

Provo bench about 2 or 3 miles further up river bottom. This spring (Preference) is permanent and because of its unaltered nature was chosen as a natural setting that had not been influence by man. It supports dock, bordering willow, and at the lower end is choked with algae, and Lemna. Without effects from any periodic flood the bottom of spring course represent years of accumulation, ~~some~~ places the muck being 1 1/2 foot deep. Higher up on course, rocks are exposed & one finds a few ripples due to increased grade. At about 1/2 way up course, where the stream is not too swift to carry shells further and where the carrying capacity is sufficient to dispose of the mucky condition, one finds an accumulation of 'bone' or semi-fossil shells. By screening deposits one soon acquires a good sample of stream the molluscan life. The screenings are taken to laboratory & the shells and animal life are properly assorted and after percent frequency is determined, selective specimens are pick and mounted on pins. The species taken from this spring, their relative number, and percent of entire material collected is as follows:

<u>% no.</u>	<u>name</u>	<u>Relative number</u>
11 <sup>th</sup>	<i>Eucornutus</i>	rare (1 specimen)
10 <sup>th</sup>	<i>Cochlicopa</i>	rare (2 specimen)
2 <sup>nd</sup>	<i>Amnicola</i>	very common
13 <sup>th</sup>	<i>Alumnicola</i>	rare (1 specimen)
4 <sup>th</sup>	<i>Pseudumr</i>	very common
5 <sup>th</sup>	<i>Succinea</i>	uncommon
6 <sup>th</sup>	<i>Ducus</i>	uncommon
70%	1 <sup>st</sup>	<i>Thysa</i>
8 <sup>th</sup>	<i>Symnae obtusa</i> (?)	very common uncommon to rare
9 <sup>th</sup>	<i>Symna galustria</i>	rare (1 specimen)
17 <sup>th</sup>	<i>Zonitidae</i>	rare (2 specimens)
12 <sup>th</sup>	<i>Oreohelix</i>	rare (1 specimen)

The Thysa were the most evident shell in screenings, while the Eucornutus was only represent by one specimen.

<u>Collection number</u>	<u>name</u>	<u>where placed</u>
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