LEILA PHILIP BEAVER LAND Weird Rodent Made America

Presented by



BEAVERS HAVE FASCINATED THE HUMAN IMAGINATION FOR CENTURIES

ABERDEEN BESTIARY



13th Century

Caster Canadensis

HORTUS SANITATIS





Capitulum. EFF1.

15th Century

HISTORIA ANIMALIUM

uniam & Fretelam candem uocem aja= www.interpretatur, animal in Palæftina bundas, a fimilitudine muris ac urfi no abundas, a ininitiatune interior ac uni no minatum. Gelenius arctomyn murē uul-gò cricetum dictum, Hieronymi arcto, myn elfe iudicat, cui & ipfe affentior, ut fupra in Criceti hiftoria dixi, Eruditus quidam apud nos, murem alpínum : qui efi adbæc duo animalía quandam fimili s eti adhae duba anina quanta qu quanta quan mentorum facultate 3.1. apud Lucanos in Italia animal reperiri ait perafé mos aja To TE Rol over, hoc eft medium quodamme dointer utfum & fuem : quo modo firedelegitur, non aliud quam meles aut ta= detegitur, int into ave legas uve, intelli-e xus fuerit: at fipro ave legas uve, intelli-gi poterit uel mus alpinus, quem apud Lucanos etia in Apennini iugis reperiri non dubito : uel Hieronymi arctomys. Vide quædam fupra in Mele A . circa

B. Murem alpinum ueterum nemo ne nominauit quidem, folus Plinius pauca de co fcripfit, Ego hiftoriam eius adferi-so bam, partim ut ipfe obferuaui cum domi alerem hoc animal, à quo etiam quam ad-ieci effigies ad uiuum expreffa eff : par-im ut ab hominibus fide dignis, & mon tiumincolis cognoui: partim ex Chroni-cis Ioan. Stumpfij, unde etiam Ge. Agri-colam muturatum uideo qua de hoc mucolammutuatum uideo quæ de hoc murein fuo de fubterrancis animantibus lis bello prodidit: & ex quadrupedum hifto ria Michaelis Heri. ¶Alpinos mures in Aegypto etiam reperiri ex recentioribus quidam (cripfit, Plinium teftem ad. uocas. Atqui Plinij uerba hæc funt: Sunt his (muribus Alpinis) pares & in Aegy-pto; fimiliterép refidunt in clunes, et binis pedibus gradiuntur, prioribusép ut mani ous utuntur. Hinc intelligimus non col dem, led fimiles eis, aut etiam magnitudi ne pares, in Aegypto nafci. ¶Muri al pino magnitudo fere leporis eft, aut ue= tius inter cuniculum & leporem:fele cor pulentior eft, fed breuior cruribus. Speci es ac figura muris, ex qua mus dicitur.

Vel, ut alij feribunt, forma & magnitudis ne eft magni cuniculi, fed humilis, & lato dorfo:pilis durioribus quâm cuniculus, colore ut plurimu ruffo, qui in alijs clarior, in alijs obfcurior et fufcus eft. Magnis oculis, prominentib, media magnitu ruffo, qui in alijs clarior, in alijs obfcurior et fufcus eft. Magnis oculis, prominentib, media magnitu dine, Hermol. Apud Pliniū fic legimus, Condunt & Alpini mures, quibus magnitudo media eft: ex dine, Hermol. Apud Pliniū fic legimus, Condunt & Alpini mures, quibus magnitudo media eft: ex

16th Century





BEAVERS: ECOSYSTEM ENGINEERS



WHAT IS THE LARGEST ANIMAL CONSTRUCTION ON EARTH?

a beaver dam measuring



Northern

Alberta



Wyoming, Dr. Emily Fairfax

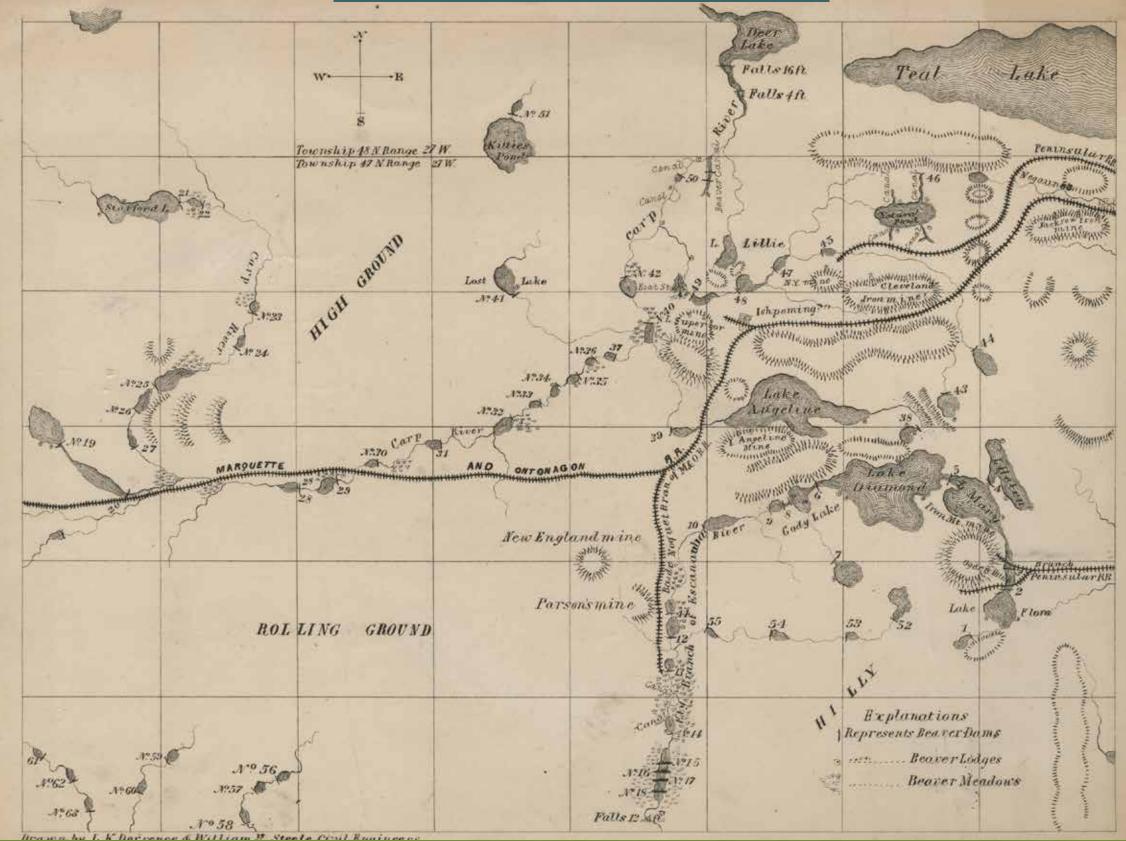
HOW MUCH WATER DOES THE AVERAGE BEAVER POND STORE?

1.1 MILLION GALLONS above ground 6.7 MILLION GALLONS under ground

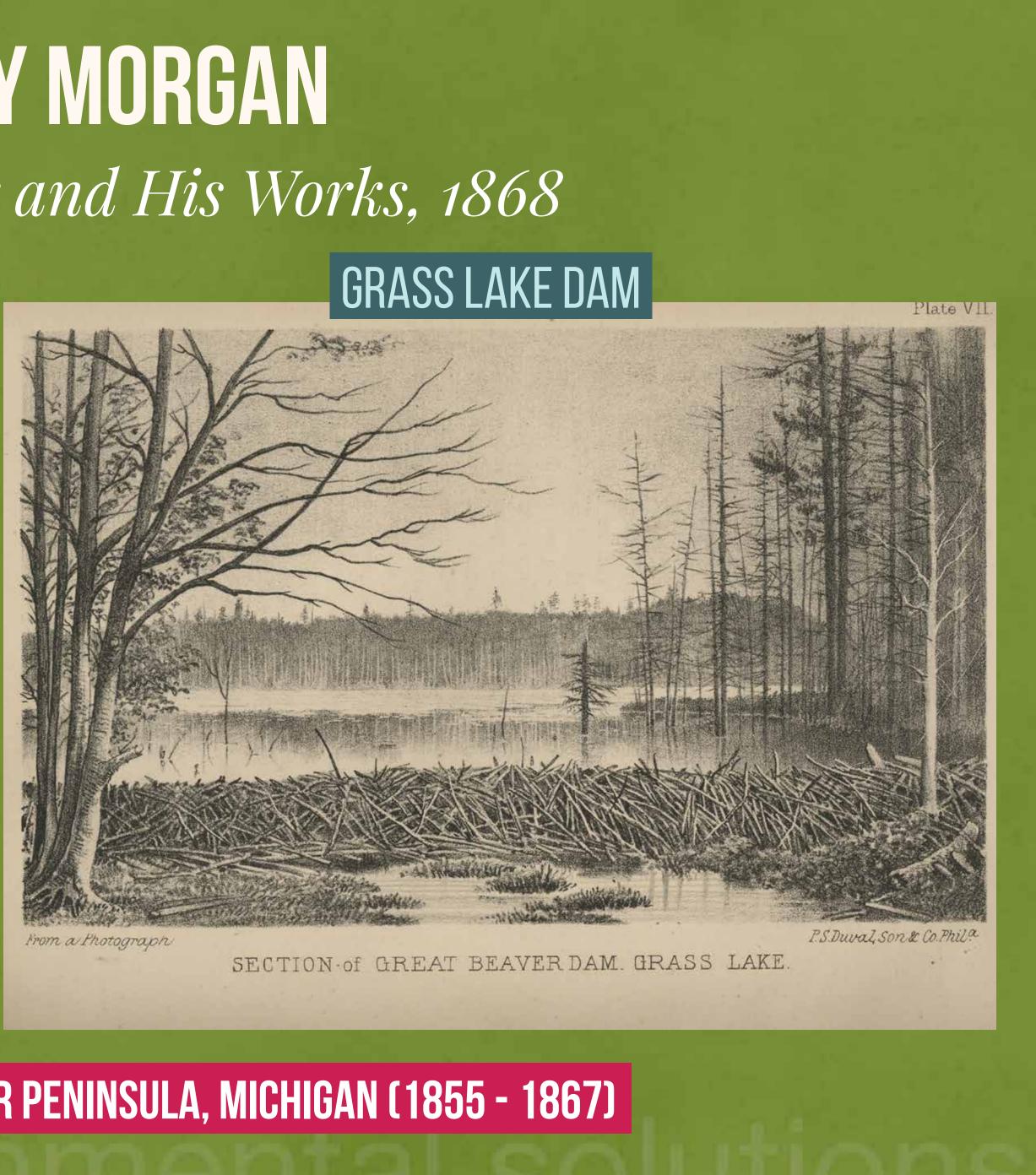


LEWIS HENRY MORGAN The American Beaver and His Works, 1868

MAP OF BEAVER PONDS



BEAVER DAMMING COMPLEXES IN THE UPPER PENINSULA, MICHIGAN (1855 - 1867)



DOROTHY RICHARDS



BEAVERSPRITE

The first beaver sanctuary, Little Falls, NY

NIBI THE RESCUE BEAVER













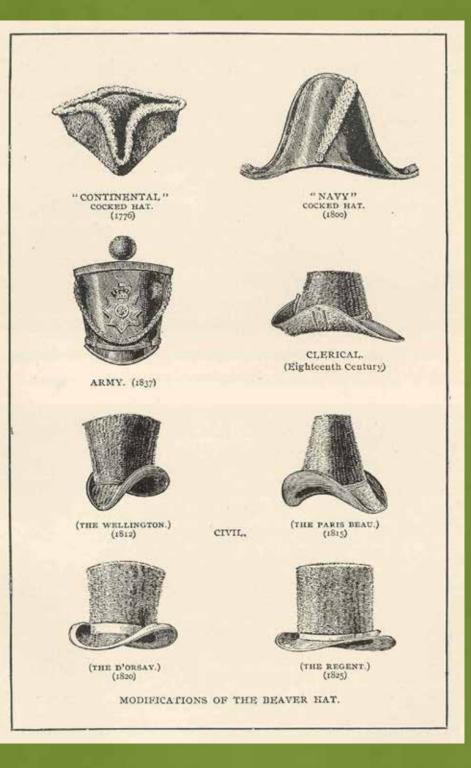






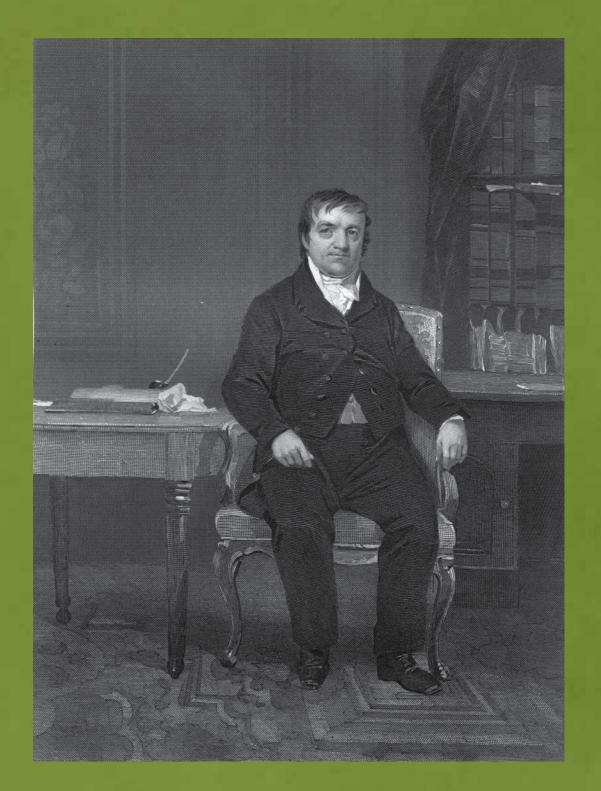
ONCE THEY WERE HATS JOHN JACOB ASTOR (1763-1848)





Modifications of the Beaver Hat (1771 - 1825)

Hudson's Bay **Company Beaver** Tokens





Portrait by Alonzo Chappel

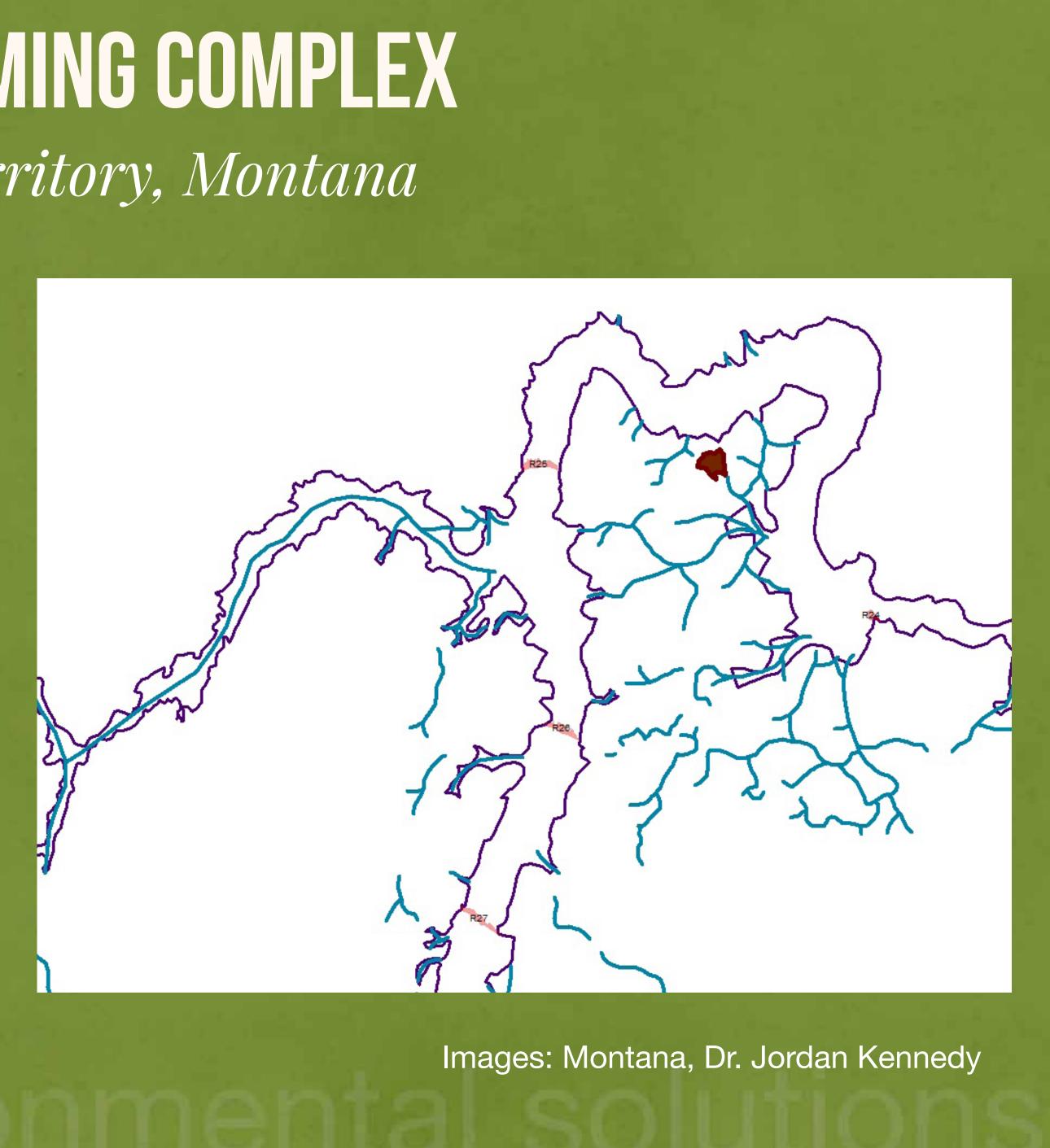
Map of Astor's Global **Trade Scheme**





BEAVER DAMMING COMPLEX Blackfeet Territory, Montana



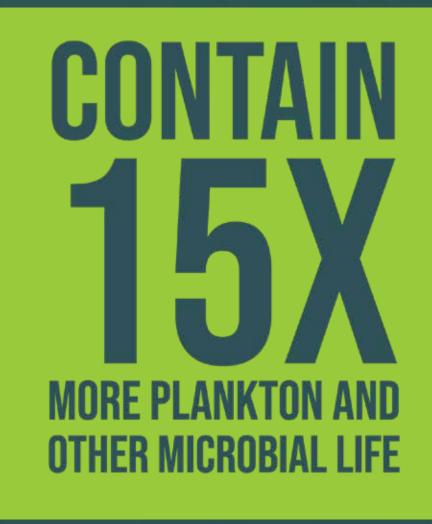


THE "GREAT DRYING": 1600-1900



GAINS IN BIODIVERSITY

BEAVER-ALTERED PONDS



HOME TO **30% MORE SPECIES OF ANIMALS**







BEAVERLAND



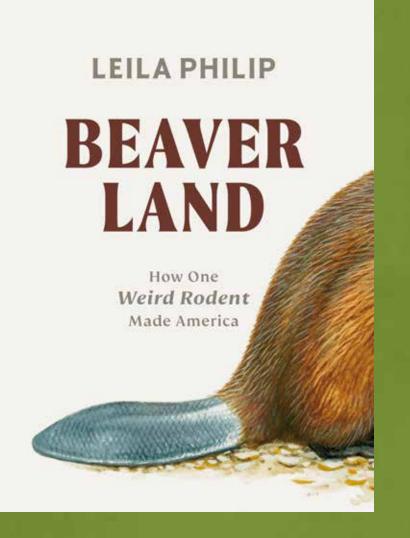
BEAVER POPULATION IN NORTH AMERICA

BEFORE EUROPEAN COLONIZATION 60-400 MILLION

2023

10-15 MILLION





BEAVERLAND: HOW ONE WEIRD RODENT MADE AMERICA Professor Leila Philip, Brooks Chair in the Humanities English Dept., Program in Environmental Studies, College of the Holy Cross Iphilip@holycross.edu

Books will be available for purchase from Merritt Bookstore after the program.

RESOURCES

East Coast

Beaver Institute beaverinstitute.org

Beavers Wetlands & Wildlife beaversww.org

Human - Beaver Coexistence Fund coexistwithbeavers.org

MidWest / West Coast

The Martinez Beavers Worth A Dam martinezbeavers.org

The Superior Bio Conservancy superiorbioconservancy.org

