

Official: Vectors; An Introduction

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Vectors are both a **macro(fied) and molecular concept of biology**; they may be as large as hooved mammals, which are external carriers of ticks, with the latter being endogenous hosts to pathogens. This latter subject of biological intrigue is then a Vector itself, as at times, with molecular editing techniques, of the more modern era. This latter is less natural, per se, and the former, a continued cycle of Human Resistance, against Lower Biology [<https://www.nature.com/articles/s41564-018-0214-7>]. These can cause horrific diseases, by containing them alive, for time extents, or spread them further, through movement or trade, among other transmission routes. View the 'Agriculture Science (MS)' Pages for a Vision of how the Latter Application helps to Regulate the Former; View the Individual 'Vectors [XX]' Pages, for a more Wholistic View of Vectors, from all Scales of Biology and Non-Biology. A more or less, diversion from Biology alone, is also an Important Aspect with Vectors.

Much can be measured and corrected, beyond these two biological concepts of vectors: **inanimate objects [Rocks]** or **once living organisms [Lumber or Mulch]**, or even **conglomerates of both (alive and living) [Soils]**, are also Vectors, with pathogens which cause diseases, and insects which cause direct or indirect damage to humans and crops, alike, hitching rides on and in these substances. Something as simple as moving forestry or agriculture material or diverse soils from one state or country to another, spreads invasive species, far and wide; 'balance unadjustments' then occur [<https://www.cbp.gov/frontline/frontline-december-forest-prime-evil>], to Native Ecosystems and Organisms, from these Non-Native Lower Biology 'Crittters of Concern'. Humans use these grown and mined materials, to make the World more habitable, creatively leading to the next category of Vectors: Transportation Devices.

Trade and Transportation, spread Human Ideas and Commerce, but also Help with Spread of Unintended Targets, such as *Mosquitos, Ticks, Lizards, Mice, Pathogens, Invasive Mammals, Contagious Diseases, etc.*; many fail to view *Vehicles*, from *Cars to Trains*, and more, as Vectors of Biology, but also much more, being involved with *Counterfeit Goods, Human Smuggling, and Narcotics Crimes*, of *TransNational Concerns* [https://eallegations.cbp.gov/s/?language=en_US]. Having this more holistic and 'TransDiscipline' View of Vectors, is essential to Countering Terrosism and Stopping Human and Agriculture Diseases. Even Vehicles, as Large as 'Space Shuttles', or as small as a 'Space Pen', have and could be Vectors of *Foreign Life Forms*.

Concepts beyond World [Earth] Realms, such as 'Far Biology', are also a 'Present Danger or Reliable Alliance', such as **Aliens [Non-Earth Higher Biology]**, which Compose a Small Percent of All Human DNA [Genetics], in 'Mixed Races', of differing entries and combinations. These have been ever present [<https://www.archives.gov/research/topics/uaps/rg-collections>], yet for Religious and Security Reasons, have not always been mentally present, to much of the populations of the 'Third Rock', yet *Genetic Search Endeavors* at the *Small-Scale* and *Searching-Expeditions* [<https://link.springer.com/article/10.1007/s00114-005-0078-6> + <https://www.mdpi.com/2218-1997/6/9/130>], at the *Large-Scale*, have proved this, as Clearly Present and Surprisingly, to some, not harmful, for the most part, but rather *distant galactic alliances, of differing ecological and evolutionary paths*.

Here on Earth however, in the Modern 21st Century Digital-Era, of the 'Information Age', **Electronics** are Vectors of Information, for both Commerce and Entertainment, yet also Trade and Espionage [<https://www.nasa.gov/wp-content/uploads/2023/06/22ci-ctnewsletter-summer-2012-redacted.pdf>]; they have Certainly caused the World to 'Spin Faster' and 'Be More Connected', but also have allowed us to be more aware and effectively actionable, against other 'Vectors of Concern'. Humans, the ones reading this, are also Vectors, and almost everything we use each day is; a more holistic view of interdisciplinary Ecology, is always the best, for all. More Documents, Evidence, and Explanations, with Figures and Displays, to follow; **please Explore 'Unification ID's', for the time being..**