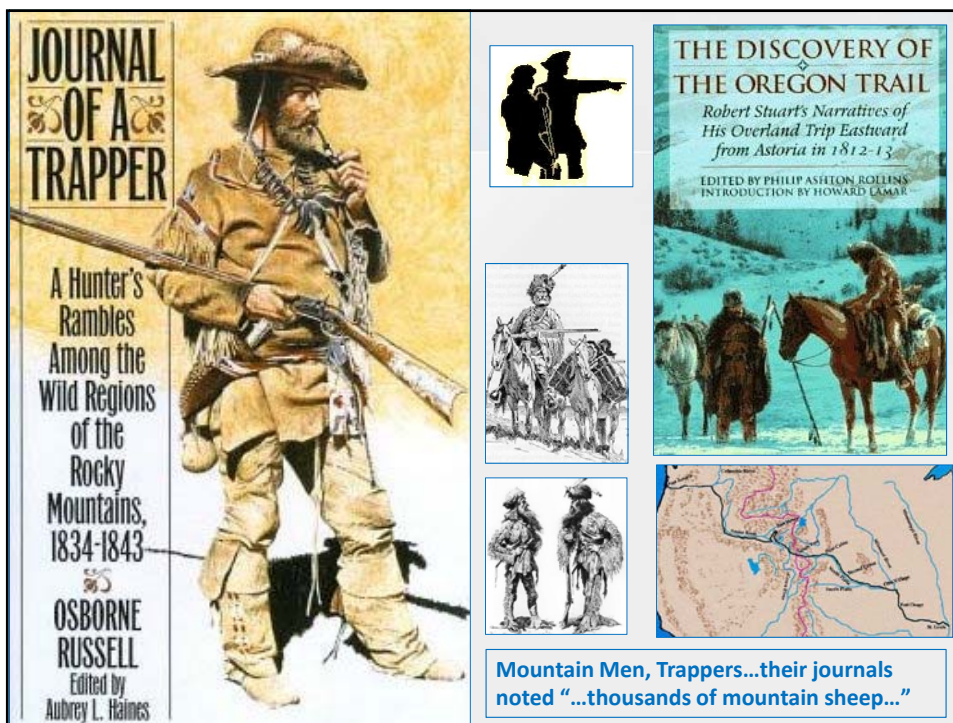


"Tukadika" Mountain Shoshone/Sheep Eater

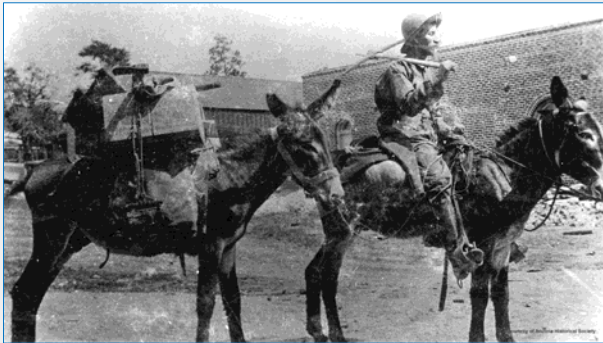
Tools, utensils, weapons...all based on mountain sheep...







Precious Metals Brought Prospectors and Miners west...



Early Settlers, Homesteaders followed...



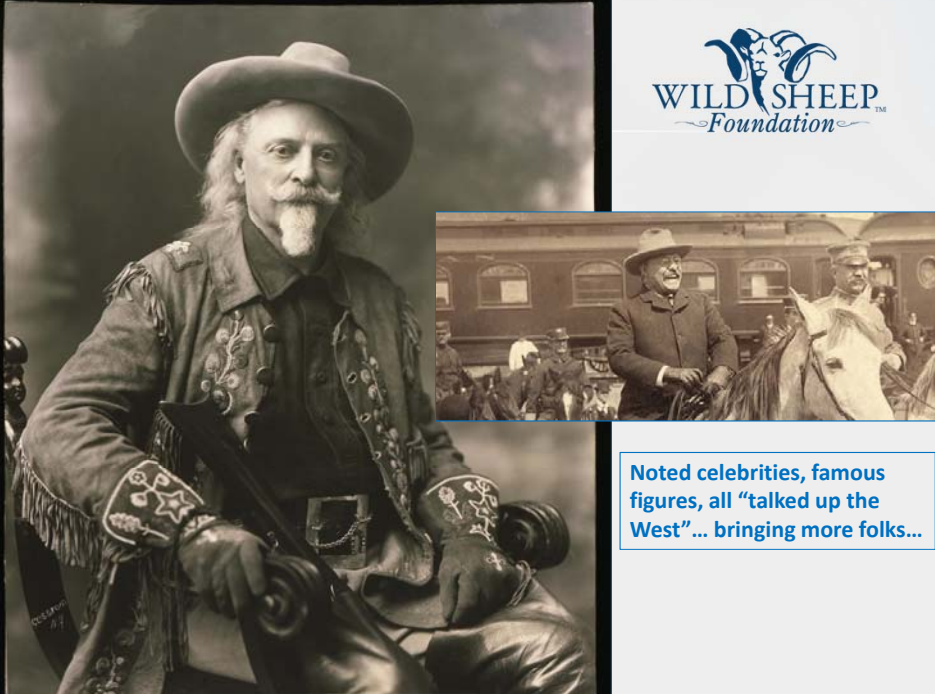
The oldest house in Idaho Falls.
Idaho State Historical Society photo







WILD SHEEPTM
Foundation

Railroads...helped open the West...





WILD SHEEPTM
Foundation

Noted celebrities, famous figures, all "talked up the West"... bringing more folks...

Cattle came west, in great numbers...

Competition for forage...







WILD SHEEP
Foundation™








With large bands of domestic sheep, not only forage competition, but disease transmission...(respiratory bacteria, we know now...)





Domestic sheep on alpine tundra near Crested Butte in Colorado (Bureau of Land Management)



WYOMING WILD LIFE 3

WY - 1943

WY - 2007

MT - 2002

BHS are gregarious, social animals... especially young rams...

INTERESTING PHOTO, taken from above Lander, shows mountain sheep (rams) mingling with domestic sheep on range. Such association of bighorns with tame sheep is quite common, though it was more so in the past when wild sheep had a wider distribution over the State. The bighorn pictured was killed by poachers, and there are no mountain sheep in the Snake Canyon area at present.

AZ - 2000s

ID - 1950s

MT - 2013

BC - 1970s

A Wyoming Bighorn Sheep Study


Mountain Sheep and Man in the Northern Wilds
VALERIUS GEIST


The BIGHORN SHEEP IN IDAHO
Its Status, Life History and Management
Dwight R. Smith


The DESERT BIGHORN SHEEP IN ARIZONA
by John P. Russo

MOUNTAIN SHEEP
A Study in Behavior and Evolution
VALERIUS GEIST
Wildlife Monographs and Field Studies Series



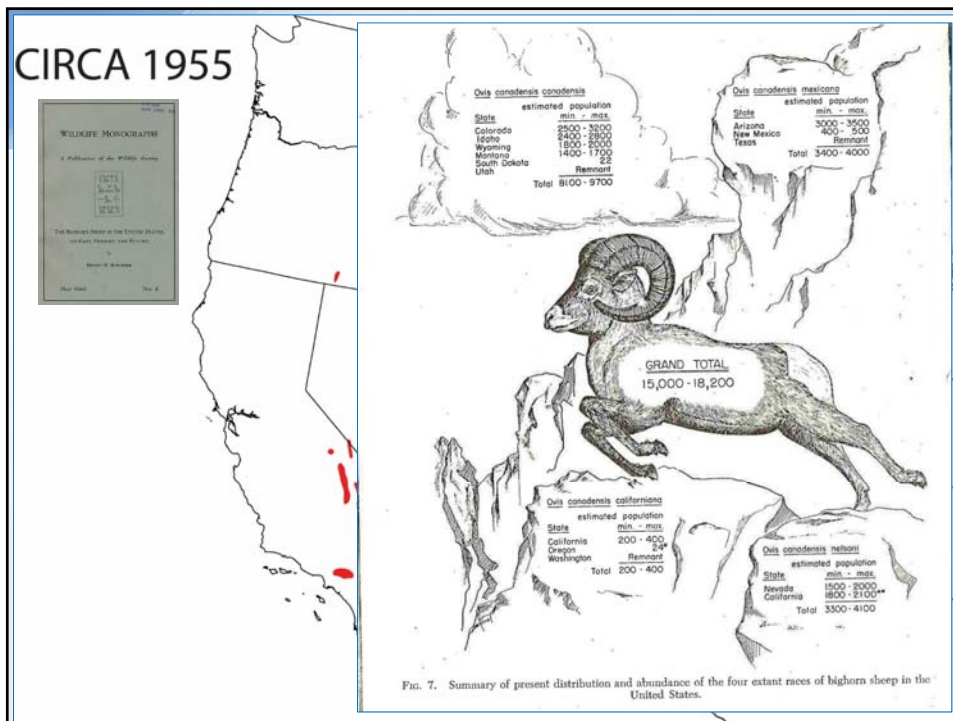
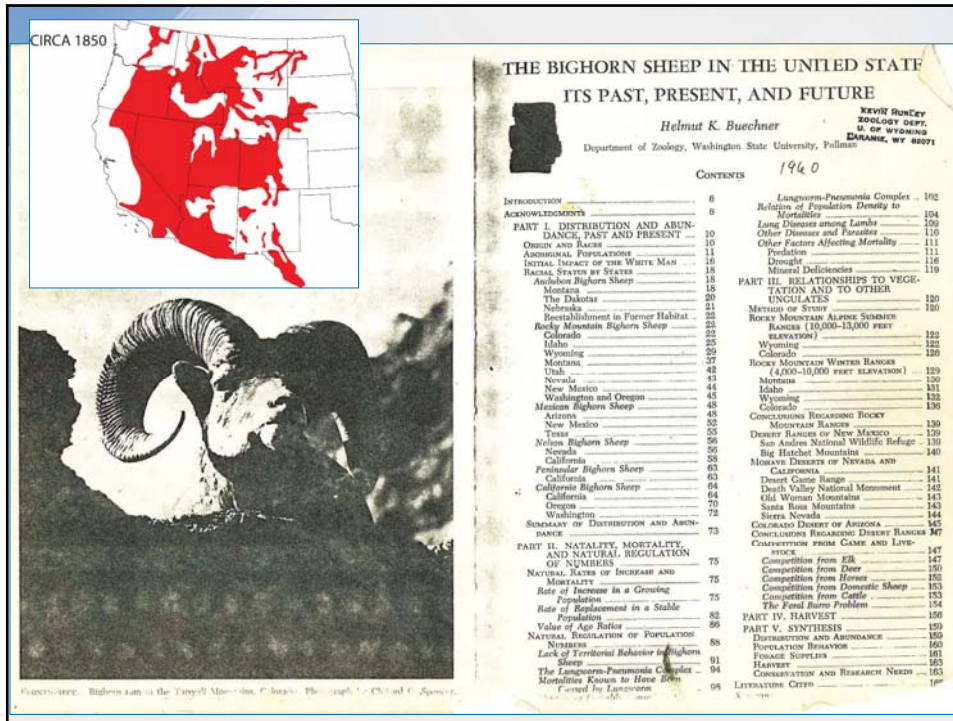


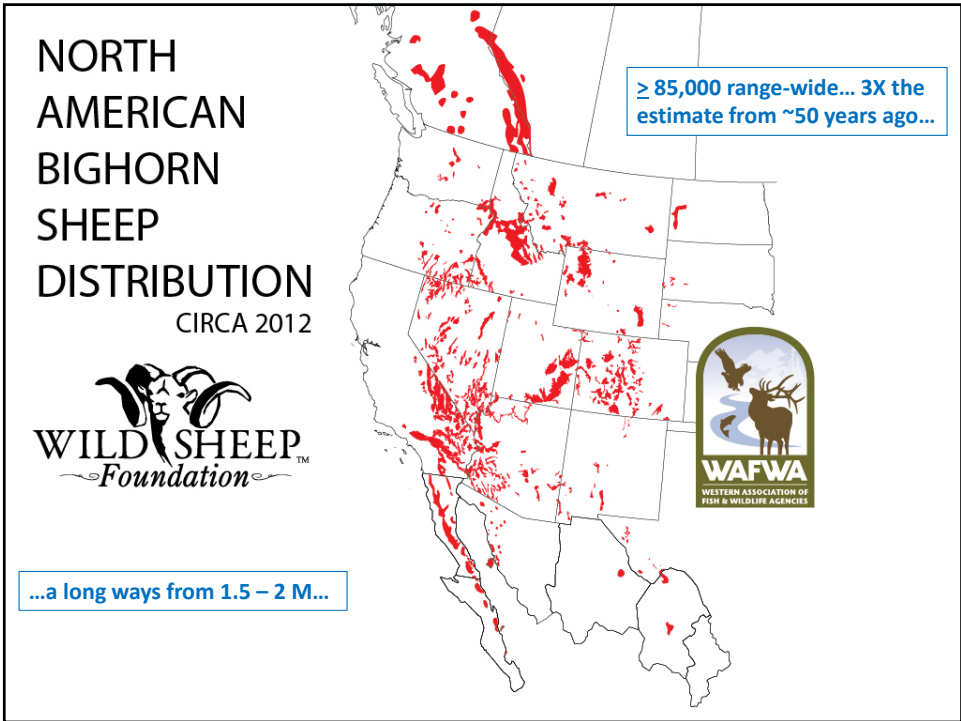
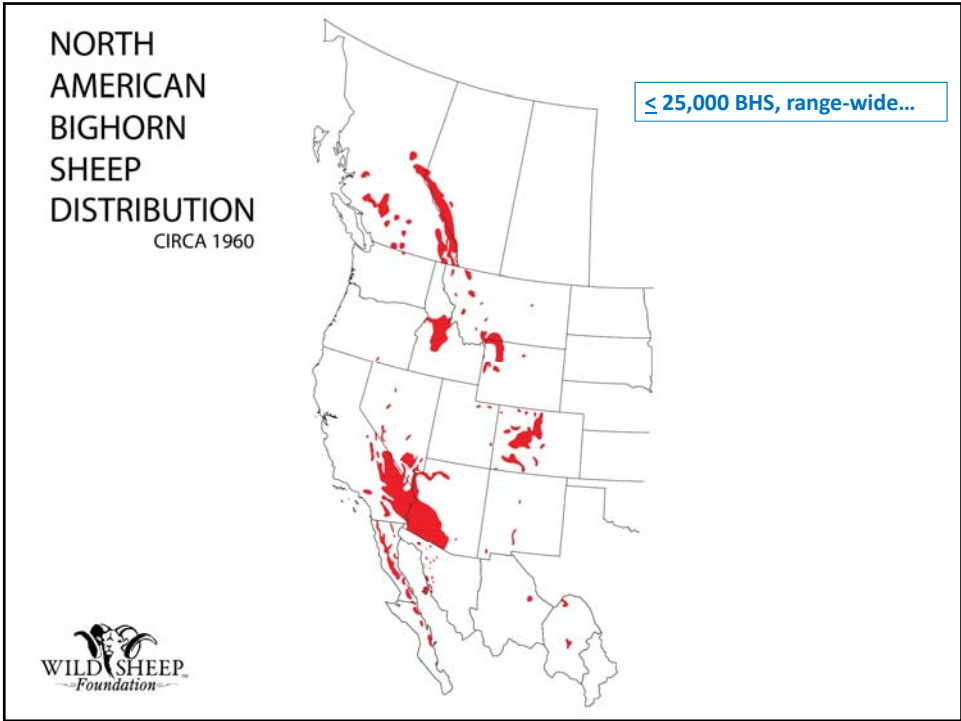


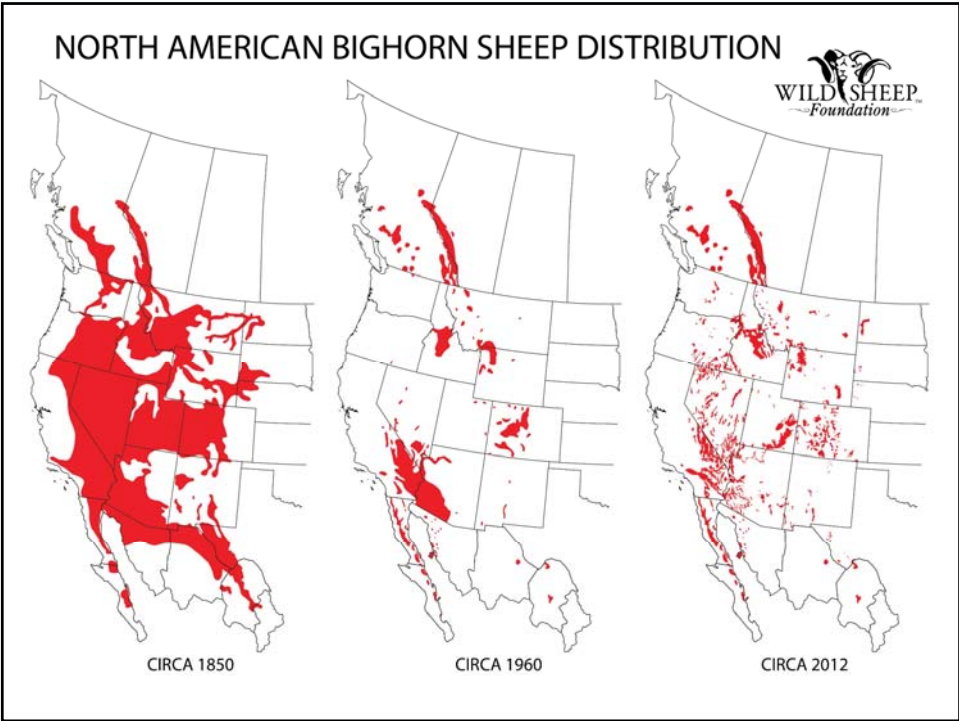


Ernest Thompson Seton

Early Naturalist Ernest Thompson Seton (1928):
*“estimated 1.5 to 2 million BHS in western U.S.,
 circa 1800”*
(exclusive of Canada & Mexico)







RECORDS OF WILD SHEEP TRANSLOCATIONS UNITED STATES AND CANADA 1922-PRESENT

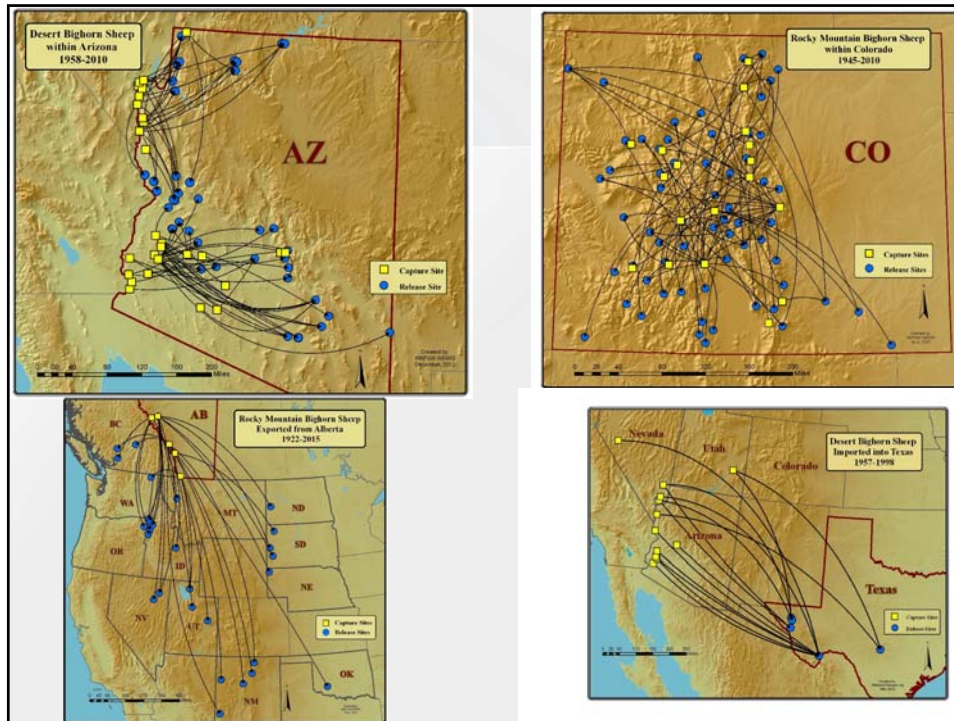
WILD SHEEP WORKING GROUP

June 2015

WILD SHEEP Foundation

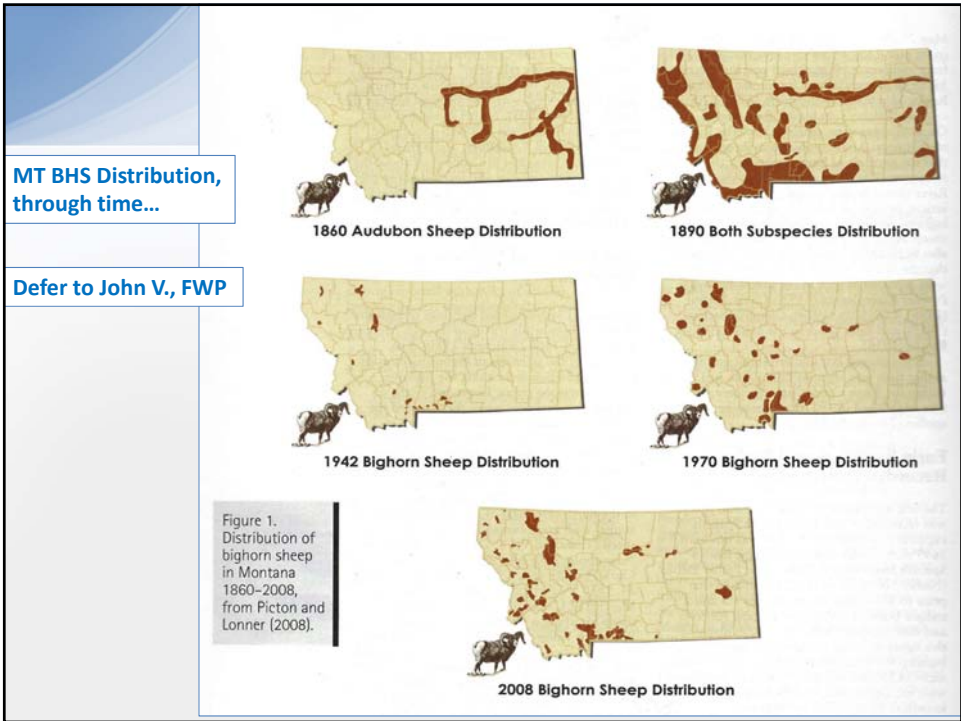
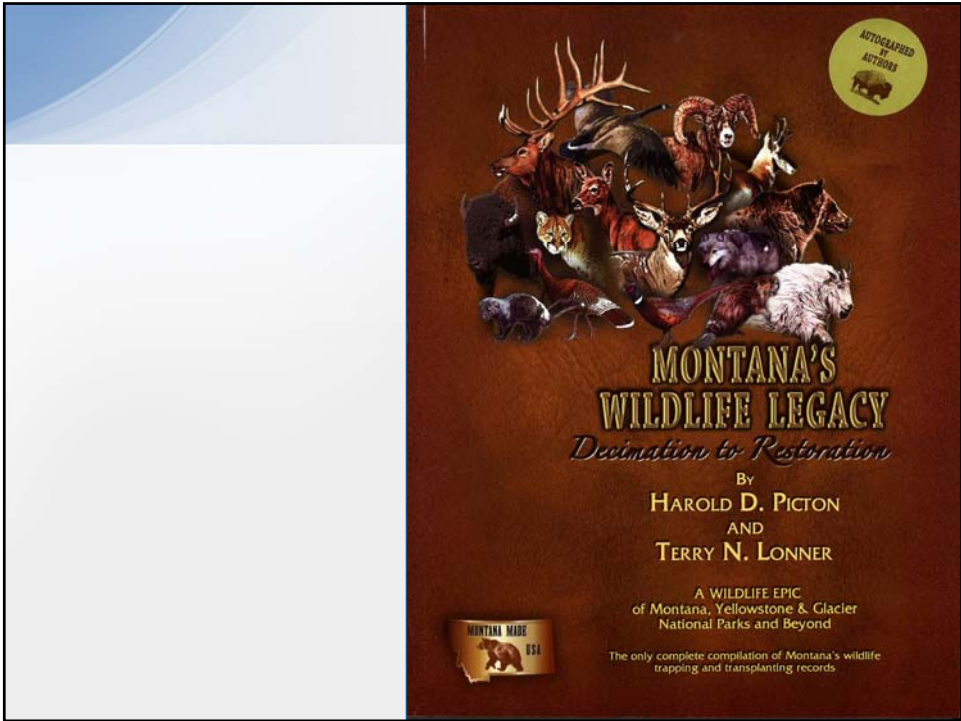
WAFWA

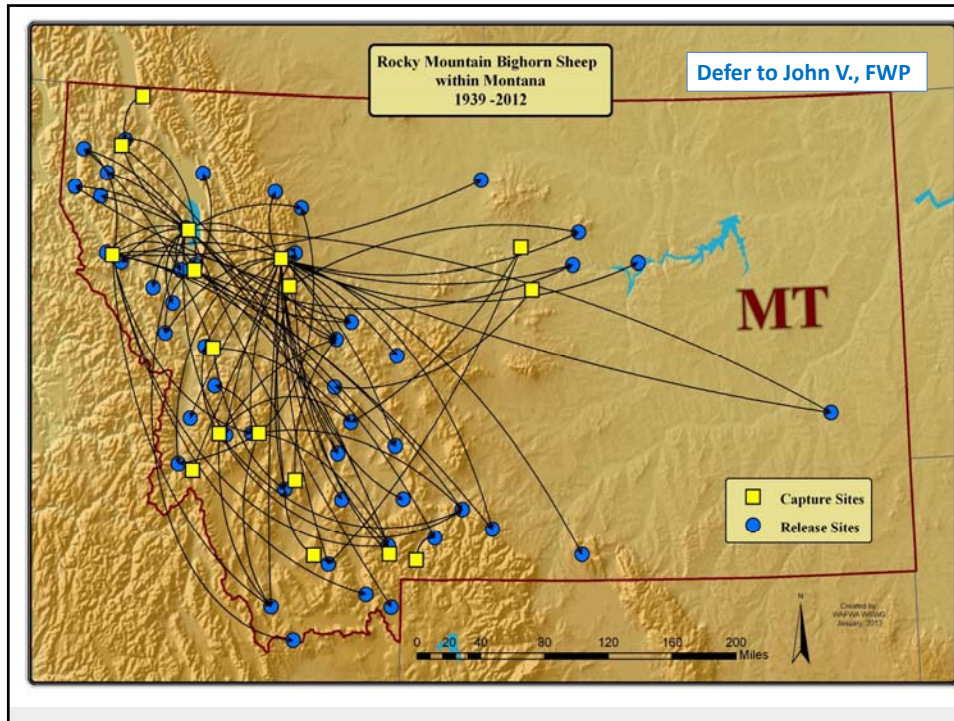
WESTERN ASSOCIATION OF
FISH & WILDLIFE AGENCIES



Summary of Wild Sheep Translocations - United States and Canada
1922 - Present

Jurisdiction	Number of Transplants				Number of Animals			
	Imports	Exports	Within	Total	Imports	Exports	Within	Total
Alberta	-	40	7	47	-	708	78	786
Arizona	7	25	108	140	128	306	1,756	2,190
British Columbia	3	48	90	141	111	693	899	1,703
California	5	-	50	55	39	-	491	530
Colorado	18	27	137	182	317	472	2,214	3,003
Idaho	31	19	33	83	540	291	375	1,206
Montana	2	35	135	172	28	694	2,323	3,045
Nebraska	8	-	1	9	176	-	26	202
Nevada	52	43	174	269	804	697	2,535	4,036
New Mexico	17	5	45	67	169	89	698	956
North Dakota	14	-	43	57	213	-	216	429
Oregon	28	38	83	149	442	419	1,145	2,006
South Dakota	10	3	2	15	206	36	25	267
Texas	20	-	31	51	185	-	623	808
Utah	57	3	70	130	1,151	30	1,021	2,202
Washington	32	2	77	111	260	83	664	1,007
Wyoming	6	23	65	94	144	398	1,528	2,070
Others ¹	2	1	-	3	18	15	-	33
TOTAL	312	312	1,151	1,463	4,931	4,931	16,617	21,548²





Defer to Kit F., to lead discussion...


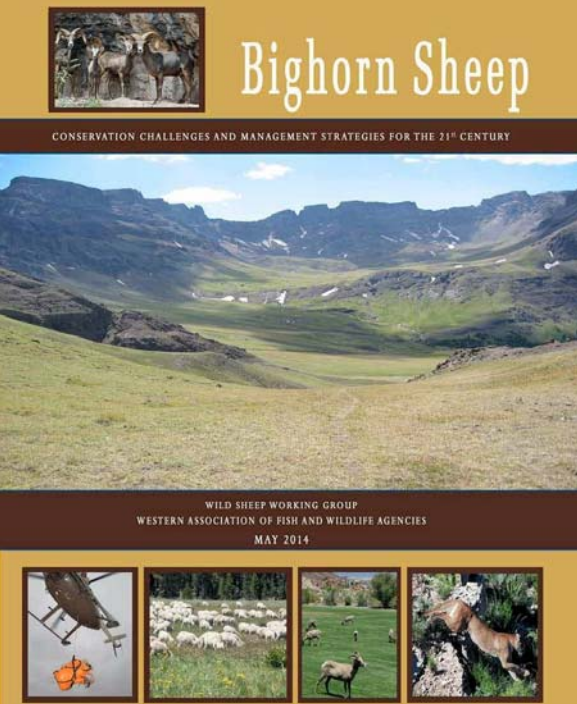
BIG HORNS RISKS


Identifying Risks Posed by Domestic Sheep

WILD SHEEP FOUNDATION

Challenges and Opportunities for Bighorn Sheep Conservation in Montana

The image shows the cover of a report titled 'BIG HORNS RISKS: Identifying Risks Posed by Domestic Sheep'. The cover features a close-up photograph of a bighorn sheep's head with large, curved horns. The title 'BIG HORNS RISKS' is prominently displayed in large, white, bold letters. Below the title, the subtitle 'Identifying Risks Posed by Domestic Sheep' is written in a smaller font. At the bottom of the cover, there are logos for 'WILD SHEEP FOUNDATION' and the text 'Challenges and Opportunities for Bighorn Sheep Conservation in Montana'. On the left side of the slide, there is a blue box with the text 'Defer to Kit F., to lead discussion...'. The overall design is professional and informative, with a focus on the conservation of bighorn sheep.

<p>Brought copies of this WAFWA 2014 publication, for everyone..</p> 	
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<p>Defer to Kit Fischer, to lead discussion...</p>	<p>National Wildlife Federation Rocky Mountains & Prairies Regional Office</p>  <p>Landowner Assessment of Bighorn Sheep Translocation Garfield County, Montana</p> <p>Daniel Bailey and Hank Fischer Maps by Jessie Fischer</p> <p>December 2012</p>
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Montana Solution to a Montana Problem

Interaction Working Group

Separation Strategies

Disease – Movi (*Mycoplasma ovipneumoniae*, etc.)
surveillance, research, application

Education/Outreach