

(on Albright College letterhead stationary)

August 30, 1984

Leonard Walker
U.S. Fish and Wildlife Service
Elkins, W.Va. 26241

Dear Leonard:

The following are what records I have for Myotis sodalis in Trout cave, Pendelton County, W.Va. The bat colony was first noted by Wayne Davis in 1951, and again in 1952 and 1953. I have the banding records of Davis as follows for Myotis sodalis in Trout Cave:

2 December 1951

Males	117
Females	<u>121</u>
Total	238

22 March 1952

Males	134
Females	<u>88</u>
Total	232

7 February 1953

Males	318
Females	<u>247</u>
Total	565

I am not certain if he banded all the Indiana bats he saw or not, at least we know there were 565 there in 1953.

I am certain that the bats were in the main passage, not the small side passage near the entrance. The evidence for that is from my observations in 1960 and 1961. My records of M. sodalis in Trout Cave for that period are as follows:

29 October 1960

Males	3
Females	<u>2</u>
Total	5

These included two recoveries of M. sodalis banded by Davis on 2 December, 1951. These bats were found in the main passage 500-600

feet from the entrance. I have never been in the small side passage where they occur now.

16 December 1961

Males	11
Females	<u>2</u>
Total	13

These included one recovery of M. sodalis banded by Davis on 22 March 1952. These bats were in the same area as on 29 October 1960 in the main passage, a considerable distance from the entrance.

I did not visit Trout Cave again until 1965 and saw no M. sodalis at that time, and I have seen none since that time. As I said I have not seen the group in the small side tunnel that Ginny Tipton has reported.

From these data, it is quite certain that Myotis sodalis hibernated in the main passage when first seen by Wayne Davis in the early 1950's and when I saw the last remnants of that group in the early 1960's.

The following are the data on bands recovered in Hoffman School Cave of Myotis lucifugus, on 14 February 1984.

672 - 97913 - Banded 24 March 1966 - Minimum age - 19 years
9 - 51538 - Banded 24 January 1974 - Minimum age - 11 years
9 - 51675 /

I am sending a copy of this letter to Ken Knight.

Sincerely,

[signed "John"]

John S. Hall, Ph.D.
Professor of Biology

JSH:mlf

cc: Ken Knight