

Recognizing Atavistic Behaviors through Hand Analysis

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Abstract: In natural science, an atavism defines a reform of a biological structure by which an inherited characteristics reappear after having been lost through evolutionary changes in previous generations. According to social sciences, atavism defines a reversal of cultural tendency, for example, people in the modern era revert themselves to the ways of thinking and acting of a former time. In the 1870 Italian criminologist Cesare Lombroso introduced the concept of atavism as part of an individualistic explanation of the causes of criminal deviance. The human hand and the primate hand share a number of general characteristics. To recognize the potential sociopath and psychopath in our mind, we should evaluate atavistic signs in our hands. The main objective of this research is to identify primitive markings of hands which correlated to atavistic behaviors of humans. Method of this research is obtaining the handprints of people who have atavistic behaviors and also normal people and examine them. Then it will compare with the signs and markings of apes hand and their behaviors. Comparative study shows that atavistic features are indications of abnormal behaviors and do not necessarily indicate the presence of a personality disorder. High percentage of primitive features can be seen among criminals. In conclusion I confirm that hand analysis can be used to recognized atavistic behaviors and degeneracy tendencies.

Keywords: Chirognomy, Chiromancy, Dermatoglyphics, Atavistic signs, Degeneracy.

1. INTRODUCTION

Scientists assumed that our hands have evolved their uniqueness over millions of years until now. New studies suggest that there are some aspects of human hand that are anatomically primitive. In this research we are studying the primitive hand features and how they are connected with atavistic behaviors of a person. From an academic standpoint, the findings can be used to identify evolution of human personality. Preferably the information would be used to deal with criminals and their rehabilitation and also handling with mentally retarded people.

2. METHODOLOGY

Obtained handprints of various types of people. Taking prints was done by two types. First type was carried out using fingerprint ink CAT. NO. 231T (manufactured by SIRCHIE fingerprint labs, ink. 100 hunter place Youngsville, NC 27596 USA) Second type was taken clear high resolution photo of both hands. In addition it included a record of personal data. Examined the handprints and various aspects were observed under four main streams of palmistry. By contrast, results were compared with their behaviors and emotions. Finally all the results were classified.

3. RESULTS

The hands of gibbon, chimpanzee, orangutan and baboon have lines, creases and fingerprints. But they mainly differ from human hand as their palms are crossed with many horizontal lines. Comparative analysis of both hands gives us a better understanding of how the human hand structure is linked with human behavior.

Considering the finger lengths, humans have the longest thumb and also usually their thumb is longer than the little finger ($3D > 4D > 2D > 1D > 5D$). Among monkeys and anthropoid apes the finger length formula is ($3 > 4 > 2 > 5 > 1$). In humans, few cases I have noticed that with more primitive signs finger length formula was entirely different from that of normal length formula ($3 > 2 > 4 > 5 > 1$).

Thumb of all human apes which is barely flexible, low-set and is hardly able to oppose (conflicting with each other). All human apes are able to use their hands for gathering food or nesting materials, and, in some cases, for the use of tools.

Only humans have fully opposable thumb and it is made to act in conjunction with any other fingers. It allows to grasp and manipulate objects with great dexterity. Combining all these features, the hand of the chimpanzee displays the most characteristics resembling those found on human hand.

All the great human apes have nails and dermatoglyphics in the palm and digits. The palmar pattern intensity inclines to be lower than almost all the other primates, and lowest in the human hand. Monkeys have same skin ridge pattern on all fingers. It shows simian or animalistic trait. These hands are called monomorphic hands. According to Dr. Cummings, about 25 percent of human beings have monomorphic hands, but personally I have seen them much more common among criminals.

Chimpanzees share high percent of their personality traits with humans.

4. DISCUSSION

Chirognomy

Short, deformed thumb - The human thumb can oppose the other fingers because of the well-developed muscles in the hypothenar eminence and can grip firmly with the palm. Chimpanzees never hold things between only thumb and index and middle fingers. But always use all four fingers, no matter how small the object they grip. They invariably move all five fingers together and not like one by one like humans do.

Clubbed thumb is identified as broad, thick and rounded on the end, similar to a bludgeon. It has short nail and coarse skin structure. The person having this type of thumb is irrational and has a violent temper, they react without logic, carry out their plans anyway without thinking the consequences. They have lack of self-control. This thumb tip has always been associated with violent and uncontrollable temper or criminal nature. When aroused to anger, there is no way to know just what caused the anger to erupt. They lose their self-control and can use physical force blindly, sometimes not even remembering what they have done. During my research I have seen such thumb in common people too. But most of them have tendency towards either infantilism or degeneracy.

Low set thumb - One which emerges from the lowest part of the mount of Venus has a representing effect on the quality of energy directed towards the mundane way of life. This is a primitive sign.



Figure 01 - Hitler's low set thumb compared with Hand of Chimpanzee and Gorilla

An index bent in towards the finger of Saturn in a bow like curve is a sign of an acquisitive tendency. The strength of that quality depends on the crookedness of the fingers. A markedly bent index can lead to states of kleptomania. Most of the times it can be seen on the hands of orangutan.

In human evolution index finger plays an important role. It represents the independence of movement which cannot be seen in animals. Index finger is clearly distinguished from the middle and the ring fingers. Its special musculature formation causes the upper transverse line (heart line) on the palm usually ends between index and middle fingers. Contrastingly in the hands of monkeys and apes it goes straight from side to side.

Index finger of all monkeys are much shorter than that of humans. Generally it is not reaching 3rd phalange of middle finger. This finger structure can be seen among few Mongolian imbeciles.

Deformed or abnormal little finger is an atavistic sign. In addition to that if 3rd phalange is nonexistent is always an atavistic marking, interestingly in that hands which showed all usual marks of degeneracy. I have seen few deformed fingers of Mercury among criminals. A twisted little finger always shows the individual who tends to be dishonest in speech. It's more complex form of cunning liar. Also little finger indicates sex related things. People who have twisted little finger lie about sex more than about any other subject. In medical point of view it has been recognized that small deformed little finger is accompany with cretinism (Congenital iodine deficiency syndrome) and it's very least rather like simian line, a sign of degeneracy or thyroid deficiency.



Figure 02 – case number KKHA 0287, deformed little finger

Short fingers and long palm - From the evolutionary point of view Carl Gustav Carus regarded the hand as an organ between a fin and wing. He argued that the palm is the elementary part of the hand and that from it the fingers developed. He noted that the most significant development of fingers is to be found in the hands of mammals. In the plantigrade animals the palm constitutes the greater part of the hand; the palm of a plantigrade monkey for instance, is far longer than its fingers. From this observation he concluded that human beings with unusually long palms have atavistic features of character.

Exaggerate Thenar and hypothenar - Thenar and hypothenar represent the active and the passive sides of the subconscious life of a person. Their significance may be determined by their size, shape, ridge patterns and linear formations. The nature of hypothenar is related with subconscious, and always passive. Chirognomically the mount of Moon or hypothenar denotes to the form of imagination. The mount of Venus or Thenar refers to those energies which find more positive and externalized direction which represents the sensual and creative powers within the mind. Over developed or exaggerate thenar indicates a highly sexed nature. For them physical side is more important than any other.

An extended hypothenar eminence is found in monkeys and apes. In both a deep crease line separates this region from the rest of the palm. If the hypothenar eminence is exceptionally extended in both length and width as is often the case in both the small and the long sensitive hand, it gives predominance to the whole area of the subconscious and imagination and indicates a person who is ruled by his subconscious, is a victim of his imagination.

Chiromancy

Simian line/ Suwon line / Sydney line - Horizontal lines which crosses the palm below the fingers is very similarly marked in the hands of the monkeys. "Simian" earns its name from that fact. From my own observations I have noticed long horizontal line on palm accompanied by other atavistic features. Considering about behaviors of people having these horizontal lines are very aggressive, primitive in actions can be seen.



Figure 03 – Osho’s hand compared with apes hand and Beggar’s hand

Notice: Same line in three different personalities. Three different life styles. But we can see simian line on three of these hands. We have to recognize a real difference between the two directions of degeneration. There is progressive direction resulting in extra sensitivity and enlarged consciousness, and the regressive direction resulting in lesser sensitivity and restricted consciousness. The mixture of progressive and regressive atavistic features in hands of degenerates is paralleled by a similar discrepancy in their psychological make-up.

Simian line:

Simian line is a combination of the two usual lines representing head and heart. This line moves horizontally across the upper hand as an intertwine line. “Simian” name derived from the fact that it occurs so commonly on the hands of monkeys. In over-all it is considered as an atavistic sign of degeneracy. According to the available statistics pure form of the Simian line is not common. Its figures vary about 3% of all hand types appear to be a fair estimate. Nevertheless, it’s a common sign among criminals. As a result simian line has been taken as a sign of criminality.

Physiologically the use of the longitudinal line is to assure the longitudinal flexibility of the hand. Nonexistence of fate line is more frequent among criminals and mental defective people. It denotes loss or total lack of directional ambition. Notice: it’s very rare to find longitudinal lines on monkey hands. Presence of this line can be seen on sensitive hands than in elementary or motoric hands which belongs to receptive and broad minded people. Statically lack of longitudinal line can be seen those which possess of simian line.

Dermatoglyphics

Human fingerprints are much more similar to those of Koala, that we can’t see the difference under electron microscope. Evolutionary human have undergone precisely the same path of hominid ancestors and koalas. It may have evolved fingerprints because both used to climb trees in the same way. Anatomists from the University of Adelaide in Australia explain: "Koalas feed by climbing vertically onto the smaller branches of eucalyptus trees, reaching out, grasping handfuls of leaves and bringing them to the mouth. Therefore the origin of dermatoglyphes [fingerprints] is best explained as the biomechanical adaptation to grasping, which produces multidirectional mechanical influences on the skin. These forces must be precisely felt for fine control of movement and static pressures and hence require orderly organization of the skin surface."

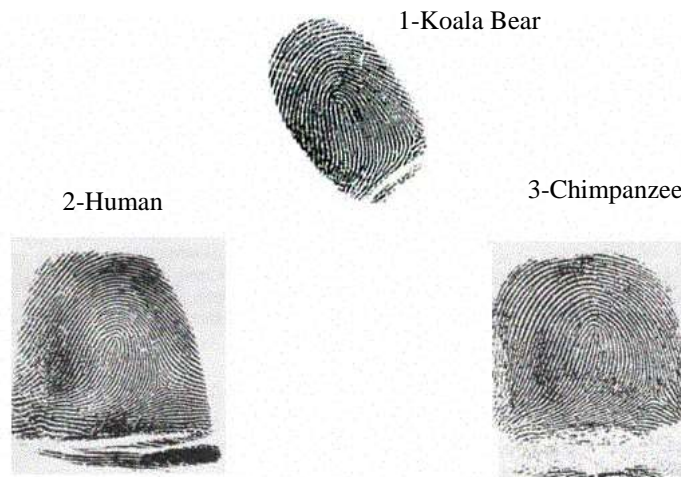


Figure 04 – fingerprint of Koala, Human and Chimpanzee

According to the findings of M Henneberg, Kosette M Lambert, CM Leigh explained: “*the entire skin ridges covered of chimpanzee hand and sole are similar to those of humans in size and density. Tented arch patterns on fingertips form distinct way that are clearly different from human patterns. Their Preparations of dermatoglyphics on palms and soles are similar to human ones.*”

Palmar ridge dissociation (broken skin ridges) can be seen on human hand and Monkey’s hands. This was found in most hands of criminals and primitive humans.



Figure 05 - Dissociated ridges

The combination of a high axial triradius can be seen with the combination of simian line. It represents significant clue in personality of an individual.

Human hand it is not very common to see longitudinal apex ridges. But, in criminal hands this aspect can be seen frequently. "longitudinal ridge alignment" which has been associated to represent "an atavism", because in most monkey- & ape species the path of the dermatoglyphics usually displays a much more longitudinal direction than usually seen in the human hand (Cummins & Midlo, 1943; p.174).

Whorl and loop patterns on the thenar and hypothenar are rare in human hand, in the primate hand it is a common feature. From all available published statistics, there appears to be very high occurrence of whorl patterns on the hands of mental patients. Chirognomically these mounts refer to the forms of imagination and the degree to which it plays a part in the person’s attitude to life. Whorl and loop patterns on these mounts are always a sign of a strong tendency towards over imagination. They must be regarded primarily as atavistic markings, indicative of a basic instability. Such markings give undue predominance to the mount, separating the unconscious ‘for special consideration’ and the resulting instability is one in which the unconscious elements of the subject’s life is not in tune with the conscious elements.

The gibbon has dermatoglyphics in the palm and fingers. The gibbon's palmar dermatoglyphics are usually considered by the missing of inter digital patterns plus the presence of only 1 palmar triradius; usually patterns visible separately on

hypothenar or inter digital zone 1. Gibbon is the only simian primate that has palmar pattern intensity similarly to the human palm.

Kojima's research based on 2000,000 criminals came to the conclusion that a person having whorls on all fingers would be restless, vacillating, sensitive, clever, and eager for action and inclined to crime.

Gestures

Evolutionary origin of some gestures can be traced back to our primitive animal past.

Inward bent fingers are a primitive sign. It shows an overly strong concentration on ones ego and a self-centered gesture. This gesture frequently accompanied with a schizophrenia personality. The more apex of tension, intensity in the "inward bent fingers" the more reckless the person will become.



Figure 06 – A tightly clenched fingers of Hitler

Cramped thumb is held in introverted position bending inward closely toward the palm of the hand. It indicates lack of self-confidence. Usually it suggests cautious and nervous.



Figure 07 – Cramped Thumb and thumb of Gorilla

Clutching gesture – when all the fingers are bent inwardly, especially at the fingertips, hands have lost their beauty and shape taken on the appearance of animal claw. This was Hitler's common gesture in his orations.



Figure 08 – Clutching gesture of Hitler compared with apes gestures

Palm down sign indicates the person is pushing others down. It changes the way he perceived. It indicates authority and power, and often forcefulness. The Nazi salute had the palm facing directly down and was the symbol of power and tyranny during the third Reich.



Figure 09 - Hitler showing authority with the palm down salute

The palm closed finger pointed gesture symbolized authoritative quality. It is an annoying gesture. In some countries finger pointing at a person is an insult. This gesture used by someone at a speech denotes that speaker figuratively beats his listeners into submission. Since it precedes a right over arm blow, a primal move most primates use in a physical attack, subconsciously it evokes negative feelings in others.



Figure 10 - The palm closed finger pointed gesture

Holding arms together in front of groin area is called the Broken Zipper position. It shows insecurity. It indicates that the feeling of having someone else hold your hand. As a mask, Adolf Hitler used this gesture regularly in public to cover the sexual inadequacy he felt because of having only one testicle. Since, our closest primate cousins, the chimpanzees, assume the same position their hands cross at their knees, it is possible that evolution shortened men's arm to allow them to take this protective position.



Figure 11 – Hitler’s broken zipper position

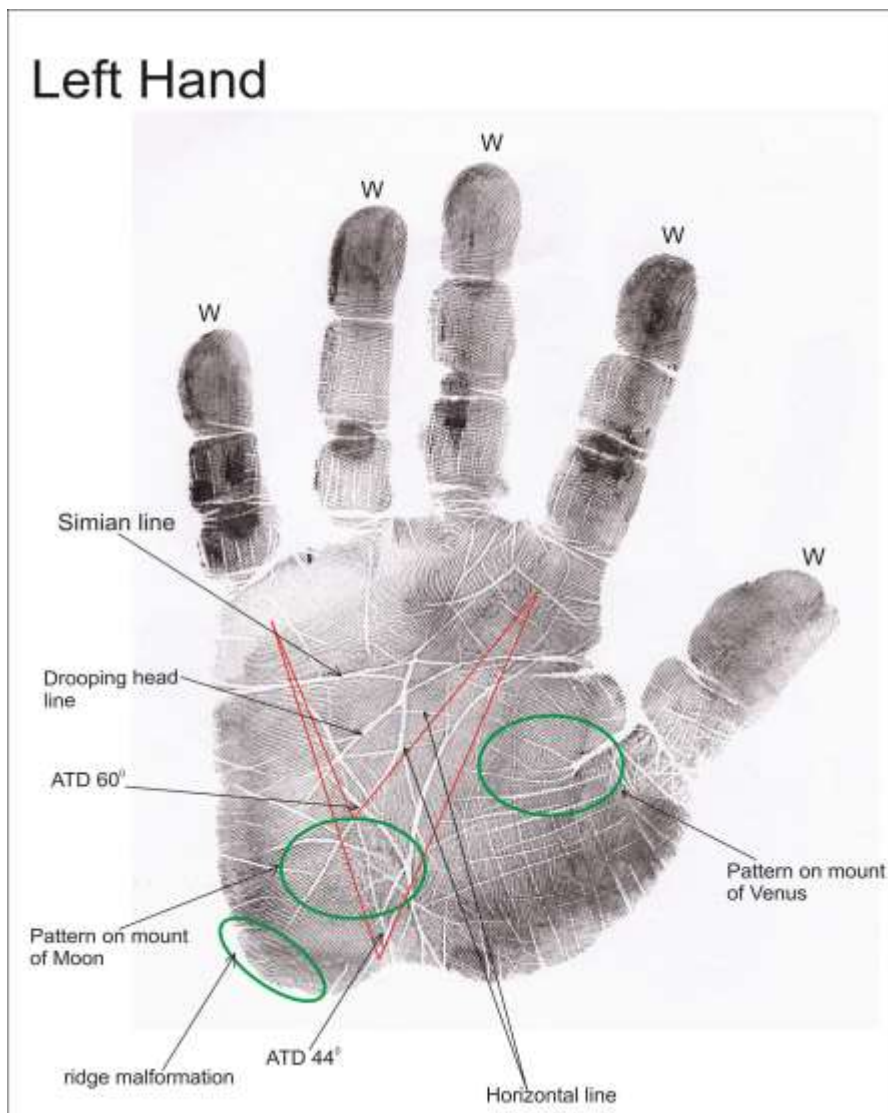


Figure 12 – Case number KKHA 698, an example which shows more than 5 atavistic signs

(Simian line, pattern on mount of Venus, pattern on mount of moon, high ATD angle, skin ridge malformation on mount of moon, skin ridge dissociation on mount of mercury, exaggerate thenar, index and ring finger equal in length, same fingerprint pattern on all fingers)

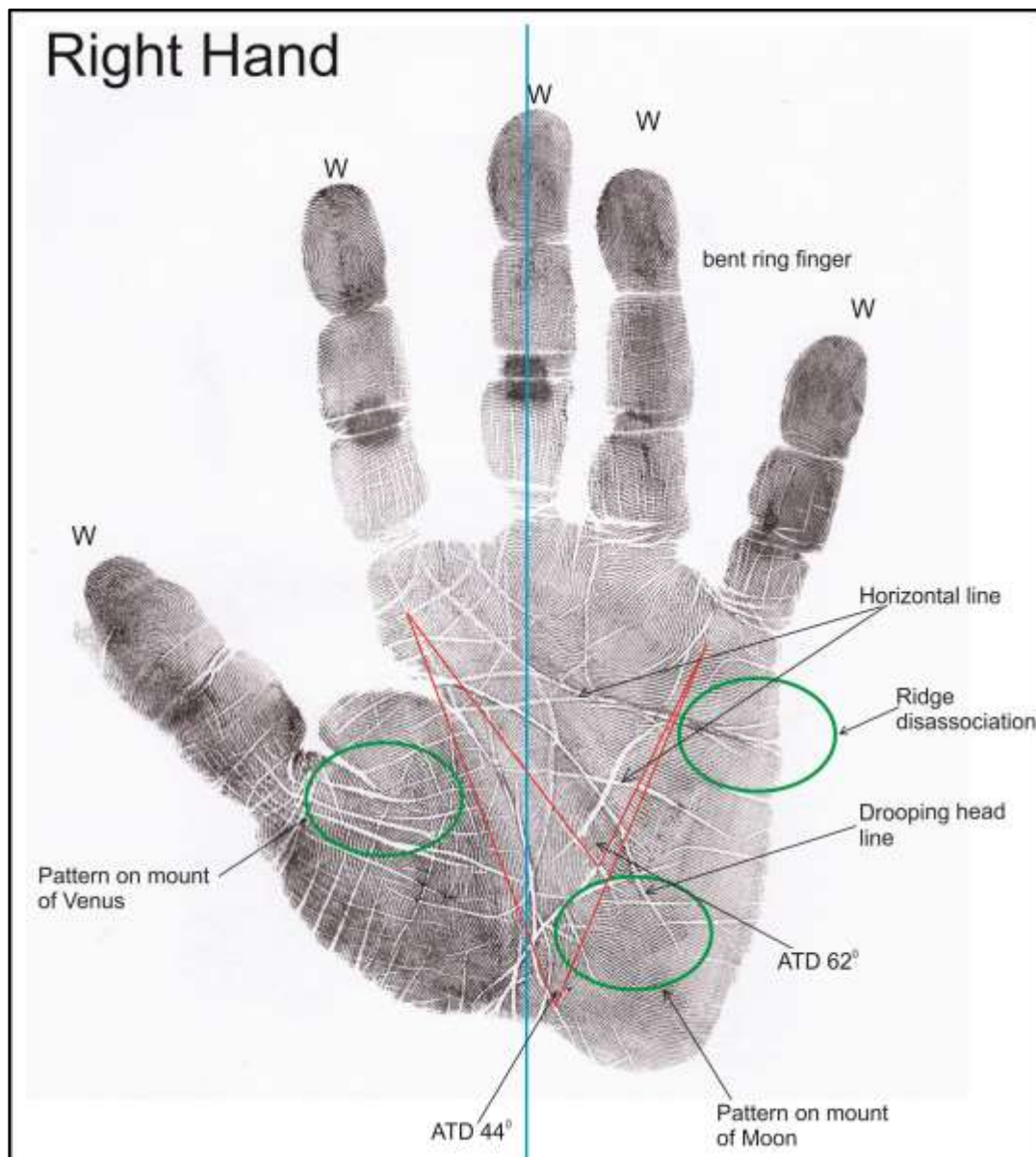


Figure 13 – Case number KKHA 698, an example which shows more than 5 atavistic signs

5. CONCLUSION

In order to realize 'normal' one has to study those which govern the 'abnormal'. Abnormal states of body and mind can teach of us much about normal states. People who have Monomorphic, elementary or primitive hands which contains much more atavistic signs gifted degenerates. The emotions of such people indicate a regression to the proper primitive man, but their intelligence surpasses that of the average normal being. Amongst them famous philosophers, scientists, painters, poets, spiritual leaders, musicians and etc. are to be found. As an example here I compared many hand aspects with well-known great personality of Adolf Hitler. The mixture of progressive and regressive atavistic features can be seen on his hand. In these examples what I am trying to say is in this present century people's fundamental needs are much more expanded and comprehensive. But some people they are going retrograde in civilization. It can clearly see on human hands. It is not uncommon to find one or even two atavistic signs in the hands of normal people but majority of these aspects denote degenerative of a person. Finally we can say that human hand plays a major role to identify evolution of human personality.

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