## WHAT IS FOOD?

An Interesting Discussion of This All Important Subject. Read It and Get Ready for That Picnic Dinner

ands of years to reach its present products. stability. In all probability the con- It has been determined that plants the nature of the form, whether it be cells of our body are stable only in tinued struggle in environments, also develop highly stable cells physico-chemical or organic, but also growth, and since growth takes place those listed just above, then, do not which afforded subsistance products whose identity is transmitted thru limiting the range as a possible stor- only under conditions of proper nour- assume such utterly remote relationsimilar to those available today, did like cells in seeds: we conclude that er of inorganic life isomers, (forms ishment we determine immediately ship to the organic as one might at much to establish a cell identity so there must be a reason for this simil-developed thru mental reaction), on certain compounds as responsible first conceive—and these in turn are stable that we are dependent, literarity.

such as the stabilizing growth prosince what others are taken into but obvious necessities to the anially, on but one vital food form— "It has been positively determined duct previously mentioned."

such as the stabilizing growth protection that the digestive system are utilized mate world. namely the vitamines which are that like causes produce like effects we may assume the first appearance mainly to provide energy and heat. X2 These 15 elements comprise found in milk, eggs, lean-meats, in the animate as well as in the in-

we have benefited by them—and while there are few who can explain the actual relationship of these sub-ditions organic forms develop by to stimulate local transformations inallied organisms of today.

ine products found in certain foods Here we come face to face with the be directed not only physico-chemic- becomes plain, that with the develop- rous and non-nitrous characteristics are of primary importance since fact, that subsistance products repre-ally but through nervous reaction so ment of inorganic feeders, isomers—as possible. Again—the normal stawithout them no growth is obtained sent possibly the greatest reason for as to get the greatest amount of which may be useful to other forms, bility of the life cell allows not only and the animal or human attempt- animate evolution-since each plant work from them. ing to live on NON-Vitamine foods controls the destiny of all animals No two elements are the same- ativity-since life forms increasingly growth when one vitamine product will quickly develop symptoms of subsisting upon it. But we see, by thus given time and proximity parts remote from the physico-chemical and others altogether non-nitrous are mal-nutrition, low vitality and be-general observation, that persistent of two differing forms break down feeders are correspondingly more consumed. The relative cost of these come susceptable to disease. Further-types ranging over but few species to a new identity whose action, in stable. more, we read that the immediate are characterized from the rapidly turn, on the original two develops. We may safely assume character- of selective rationing. food value of these vitamines, as reverting types by long-livity. It is the products necessary to maintain ized life-cells of forms now extant they are called, is greater than their also true that these persistent types its continued stability. Of such or as directly resultant of continued vican recognize as comprised only of calarific, or heat-energy value, and may nourish on widely different sub-we no doubt concluded that it is this sistence products. WHY? The ans-But why mention bacteria? How protoplasm in early organisms. Pro-thru their disintegration products, fact which determines them as food wer may be found in adaptive selection or may be considered as merely an asessentials—since it is well known tion, a characteristic property of or action may we expect them to character of life energy—it remains sociation of those elements which are that carbohydrates and fats may healthy body-cells, during the pro- form; especially in a manner as for the heredity chromatin of the life known to be necessary to promote supply the ENERGY needed to eess of change necessary in food specified which, though obviously cells to direct the selective propor health, together with the forms recarry on building and normal health form before it may be assimilated by inanimate, must still be recognized tioning of the life elements and their sulting from such association. The maintaining processes in the body. the said body cells. This breaking as an association physomorphic in more or less complex compounds and known life-elements are: oxygen, The human body, which we know down of food protein and subsequent nature and stable only in the act of derivatives under the influence of the nitrogen, hydrogen, carbon, sodium, is composed of highly developed cells growth is sponsored by vitamines growth. emmeshed in tissues of equal charac- which operate in conjunction with As a first consideration we must stant in stable body cells of today. chlorine, sulphur, iron, magnesium, ter, no doubt required many thous- the said widely different subsistence recognize the "barren" aspect of the See X2 below.

evolution of the four great complexes sence of a tendence to change. During the ages gone by certain of energy environment from the in-

Osborn.

forms and their origin all forgetful plants in turn not being available for fluxations of the availability gradient. of the fact, that evolution concerns the lower forms of animal life."

primoral earth as limiting not only We know that the complex life X2 below. velop in plant and animal forms into co-relative forms whose stability extent to which any given food pro- to our existence. These mysterious substances, no whenever they are subjected to sim- is limited to the imputus of relativitien diminished the loss of body prodoubt, have always existed-at least ilar external conditions."-Zittel ty; that is to say, the energy release tein fixes its maintainance and build-

stances to growth, yet enough is reason of energy transformations to orders increasingly complex with fixes the percentage availability of to continue my practice in Hubbard, known to characterize them as absolutely essential to "analoolism" the original chemical forms: namely, Literally, these formations tend to even during high protein feeding, from this date on I must cancel all (growth) under economic system of action, reaction and interaction, store energy in a form stable within when this percentage availability Sunday office hours except in cases subsistance particular to humans and these co-ordinating throughout the themselves but latent only in the ab- tends towards the zero mark. It is of emergency or by special appointthis shift of the availability gradient | ment. Perhaps you would ask, what main- which first started the search for the types of animals became extinct organic to organic and finally thru tains the life-balance and the equili- mysterious cause, -n ow distinctly mainly because they evolved only in special directions—thus being unter the ultimate life forms of today."—good illustration would be, "the den-

itrifying bacteria which rob ocean do not exist in all foods; tests were We wonder, at times, at the ex- waters of the energy needed for the made and the assumption verified, treme persistency of various life lower forms of plants, and these thus accounting for the observed

Thus, it is obvious that the normal the actual progress of control of en- This explains why, "in the colder stability of the life cell may be greatergy, the "first efforts" of life waters of the oceans, where no such ly promoted by partaking of such forms being directed towards the bacteria exist, the numbers of living subsistence products as contain the From preceeding issues we learned able to revert and adapt themselves capture of energy together with a forms is far greater though their all essential vitamines together with that the nitrogen containing crystal- to other conditions when necessary, storage of the same, subsequently to variety is less."—Osborn. Thus it obtain. Yet these only enhance re- body protein maintainance but also products at once fixes the importance

'expression' dominating power con- calcium, phosphorous, potassium, manganese, silicon and bromine. See

Inorganic substances, such as

liver, kidneys, beans, glutenin of animate world: it becomes obvious, meric, (at the same time), with the ous material tends to prevent the ments KNOWN to exist and only wheat, and certain other natural then, that similar organs must de- dissolution of the existing elements breaking down of body protein—the nine of them are considered as vital

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C. M. Crittenden

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