

been proved and is evidently not capable of being tested. If scientists can accept one hypothesis as being true without being able to prove it, why not accept another? At present, we do not understand the conditions under which UFOs appear, therefore a desire that ufology duplicate the methods of other sciences is unreasonable.

52. My book contains many examples which clearly demonstrate that Science, as such, has been inadequate to the task of solving the UFO problem, under present conditions within Science itself.

53. There exists in modern science what I choose to refer to as the 'orthodox barrier'. This barrier is one which excludes unorthodox thought, particularly when manifested in the printed word. To be recognized, one must generally conform to orthodox teachings, orthodox theories and orthodox methods. To penetrate this barrier is a formidable task. The sound barrier, the heat barrier and the escape-from-earth barrier represented physical limitations, all of which have been overcome by science and technology. But the orthodox barrier is a mental barrier which requires only an opening of men's minds to release preconceived ideas which result in narrow thinking.

54. Dr. David Green gives his own case as an example of being unable to "reach the establishment", or as I call it, penetrate the orthodox barrier. In Scientific Research he describes his work at the Institute for Enzyme Research at the University of Wisconsin where his team developed a new concept of membrane structure and function in mitochondria -- a concept that will revolutionize thought on the whole subject of how chemical energy can actually perform physical work in the cell. "But the scientific establishment has ignored us", he states, "It is amazing how difficult it is to reach the establishment. After all, I, too, have position and authority -- still it is impossible. I have been fighting them for years. I could write a book

about it", he says.³⁰ I hope he does.

55. It appears to me that so long as a scientist is adding bricks to what has already been built, his work is recognized. But if his new construction requires the tearing down of what was built before, he is ignored. He cannot then penetrate the barrier. This indicates the unwillingness of scientists to admit that what has already been accomplished could be wrong.

56. A change in attitude is required, and when this is brought about, the orthodox barrier need not be penetrated -- it will collapse from within.

PHILOSOPHY OF THE PRESENCE OF UFOs

57. Many people reject, on philosophical grounds, the possibility of UFOs being machines controlled by visiting alien races, so we must examine this area of the problem also.

58. Using our present hypothesis, as UFOs have been around for so long, it is frequently stated that if UFOs were visitors from outer space, they would no doubt have landed and made public and official contact with us long before now. But we must consider possible motives for such action, or lack of it. If such a race, or races, is visiting our planet, it may not be their intention to make direct contact with us. A race so highly evolved as they could be, may simply be observing us, as scientists observe the behaviour of animals and insects. It is the same old failing we humans have -- extraterrestrial life must be life as we know it; physical laws must be only those laws which we have discovered; alien races must travel through space the way we would travel through space; and worst of all, they must think the way we think. I can only add, that if they do, then God help them.

59. They could be simply observing us on a long-term basis to determine our progress scientifically and morally. We could be considered a source of