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developed smaller colons as a trade-off for increasing our brain size.Humans Have Adapted to Throwing Rocks Rather Than Climbing Humans are the most dangerous animal to have shoulders adapted for climbing and swinging from trees, humans are the only species that can throw objects with incredible speed and accuracy—an evolutionary change that Human Evolutionary Biologist Neil Thomas Roach believes was an adaptation to carnivory. He proposes that “this ability to produce powerful throws was crucial to the intensification of hunting that we see in the archaeological record at this time. Success at hunting allowed our ancestors to become part-time carnivores, eating more calorie-rich meat and fat and dramatically improving the quality of their diet.” You don’t need to spend hours throwing rocks at an apple in a tree when you can simply climb up and grab it.These dietary changes subsequently led to humans growing larger bodies, larger brains, and the ability to have more children.Humans Have Much Higher Fat Reserves Than Chimps Carrying a higher amount of fat consumes energy and impairs our ability to chase or flee, but it also provides an insurance policy for survival during periods of food scarcity. If we only lived in the tropics and were constantly eating plants-like other primates, we wouldn’t have adapted this way.Our Jaws and Teeth Have Become Smaller, Forgoing Chewing Capabilities While most carnivores boast large fangs or teeth, the invention of tools meant we didn’t need to tear raw flesh from a carcass with our bare teeth. We know early humans crafted tools to help process meat. It takes 39% to 46% less force to chew and swallow processed meat than processed root foods. Evolution chose to forgo the ability to properly chew certain plant-based foods to allow for more room in the skull for our growing brains. Our Growing Brains Depended on Animal ProductsOur brains are energy hogs and require lots of energy to function. The fatty acids found in animals (AA, DTA, DHA, EPA) compose 90% of our brains and are not available in plants. As a result of all of these adaptations, it is clear that humans have been moving further from herbivory/omnivory and closer to carnivory. And we didn’t just evolve to eat meat; we evolved because we ate meat.In fact, since our prehistoric beginnings, our brains quadrupled in size. And now since the agricultural revolution and the development of processed foods, our brains have begun to shrink.Humans Need Animal Meat for Energy RequirementsAs our bodies evolved and our energy needs increased to support higher brain function, plants (aka carbs) no longer fulfilled these requirements. The most readily available source of energy was large animals, aka megafauna. The meat and fat of these animals easily fulfilled our energy needs without the need for plants. It’s interesting to note that even today, the most diligent vegetarians can’t get all the nutrients their bodies need from vegetable sources alone.Not surprisingly, our ancestors have long appreciated the value of fatty meat. Researchers studying aboriginal tribes in the late 1800s to early 1900s noted that tribesmen would not eat vegetables when animal sources were available, and children were always offered the fattiest meat first. Many modern aboriginals eat solely (or almost exclusively) meat.Source . The paradoxical nature of hunter-gatherer diets: Meat-based, yet non-atherogenic, April 2002, European Journal of Clinical Nutrition 56 Suppl 1(Suppl 1):S42-52All Animals Need Fat: A Look at the Herbivore’s DietFor those who point to gorillas as close relatives who indeed survive and thrive on a plant-based diet and think we should be able to as well, it’s important to note that all animals need fat. They don’t necessarily need to consume fat, but their bodies need to be able to convert their diet to fat. Gorillas do just this. Gorillas eat a ton of fiber that is mostly protein and carbs. But the interesting thing is that their digestive system, which is composed of a large cecum and colon, contains bacteria that ferments this fiber into short-chain fatty acids. When you look at what ultimately gets absorbed into a gorilla’s body and converted into energy, the short-chain fatty acids provide 60-70% of the gorillas’ energy. The digestive systems of cows accomplishes a similar feat. Some might even say that, from a pure absorption perspective, herbivores are actually carnivores. Weaning TimeIn comparison to our ape ancestors, humans wean their young at a much younger age. In fact, early weaning is one of the main differences between the genus Homo and the great apes. In modern societies where infants rely on their mother’s milk and not bottle feeding, babies nurse for two to three years. By contrast, great ape mothers nurse their young for four to six years. In Psouni et al’s study Impact of Carnivory on Human Development and Evolution Revealed by a New Unifying Model of Weaning in Mammals,their analysis showed that carnivores systematically wean earlier than omnivores and herbivores and that carnivory may be a fundamental determinant of the early human weaning. The meat-based diet of our early human ancestors changed the weaning behavior of man and the course of evolution. Obvious Human Geographical Location and Food ScarcityThe carnivorous life is indeed a healthy one. We have examples of many cultures that have thrived on fatty meat and protein from animals because access to plants was limited or non-existent for most of the year. The Inuit (or Eskimos) Extremely limited access to plants for much of the year, yet they survive and thrive. How have they survive? Similarly, most cultures’ from the equator experienced a long period of little to no agricultural productivity each and every year.Carnivore Societies that show Humans are CarnivoresThere are several remaining carnivore tribes who have eaten meat-based diets and have avoided most of the modern diseases of human civilization despite NOT eating a varied diet of fruits, vegetables, grains, and lean meats. MaasaiThe Maasai tribe in Africa consumed milk, blood, and meat as their primary sustenance. They had low levels of serum cholesterol and were very healthy with little to no heart disease despite consuming 600mg - 2000mg of cholesterol a day — twice the daily health recommendation.Inuit EskimosSurvived on caribou, fish, seal, polar bear, rabbits, birds, eggs, and very little in the way of fruits and vegetables, with the exception of the occasional berry. Researchers back in the 1950s concluded that this meat-centric diet caused Eskimos just a fraction of the heart disease seen in America at the time. MongolsBecause the Mongolian steppe has one of the most extreme climates in the world, it’s not favorable to agriculture whatsoever. Meat was the only consistent energy source. The Mongols enjoyed lots of animal fat and ate the entire animal from end to end. There was no waste. Vegetables were considered goat food and not desirable. Despite their harsh climate, they were able to thrive, survive, and conquer many other civilizations.Plains Indians Buffalo was a diet mainstay for the Sioux, Mandans, Comanche tribes. Researchers found them to be remarkably healthy. They were tall, had good dental health, and considered to be in superior health to their white counterparts. For most of these tribes, this good health was not a genetic mutation but rather a result of a meat-dense diet. In future generations, as western ways of eating crept into these societies, they experienced the same ill effects as westerners. For example, as the Inuits began to alter their diet in the 20th century to include store-bought, processed foods, this led to new health problems. Surviving, Not ThrivingAs mentioned previously, humans can undoubtedly eat just about every food group, including processed, man-made concoctions, but that doesn’t mean we thrive on this type of diet. While humans as a species do live longer than ever before, we now suffer from certain illnesses to a degree never before seen in the past — including rates of diabetes and obesity and, surprisingly, ailments such as hay fever that continue to climb. When populations around the globe started converting to agriculture around 10,000 years ago, regardless of their locations and what they were growing, a similar trend occurred: The height and health of the people declined. On the advice of medical experts, we’ve eliminated most of the healthiest food in our diets, such as fatty red meat, pork, eggs, bacon, and supplemented the fats with grass, grains, fruits, fibers, vegetables, and plant oils. Despite following nutritional recommendations from the experts, we haven’t become healthier. The number of people suffering from Crohn’s Disease, Irritable Bowel, and other autoimmune diseases has skyrocketed. Today, the NIH estimates that over 23 million Americans suffer from an autoimmune disease. We may be living longer, but we sure aren’t living healthier.Diseases of Human CivilizationThere is significant scientific evidence positively correlates Western diet to acne, obesity, diabetes, heart disease, stroke, metabolic syndrome, and cancer, Alzheimer’s, and the so-called “diseases of civilization”. The consumption of processed foods has been a major driver of chronic disease, spurred by vegetable/seed oils, refined wheat flour, trans fats, and sugar consumption, the core components in processed foods. Nearly three-quarters of our diet is made up of nutrient deficient, toxic processed foods.The Final VerdictHumans have evolved to eat meat because it was the source of fuel we required to become the brainer, more skilled apex predators that we are. We can survive on meat alone. We don’t require the fiber, sugar, carbs, phytochemicals, and toxins that come from fruits and vegetables. We eat non-meat foods not because they’re essential, but because they are readily available and we’ve been brainwashed to consider them necessary components of a healthy diet.Like the lion and lioness in the jungle, meat is the only food humans need to thrive and survive. Evolution has ensured we have the ideal digestive system for processing a carnivorous diet. Now it’s up to us to accept this fact and eat what we’re designed for.