



## Primärprozesse beim Sehen der Wirbellosen Sozialer Streß bei Tier und Mensch

By Kurt Hamdorf

VS Verlag Für Sozialwissenschaften Jan 1975, 1975. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. This item is printed on demand - Print on Demand Neuware - Christian's concept proposes that the growth of mammalian populations is regulated by density-dependent stress reactions due to social interactions. It is discussed why, until now, there is little clarification of the particular stimuli emitted from conspecifics which lead to stress reactions. The main part of the paper presents an overview of experiments on tree-shrews (*Tupaia belangeri*). These animals are particularly suited for an investigation into the causes of social stress, because the stressing effect of a given situation can directly be observed. Some ethological and physiological consequences of increasing stress are mentioned (e. g. the effects on fertility, growth and health of the animals). The social situations, or stimuli arising from conspecifics, which cause the stress reactions are: A density-effect: its extent depends solely on the number of mature animals of the same sex, resp. their chemical markings, in the cage (without aggression). It can inhibit the reproductive processes of females by disturbing the maternal behaviour, and therefore check the growth of the group. It is, however, not effective enough to...



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