East Texas Natural History Collection

Jarvis Christian College, Hawkins Texas



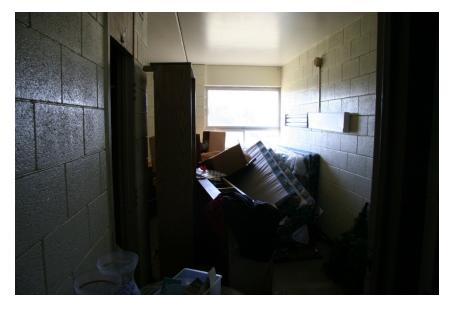
Physical plant

10,000 square feet 25 rooms



Before and After...Herbarium 6000

2011: 2012:





Herbarium houses earliest E. Tex. "in-house" Collections

Region I (1940-43)

First A&M graduates sent to ET

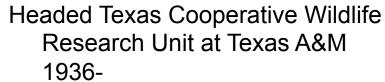
Priority for conservation/research

Dan Lay – First grad Walter P. Taylor Hilbert Sigler – Under Aldo Leopold Rollin Baker – Well known mammalogist Coleman Newman - Assistant Biologist

Walter P. Taylor



Walter P. Taylor



Pittman Robertson Act funded first wildlife work.

Predecessors of Singhurst et al.



World's First Dam Builders Here On Way

By EVA FEINBERG

Seven big brown beavers served early Saturday morning to bring shoppers and office folk together for a good look.

The animals, once plentiful but now practically extinct in these parts, were being taken to Newton county to a tributary in the watershed of the Sabine river by Art Cook and Herman Henry. beavers were captured near Junction, on the banks of the South Llano river, after months of search-

The men, graduate students of A. and M. college, working for the Texas Cooperative Wild Life research unit, a subdivision of the Texas fish, game, and oyster commission, were accompanied to Newton by Dan Lay, regional manager of the commission.

HARD TO FIND

Very hard to find, and apparently tame, unless you are standing at the wrong end, Mr. Lay, explained, the animals are expected to build dams on the smaller streams and thereby increase the number of good fishing holes. Besides, the quiet brown fellows with their work at building, conserve water and help prevent floods.

In years to come, Mr. Lay anticipates, the annual harvest of beaver pelts in 20 counties may eventually amount to \$100,000, but the effects of the animal's habits on streams and water run-off will surpass any other benefit. One colony of beavers in a northern state impounded water in ponds that would have cost man \$2000 to construct. For a brown animal without even a permanent wave in its hair, and no degree in engineering, that's purty

DON'T EAT FISH

"Beavers do not eat fish," Mr. Lay explains. "That is something everyone should know, because many fishermen have the mistaken idea that they do. Judging from the food habits of beavers in other places, it is expected that these seven and their offsprings will feed principally on willow, river birch, sweetgum, black gum, and the numerous other soft woods available a along most small streams. They r. don't like pine."

"Fish life is always favored by the construction of pools with permanent water. Older residents who remember beaver dams say that those were the best places to fish. One of the causes for the decline of the beaver was the practice of destroying a beaver dam in order to drain a pond and get all the

The beaver is a large cousin of the muskrat. Like all rodents it has four, large, chisel-like incisor teeth



Above, Dan Lay with one of the seven beavers taken to Newto county Saturday morning to be released along the streams. A view the crate of beavers is shown below.

These were about the most efficient is used mainly as a rudder and ele- pounds. The fur is of a rich, broaden and elewood cutters in existence until men vator in swimming and diving. The color, and is durable and thick invented axes. The tail of the feet are webbed. The adults av- Man's little helpers build (See BEAVERS, Page 3) beaver is scaly, broad and flat and erage in weight between 30 and 40

Dan Lay-

Long career in E. Texas 36-02

Data to Rachel Carson for Silent Spring

1st endangered species nomination

Early controlled burning for wildlife

Rollin Baker in Big Bend 1937



R. Roseberry (forester), R. Baker (entomologist), E. Marsh Jr. (botanist)

Phil Goodrum

Started early plant collections

Mostly plants for wildlife

Methods to "hold" migrating birds





AVE you ever heard remarks somewhat along these lines? "Twenty is ago the ducks stopped here by the sands, and man, what hunting," or ought a duck stamp and never even a shot at a duck." The man who it deserves your sympathy, for the ple reason that poor duck hunting in as should be entirely unnecessary.

By Herbert R. Siegler
Wildlife Biologist

DOWN OVER THE piney woods of eastern Texas passes the western edge of the Mississippi flyway. It blends in with the eastern edge of the Central flyway. This Central flyway could be called

By the middle of September most of them have arrived in Texas. Some winter in the rice fields, but a large portion flies on to South America. About the middle of September when every little lake in Texas seems to have a few teal, the first pintails show up. From then on a variety of species begin to dribble in. I don't know about western Texas, but the main

Digitization efforts

- Acquire hardware
- Lean on BRIT....Tiana Rehman
 - Duplicate equipment and protocol
- In discussion with Summerlee Foundation
- Willing to take partners and share
 - Emphasis on digitization of historical documents
 - Herbarium sheets
 ARE HISTORICAL DOCUMENTS