

Why Compete If You Can Be More Profitable through Differentiation?

Negi Arabani

December 2025

Biomimicry & Business Innovation
BMY541- Communicating Biomimicry

www.negiarabani.com

Ever feel like you are trying to keep up with your toughest competitors yet no matter what you do isn't enough? You keep pushing, but the results aren't as spectacular.

Many companies focus their energy on denouncing and replacing their competitors, rather than differentiating themselves. Presentations and conversations are focused on the weaknesses of their competitors instead of their own strength. Most product teams aim to persuade salespeople that their product is the only great product on the market. The message? That their competitors can go pack their bags.

Fact is though at times your competitors have products that are more superior to yours, at least in some areas.

In fact, downplaying your competitor's strengths can backfire—frustrating the very customers you're trying to win.

If undermining competitors risks alienating customers, then perhaps the problem isn't just in how we message—but how we think about growth itself. What if competition didn't have to mean domination? So, is there a better way forward?

Perhaps it's time we looked beyond the obvious and took cues from nature itself. After all, nature has long

been held up as the ultimate competitive arena—survival of the fittest. But that's only part of the story. In reality, ecosystems thrive on interdependence, adaptation, and balance. Life endures not through endless conquest, but through systems that allow species to coexist, collaborate, and evolve together. sustained life for billions of years.

Nature's Model for Differentiation

You might be wondering: what does this have to do with business? Everything. Through biomimicry, a practice of learning from nature's successful strategies to develop more resilient and sustainable systems, we learn that life on Earth doesn't thrive through competition but through collaboration, coexistence and differentiation.

One aspect that is prevalent in nature is the concept of [niche partitioning](#). Niche partitioning is the ecological process where different species reduce competition by specializing in how, when, or where they use resources within the same environment. By dividing up access to food, habitat, or activity times, they avoid direct competition and coexist, which enhances biodiversity and ecosystem stability.

A vivid example of this principle came to life for me during a hike on Angel Island, a beautiful island in the Bay Area. Located in the middle of San Francisco Bay, it offers panoramic views of Marin County, San Francisco, Mount Tamalpais, and the Pacific Ocean.

While hiking the island last year, I noticed how a wide variety of trees and plants grow side by side. Each one relies on the same basic resources—sunlight, soil nutrients, and collaboration with other species—to survive and thrive.

Native species like oak, bay, and madrone trees flourish alongside sagebrush, chamise, manzanita, toyon, elderberry, and coyote brush. They even coexist with non-native species such as eucalyptus, Monterey pine, Douglas fir, black locust, Australian tea trees, and Portuguese cork oaks. Wildflowers are abundant. (“Angel Island SP”)

As I observed the island's ecosystem, I realized: these plants weren't competing for dominance—they were thriving through differentiation. In nature, the variety of organisms living in a shared environment mirrors you and your competitors in the marketplace.

In ecosystems, even abundant resources like sunlight and soil don't eliminate the need for differentiation—species still evolved unique strategies to avoid direct competition. In business, where attention and revenue are limited, that need is even more critical.

Unlike companies that try to outcompete each other for the same resources, the plants on Angel Island have learned to coexist by differentiating. Their differences are visible in the size and shape of their leaves, the structure of their trunks, the textures of their bark, and the heights they grow to. These physical traits reflect their strategy: to share space and resources in a way that benefits everyone.

What is Biomimicry?

Biomimicry is an innovation practice that looks to biological strategies for insights into solving human challenges. As the Biomimicry Institute defines it “Biomimicry is a practice that learns from and mimics the strategies found in nature to solve human design challenges – and find hope”. - The Biomimicry Institute

When practicing biomimicry, we stay humble, keep an open mind, and observe at multiple levels—from forms to processes to systems. We don't rush to conclusions with human cleverness. Instead, we stay still, quiet, and observe.



Fig 1. Bay Area View from Angel Island, licensed on Envato



Fig 2. Angel Island – Plant Diversity

Lessons from the Savanna

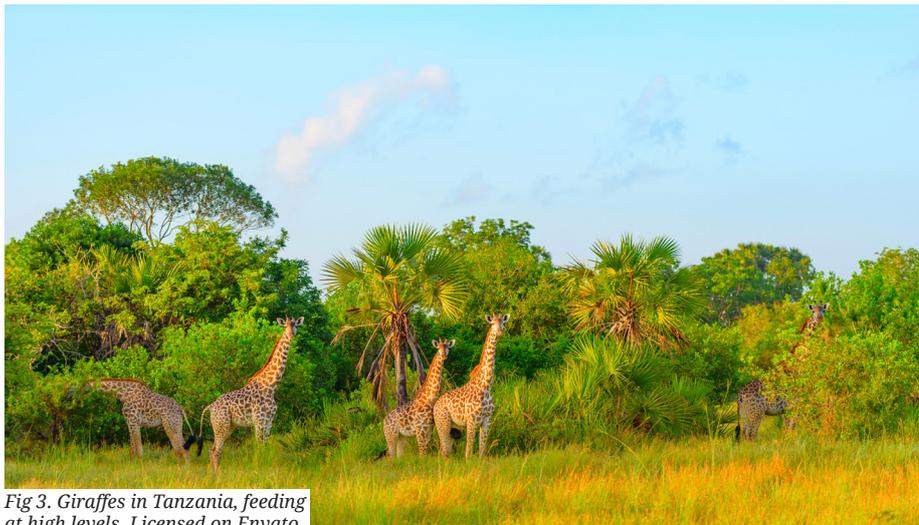


Fig 3. Giraffes in Tanzania, feeding at high levels. Licensed on Envato

Niche partitioning happens at different scales globally. We find them across various ecosystems.

Let's take another example from organisms in the African savanna—ones you're likely familiar with.

Dietary niche partitioning:

Among the following species niche partitioning is defined by differences in digestive physiology, body size/mouth morphology, as well as feeding preferences:

- Zebras are grazers that feed predominantly on grass. When the rains come and the grass grows tall, zebras are the first to feed. They consume large quantities but don't digest thoroughly.
- Dik-diks, on the opposite end of the spectrum, feed on non-grass vegetation.
- Impalas are mixed feeders, splitting

their diet about 50/50 between grass and browse.

Height-based niche partitioning:

Among tree-eating mammals (not grazers), height determines feeding strategy:

- Giraffes feed at the highest levels.
- Kudus browse the middle sections.
- Steenboks feed on the lowest foliage.

Grazers also partition grass by time and height:

This behavior is driven by their preference between quality vs. quantity of forage:

- Zebras, again, are first to feed on tall, coarse grass. Their strategy is quantity over quality—they eat a lot of stems and digest inefficiently.
- Wildebeest follow, preferring intermediate-height grass with higher nutritional value.
- Gazelles come last, several months after the rains, to eat the short, high-quality grass that remains.

This creates a sequence of facilitation—zebras begin by clearing coarse grass, which makes way for wildebeest to thrive on new growth, followed by gazelles, who benefit from the highest-quality regrowth left behind. By specializing and building on each other's actions, these grazers ensure everyone has access to the best resources at the right time, demonstrating how coexistence and opportunity-sharing allow all participants to succeed in a dynamic environment.

By observing how species like zebras, wildebeest, and gazelles create space and opportunity for one another, we uncover a blueprint for thriving through specialization and collaboration—not rivalry. This shows that instead of fighting for identical advantages, companies thrive when they understand their unique role, time their moves strategically, and allow complementary offerings in the market to elevate the whole ecosystem.



Fig 4. Zebras grazing on coarse grass. Licensed on Envato



Fig 5. Wildebeest grazing on intermediate-height grass. Licensed on Envato

Long-term Resilience in Tropical Rainforest

Unlike the open grasslands of the savanna, where species often take turns using space and resources, rainforests demand that species share the same space simultaneously—leading to an entirely different kind of coexistence. If you've ever been to a rainforest, watched a documentary, or read a book, you know that rainforests are defined by their biodiversity. So how do organisms coexist successfully in such dense and competitive environments?

In a rainforest, we find five layers: the emergent layer, canopy, understory, shrub layer, forest floor. This complexity is part of what makes rainforests such powerful examples of differentiation in action.

Animals living in this ecosystem access resources from distinct layers, which helps reduce direct competition—a behavior that actively supports biodiversity. They have evolved physiological traits that enable their varying foraging strategies.

In Costa Rica's fragmented rainforests, three primate species—Mantled Howler Monkeys, White-faced Capuchins, and Central American Spider Monkeys—live side by side, often in the same general area. Yet they don't

compete directly. Why? Because each has evolved distinct preferences and strategies that reduce overlap.

Howler monkeys, large-bodied folivore-frugivores, prefer the upper canopy and are most often found near riparian edges. Capuchins, smaller and more flexible in diet, favor the mid-to-lower canopy and thrive along human-disturbed edges. Spider monkeys, also large frugivores, use the high canopy like howlers but show a more neutral spatial pattern—spread more evenly across the forest zones.

These species partition space and resources based on body size, diet, canopy height, and sensitivity to the forest's edges. In doing so, they avoid direct competition and create a system where multiple similar species coexist within the same ecosystem.

For businesses, the lesson is clear: sharing a market doesn't mean competing for the exact same customers or positioning. Like these primates, companies can thrive by adapting to distinct niches—serving different needs, operating in different zones, and developing unique strategies within the same canopy.



Fig 6. Howler Monkey.
Licensed on Envato



Fig 7. White-faced Capuchins.
Licensed on Envato



Fig 7. Central American Spider Monkeys
Licensed on Envato

What Nature Can Teach Us About Competing Differently

Comparing your business to a howler monkey and your competition to a capuchin or a spider monkey—do you really need to forage in the exact same canopy space and compete for identical resources? Or could you coexist by developing traits that let you capture what your competitor cannot? These primates live in the same rainforest canopy, often in overlapping zones, yet they do not constantly compete directly. Their differences

in diet, behavior, movement, and canopy use allow them to thrive side by side.

Just as savanna herbivores avoid direct competition by specializing in different heights, times, and qualities of forage, ask how your business can thrive by serving distinct segments of the market—those layers your competitors are not built to reach. You might even create a new segment

through differentiation they simply cannot access.

Now think practically. Are you trying to win in the same zone with the same tools, features, messaging, and timing as your rivals? Or can you reposition—changing how, when, with what, or for whom you show up? Maybe it is not about offering just a different flavor of a similar feature or solving the same problem in a

comparable way. Maybe it is about offering a kind of differentiation that actually matters to your clients—something your competitors cannot provide.

This kind of strategic shift takes effort—but anyone leading a sophisticated business already knows what it means to stretch toward a difficult goal. So why take the easy path now?

It is widely recognized that converting a competitor's account is resource-intensive and often unsustainable as a primary growth strategy. Instead of repeatedly chasing the same customers with marginal feature improvements, leadership teams can take a page from nature and focus on occupying distinct niches within the same ecosystem.

When you find your organization targeting the same buyers with nearly identical offers, pause and ask:

- What segment of this market is structurally underserved by our competitors?
- How can we design a position in the same accounts that is differentiated enough to be defensible?
- What must we change in our offerings, delivery model, or engagement approach to make that niche truly ours?

Organizational traits such as culture, operating model, and customer support capabilities are not soft factors; they are structural advantages that competitors cannot easily replicate and should inform strategic focus.

The goal is not to beat your rivals in every deal, but to reduce collision by claiming a space where your company is uniquely equipped to win. In crowded markets—as in complex ecosystems—enduring advantage comes from occupying the right niche, not from dominating every branch.

Before your next strategy session, take a walk through a park or a forest, go for a hike, and observe how organisms grow and thrive within the same ecosystem—not through competition, but through coexistence. Then ask yourself: What can you learn, and how can you thrive through differentiation rather than competition?

.....

References:

- Angel Island SP. CA State Parks. https://www.parks.ca.gov/?page_id=468
- Black Howler Monkey | Cape May County, NJ - Official Website. capemaycountynj.gov. <https://capemaycountynj.gov/1096/Black-Howler-Monkey>.
- Bolt LM, Russell DG, Schreier AL. 2022. River edge feeding: Howler monkey feeding ecology in a fragmented riparian forest. *Folia Primatologica*. 94(1):1–11. doi:<https://doi.org/10.1163/14219980-20210901>.
- Bolt LM, Schreier AL, Voss KA, Sheehan EA, Barrickman NL. 2020. Down by the riverside: Riparian edge effects on three monkey species in a fragmented Costa Rican forest. *Biotropica*. 52(3):541–553. doi:<https://doi.org/10.1111/btp.12769>.
- Grady J, Read Q, Record S, Nadja Rüger, Zarnetske P, Dell A, Hubbell S, Michaletz S, Enquist B. 2023 Feb 13. Vertical niche partitioning of life histories in a tropical forest. *Authorea (Authorea)*. doi:<https://doi.org/10.22541/au.167630054.49623675/v1>.<https://www.authorea.com/users/585821/articles/624265-vertical-niche-partitioning-of-life-histories-in-a-tropical-forest>.
- Niche Partitioning. 2015. HHMI BioInteractive. <https://www.biointeractive.org/classroom-resources/niche-partitioning>.
- Niche Partitioning - an overview | ScienceDirect Topics. 2009. *Sciencedirectcom*.<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/niche-partitioning>.
- O'FARRILL G, GALETTI M, CAMPOS-ARCEIZ A. 2013. Frugivory and seed dispersal by tapirs: an insight on their ecological role. *Integrative Zoology*. 8(1):4–17. doi:<https://doi.org/10.1111/j.1749-4877.2012.00316.x>.