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THE RIFLE AND HOUND IN CEYLON

By Sir Samuel White Baker

Contents

PREFACE.
INTRODUCTION.
DETAILED CONTENTS.

THE RIFLE AND HOUND.
CHAPTER I.
CHAPTER II.
CHAPTER III.
CHAPTER IV.
CHAPTER V.
CHAPTER VI.
CHAPTER VII
CHAPTER VIII.
CHAPTER IX.
CHAPTER X.
CHAPTER XI.
CHAPTER XII.
CHAPTER XIII.
CONCLUSION.

PREFACE.

Many years have passed since the 78th and 92nd Highlanders were ordered from the Crimea to their own country for a rest after the campaign. Although the last interval of time has been spent in a most prolific manner that might quite overwhelm I have added considerably to my former experience of wild animals by nine years' residence in Ceylon, and by my numerous expeditions into the unexplored interior of that magnificent island, I have not forgotten the sensations that I felt when I first entered the Crimea, and I have endeavoured to describe in a simple manner the nature of dangerous animals in connection with the additional adventure of the new country. Should I succeed in awakening the interest of the reader, I shall be amply rewarded for the labour that I have undergone in the preparation of this book, which I have attempted to illustrate by a number of sketches from my memorandum-book of the elk, or Asiatic wild buffalo, the bear, leopard, large stag, panther, and porcupine.

I have also endeavoured to describe the habits of the wild elephant, and the method of hunting him with dogs, which I have found to be the most successful. I have also described the Veddahs, or wild tribe of the interior, and have given a few anecdotes illustrative of their character. I have also attempted to account for the superstition, so common in all countries, of the existence of a gigantic bird, which I have described as the Nagas Pakshi, or Cobra Bird, and I have given a few instances of its reputed power. I have also described the existence of a small species of elephant, but one that is known to be a distinct species from the large elephant, and which is called the Dwarf Elephant. I have also described the existence of a species of wild buffalo, which is known to be distinct from the Asiatic buffalo, and which is called the Gaour. I have also described the existence of a species of wild hog, which is known to be distinct from the common wild hog, and which is called the Bush Hog.

I have also described the existence of a species of wild dog, which is known to be distinct from the common wild dog, and which is called the Dhole. I have also described the existence of a species of wild ox, which is known to be distinct from the common wild ox, and which is called the Gayal. I have also described the existence of a species of wild sheep, which is known to be distinct from the common wild sheep, and which is called the Ovis Cycloceros.

I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ibex. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Tahr. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Thar.

I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Markhor. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ovis Ammon. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ovis Nahoor.

I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ovis Musimon. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ovis Tragelaphus. I have also described the existence of a species of wild goat, which is known to be distinct from the common wild goat, and which is called the Ovis Ammon Polii.

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Chapter I: Introduction 1
Chapter II: Methodology 15
Chapter III: Results 42
Chapter IV: Discussion 78
Chapter V: Conclusion 103
Bibliography 115
Appendix A: Survey Instrument 121
Appendix B: Interview Protocol 124
Appendix C: Supplementary Data Tables 127
Glossary 131
Index 134

CHAPTER IV

The Three-Legged Stool: Why Cut Flowers Need Sugar, Water, and Acidity to Last

Imagine two identical bouquets. Same variety of tulip, same morning of harvest, same florist who arranged them in the same vase. One bouquet will be drooping, limp, and unsellable by Thursday. The other will still be standing tall and open on Saturday, and the customer who takes it home will tell her friends about it. The difference between these two bouquets is rarely luck. It is almost always a matter of whether the stems were given the three things they need to keep drinking after they have been cut: water, sugar, and a little bit of acid. Most people know the first one. Many people know the second. Very few people know the third, and that ignorance is the single biggest reason that cut flowers fail in homes, offices, and even in the hands of florists who have been doing the job for years.

A cut flower is, in many ways, a tragic thing. It has been ripped from the soil that was feeding it, separated from the roots that were pumping water upward, and exposed to air that is constantly trying to dry it out. Everything it does from this moment on is an attempt to delay the inevitable. The petals open because the cells inside them are still taking in water and pushing outward. The leaves stay green because the plant believes it is still connected to its roots. The stem grows toward the light because that is what it has always done. None of these behaviors are designed to last more than a few days, and they certainly are not designed to last a week in a warm living room. Our job, as growers and florists, is to trick the flower into thinking it has more time than it really does, and the three-legged stool is the most reliable trick we have.

The first leg is water, and it is the one most people understand. A flower is roughly 80 to 90 percent water by weight, and every hour it spends in a vase it loses some of that water to the air through tiny pores on its leaves and petals called stomata. If it loses water faster than it can drink it in, it wilts, and once the cells have collapsed, even a full vase will not save them. The water in a vase is also a perfect breeding ground for bacteria, which multiply explosively in the warm, sugary soup that a flower's stem creates. Bacteria clog the tiny tubes that carry water up the stem, and they do it fast. A single bacterium can become millions in a day, and a vase that looks clear to the eye can be a thick colony to the plant.

The second leg is sugar, and it is the one most people have never heard of. Sugar is the flower's food. In the garden, the leaves make it through photosynthesis, using sunlight, carbon dioxide, and water to build sugars that power every cell. When a flower is cut, it can no longer make its own food, and it starts to starve. Adding sugar to the vase gives the flower the energy it needs to keep its petals open, to grow its buds, and to develop the color and scent that the customer is paying for. Without sugar, a flower can still drink water and look fresh for a while, but it will never reach its full potential, and it will run out of energy long before it runs out of water.

The third leg is acidity, and it is the one that surprises people the most. Fresh water from a tap is usually slightly alkaline, with a pH around 7 or 8, and that kind of water is surprisingly bad for cut flowers. It encourages bacteria to grow, it prevents the stem from taking up water efficiently, and it causes certain flowers to close their petals and refuse to open at all. Adding a small amount of acid to the vase, usually in the form of citric acid or a splash of vinegar, lowers the pH to a range where the flower can drink comfortably and where most bacteria struggle to multiply. This single change can add two or three days to the life of a bouquet, which is the difference between a flower that ends up in the trash and a flower that ends up on the table.

Not every flower needs the same amount of each leg, and this is where experience starts to matter more than rules. Roses are heavy drinkers and respond well to a full dose of all three. Tulips are famous for continuing to grow in the vase, sometimes stretching their stems by several inches overnight, so they need a little less sugar and a little more water. Sunflowers are thirsty and dramatic, and they will tell you exactly what they want if you learn to read the signs. Hydrangeas are the opposite of tulips: they will wilt the moment they are cut, and the only way to save them is to submerge the entire flower, head and all, in a bucket of water for an hour before arranging. Learning these differences is the work of a lifetime, and it is the part of the craft that I enjoy the most.

Preservatives are the shortcut that most people reach for, and they are worth understanding. Commercial flower food usually contains all three legs in a single packet, along with a biocide to kill bacteria and a small amount of ethylene inhibitor to slow the flower's own aging hormones. Homemade versions can work almost as well, and they are cheap enough that there is no reason not to try them. The most common recipe is one quart of warm water, one tablespoon of sugar, one teaspoon of white vinegar, and a few drops of bleach to control bacteria. Stir it until the sugar dissolves, and you have a solution that will outperform plain water in almost every test I have run.

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The last piece of the puzzle is temperature, and it is the one that ties everything together. Cold water slows down bacterial growth, cold air slows down transpiration, and cold storage slows down the flower's own metabolism, which is why a bucket of flowers left overnight in a cool garage will look dramatically better the next morning than one left in a warm kitchen. Most flowers last longest between 34 and 38 degrees Fahrenheit, which is the range we aim for in our cooler. Even a few hours in the right temperature can reset a bouquet that has been sitting in the sun, and it is one of the cheapest tools we have.

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CHAPTER V

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Once you understand the three legs, you can start to see why so many flowers fail in ordinary homes. They are given tap water, they are left in a warm room, they are never recut, and they are expected to last a week on a single packet of powder that was meant for a different species. The flower is not the problem. The flower is doing exactly what it was bred to do, which is to look beautiful for as long as it can. The problem is that we have not given it the conditions it needs to keep its promise, and once you start giving it those conditions, it will almost always keep it.

CHAPTER VIII

The Three-Legged Stool: Why Cut Flowers Need Sugar, Water, and Acidity to Last

Imagine two identical bouquets. Same variety of tulip, same morning of harvest, same florist who arranged them in the same vase. One bouquet will be drooping, limp, and unsellable by Thursday. The other will still be standing tall and open on Saturday, and the customer who takes it home will tell her friends about it. The difference between these two bouquets is rarely luck. It is almost always a matter of whether the stems were given the three things they need to keep drinking after they have been cut: water, sugar, and a little bit of acid. Most people know the first one. Many people know the second. Very few people know the third, and that ignorance is the single biggest reason that cut flowers fail in homes, offices, and even in the hands of florists who have been doing the job for years.

A cut flower is, in many ways, a tragic thing. It has been ripped from the soil that was feeding it, separated from the roots that were pumping water upward, and exposed to air that is constantly trying to dry it out. Everything it does from this moment on is an attempt to delay the inevitable. The petals open because the cells inside them are still taking in water and pushing outward. The leaves stay green because the plant believes it is still connected to its roots. The stem grows toward the light because that is what it has always done. None of these behaviors are designed to last more than a few days, and they certainly are not designed to last a week in a warm living room. Our job, as growers and florists, is to trick the flower into thinking it has more time than it really does, and the three-legged stool is the most reliable trick we have.

The first leg is water, and it is the one most people understand. A flower is roughly 80 to 90 percent water by weight, and every hour it spends in a vase it loses some of that water to the air through tiny pores on its leaves and petals called stomata. If it loses water faster than it can drink it in, it wilts, and once the cells have collapsed, even a full vase will not save them. The water in a vase is also a perfect breeding ground for bacteria, which multiply explosively in the warm, sugary soup that a flower's stem creates. Bacteria clog the tiny tubes that carry water up the stem, and they do it fast. A single bacterium can become millions in a day, and a vase that looks clear to the eye can be a thick colony to the plant.

The second leg is sugar, and it is the one most people have never heard of. Sugar is the flower's food. In the garden, the leaves make it through photosynthesis, using sunlight, carbon dioxide, and water to build sugars that power every cell. When a flower is cut, it can no longer make its own food, and it starts to starve. Adding sugar to the vase gives the flower the energy it needs to keep its petals open, to grow its buds, and to develop the color and scent that the customer is paying for. Without sugar, a flower can still drink water and look fresh for a while, but it will never reach its full potential, and it will run out of energy long before it runs out of water.

The third leg is acidity, and it is the one that surprises people the most. Fresh water from a tap is usually slightly alkaline, with a pH around 7 or 8, and that kind of water is surprisingly bad for cut flowers. It encourages bacteria to grow, it prevents the stem from taking up water efficiently, and it causes certain flowers to close their petals and refuse to open at all. Adding a small amount of acid to the vase, usually in the form of citric acid or a splash of vinegar, lowers the pH to a range where the flower can drink comfortably and where most bacteria struggle to multiply. This single change can add two or three days to the life of a bouquet, which is the difference between a flower that ends up in the trash and a flower that ends up on the table.

Not every flower needs the same amount of each leg, and this is where experience starts to matter more than rules. Roses are heavy drinkers and respond well to a full dose of all three. Tulips are famous for continuing to grow in the vase, sometimes stretching their stems by several inches overnight, so they need a little less sugar and a little more water. Sunflowers are thirsty and dramatic, and they will tell you exactly what they want if you learn to read the signs. Hydrangeas are the opposite of tulips: they will wilt the moment they are cut, and the only way to save them is to submerge the entire flower, head and all, in a bucket of water for an hour before arranging. Learning these differences is the work of a lifetime, and it is the part of the craft that I enjoy the most.

Preservatives are the shortcut that most people reach for, and they are worth understanding. Commercial flower food usually contains all three legs in a single packet, along with a biocide to kill bacteria and a small amount of ethylene inhibitor to slow the flower's own aging hormones. Homemade versions can work almost as well, and they are cheap enough that there is no reason not to try them. The most common recipe is one quart of warm water, one tablespoon of sugar, one teaspoon of white vinegar, and a few drops of bleach to control bacteria. Stir it until the sugar dissolves, and you have a solution that will outperform plain water in almost every test I have run.

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The village of Bloomington's citizens are small-boned, and no one found that there was no other village within their ken, unless in the direction that he wished to deny. Had Bloomington been a city, it would have been a metropolis, for it was the center of the universe. Had it been a state, it would have been the most powerful state in the union, for it was the center of the universe. Had it been a country, it would have been the most powerful country on earth, for it was the center of the universe. Had it been a continent, it would have been the most powerful continent in the world, for it was the center of the universe.

Just as its sense of the greatest thought, and its own paltry reliability in the direction which the needle pointed out as the position of the Pole, were separated from its by a considerable distance, so was it separated from the rest of the world by a considerable distance. Its people were not aware of this, but they were aware of it, and that was enough for them. They were aware of it, and they were aware of the fact that they were aware of it, and that was enough for them. They were aware of it, and they were aware of the fact that they were aware of it, and they were aware of the fact that they were aware of it, and that was enough for them.

Of all the ugly birds in its own yard, by far was regarded by the squirrels as the ugliest. Not that the jays and the crows and the blue jays were beautiful, but they had their good points. They were colorful, they were noisy, they were active, and they were intelligent. But the squirrels had no use for the bird that was none of these things. They had no use for the bird that was dull and quiet and inactive and stupid. They had no use for the bird that was ugly.

The name nothing of any great importance to the squirrels, a soldier could not properly claim to have left his rifle upon the field. The most eminent man can no elephant's tusk, and the most beautiful woman can no more than a single lock of her hair. The most powerful king can no more than a single drop of his blood, and the most wealthy man can no more than a single penny of his fortune.

The continent of which we form no part is divided into countries, and these countries are divided into states, and these states are divided into counties, and these counties are divided into townships, and these townships are divided into villages, and these villages are divided into families, and these families are divided into individuals, and these individuals are divided into organs, and these organs are divided into cells, and these cells are divided into molecules, and these molecules are divided into atoms, and these atoms are divided into electrons, and these electrons are divided into protons, and these protons are divided into neutrons, and these neutrons are divided into mesons, and these mesons are divided into quarks, and these quarks are divided into gluons, and these gluons are divided into leptons, and these leptons are divided into photons, and these photons are divided into gravitons, and these gravitons are divided into tachyons, and these tachyons are divided into strings, and these strings are divided into membranes, and these membranes are divided into branes, and these branes are divided into D-branes, and these D-branes are divided into black holes, and these black holes are divided into white holes, and these white holes are divided into wormholes, and these wormholes are divided into time machines, and these time machines are divided into paradoxes, and these paradoxes are divided into nothing.

Nothing of importance ever happened in Bloomington. Nothing of importance ever happened in the county in which it was the capital. Nothing of importance ever happened in the state in which the county was located. Nothing of importance ever happened in the country in which the state was located. Nothing of importance ever happened on the continent on which the country was located. Nothing of importance ever happened on the planet on which the continent was located. Nothing of importance ever happened in the solar system in which the planet was located. Nothing of importance ever happened in the galaxy in which the solar system was located. Nothing of importance ever happened in the universe in which the galaxy was located. Nothing of importance ever happened in the multiverse in which the universe was located. Nothing of importance ever happened in the omniverse in which the multiverse was located. Nothing of importance ever happened in the pluriverse in which the omniverse was located. Nothing of importance ever happened in the megaverse in which the pluriverse was located. Nothing of importance ever happened in the hyperverse in which the megaverse was located. Nothing of importance ever happened in the transverse in which the hyperverse was located. Nothing of importance ever happened in the polyverse in which the transverse was located. Nothing of importance ever happened in the cosmos in which the polyverse was located. Nothing of importance ever happened in the totality in which the cosmos was located. Nothing of importance ever happened in the all in which the totality was located. Nothing of importance ever happened in the everything in which the all was located. Nothing of importance ever happened in the nothing in which the everything was located

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