BEYOND BASICS

NATIONAL BOWHUNTER EDUCATION FOUNDATION

Insights & Input To Help You Be a More Successful Bowhunter **April 2021**

The Ashby Bowhunting Foundation promotes ethical shot placement in combination with the use of precision equipment to achieve the highest bowhunting success rate. This information is supplemental to Chapter 4 in Today's Bowhunter's, *Know Your Bow and Arrow*.

Once you understand the basics of bowhunting, that is, matching your bow to your arrows, shot placement and knowledge of anatomy along with the value of practice, you are ready to get into the science and technology behind being a truly successful bowhunter. Whether you are a newbie with aspirations of filling your freezer with venison or maybe you have bowhunted for years and envision that African dream bowhunt, you will benefit from this information. The folks at the Ashby Bowhunting Foundation and specifically, Dr. Ed Ashby, have spent years and countless hours perfecting a system of 12 Penetration Enhancing Factors. These 12 factors have the potential to dramatically affect your success ratio afield as well as your confidence as a bowhunter.

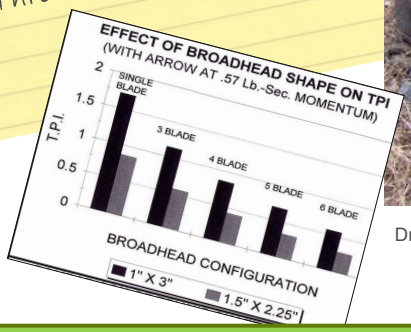
While the Ashby Bowhunting Foundation team originated with Dr. Ed Ashby, a cadre of bowhunters, technical specialists, and concerned sportsmen have contributed to the research of the methodology. To understand the complete system and the wisdom and data behind the system, go to www.ashbybowhunting.org. The 30 years of research in addition to 15 plus years of practical application, validate the clearly documented data. Many impressive testimonials are shared along with an arrow chart outlining total arrow and broadhead weight for reliable lethality on specific categories of game animals.

"The goal of every bowhunter should be to achieve the most penetration possible on an animal, with the intent of a full passthrough."
…...Dr. Ed Ashby

12 Factors Affecting Arrow Penetration

1. Structural Integrity/Durability of the Arrow & Broadhead System
2. Perfect Arrow Flight for Maximum Energy Retention & Penetration
3. Highest Possible Forward of Center Arrow Balance Point for Optimum Flight
4. Highest Proven Mechanical Advantage Broadhead (long, narrow 2-blade)
5. Shaft Diameter to Broadhead Ferrule Diameter Ratio
6. Arrow Mass Weight
7. Blade Edge Configuration
8. Arrow Shaft Profile
9. Broadhead Profile Transition from Blade to Ferrule
10. Single Bevel Broadhead Blade Edge Configuration
11. Tanto Broadhead Tip Design
12. Heavy Bone Breaking Threshold

"…..without good arrow flight, you will have poor arrow performance!"
..Dr. Ed Ashby



Dr. Ed Ashby with an Asiatic Buffalo taken with a prototype Ashby broadhead

"As a bowhunter, bowhunter education instructor, and someone that cares about preserving our heritage of bowhunting, I believe you ethically owe it to yourself and the game you are hunting to investigate this method of selecting your bowhunting equipment." *.Steve Hall, Hunter Education Coordinator, Texas Parks and Wildlife Department*