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Absonderung; Fr. sécrétion; Ital. secrezione. stances by glandular cells. See GLAND.

(2) Substance thus elaborated or separated. conception, viz. that a gland simply separated Fr. segmentation; Ital. segmentazione. (1) out different constituents already existing in The division of the developing ovum into the blood and lymph. More careful analysis several cells. See CLEAVAGE. sent in the blood, hence more and more im- more or less similar structure. portance has come to attach to the work of Amongst animals, especially those of elonsecreting cells in transforming and elaborating gated shape, there is almost always a tendency, their special products. The secreting cells so to speak, towards a reduplication of parts, must be supposed to have the power of causing which may lead to the formation of a series of their secretions to flow in a definite direction, very similar segments, as in worms and arthrogenerally towards the duct of the gland or pods. Segmentation usually takes its origin towards a free surface, while other products in the mid-layer, mesoderm, the coelom being of their activity are turned back towards the formed as a series of cavities in the embryo. basement membrane and enter the lymph and In higher forms this metameric segmentablood stream. The entire secretion of certain tion may again become obscured by the fusion ductless glands, such as the glandular portion and modification of a number of segments, as of the pituitary body, thymus, and advenal for instance in the formation of the vertebrate body, as well as an important part of the head. See Embryology, and Coelom. secretions of other glands, come into this relation with the blood. These are called internal secretions. Substances secreted that are of use to the body are sometimes | chosen ]: Ger. (1) Auswahl, (2) Auslese, Selekdesignated as true secretions; while those lion; Fr. selection; Ital. selezione, scelta. The that are injurious and must be removed from process by which preferential survival is

Sect [Lat. secta, from secare, to cut]: Ger. winter. Religionspartei, Sekte; Fr. secte; Ital. setta. A body within a larger organization, whose (1) Conscious selection members are bound together, and to a greater or less degree differentiated from the remaining members, by certain distinctive doctrines (2) Unconscious selection (natural selection). or practices.

A sect may exist without organization or Protestantism have led to schisms.

LOGY, and Social Psychology, and cf. desired type, may be eliminated or excluded GROUP (social).

Secundum quid [Lat.]: relatively; under (1) The elaboration and separation of sub- limitations in certain respects. See Perserry. passim.

Segmentation [Lat. segmentum, a seg-The term was early applied to the original ment]: Ger. Segmentation (cf. CLEAVAGE);

soon demonstrated that the characteristic (2) The division of the body of an animal substances of many secretions were not pre- into a series of segments, or metameres. of

Segregation: see Isolation.

Selection (in biology) [Lat. selectus, the body are termed excretions. (C.F.H.) effected in the struggle for EXISTENCE (Q. V.).

The importance of certain of the internal Selection in this sense may be (a) conscious secretions has recently been shown both in and purposive, i.e. with the improvement of the economy of organic life and growth and the race as a definite end in view, e.g. man's as of developmental significance; especially selection in many of its phases; (b) conscious in two ways: (1) as being necessary to the but not purposive, e.g. sexual selection health and normal function of organs seem- (selective mating) among animals; or (c) ingly very remote, and (2) as showing utility unconscious, as in natural selection, when, for in organs having apparent function. (J.M.B.) example, hardy birds survive through a severe

Thus (cf. Selection, in psychology):

(a) Purposive (artificial, social).

(b) Non-purposive, e.g. sexual.

Under conscious selection we have:

(a) Purposive selection. Darwin used the it may organize and reach the stage of a phrase ARTIFICIAL SELECTION (q. v.) for the schism. The Reformation created a schism in purposive improvement by man of animals the Romish Church, and many of the sects of or plants by breeding. One of two broadly contrasted methods may be employed in The topic and the term have become im- accordance with circumstances: (1) the best portant in recent sociological discussion (cf. animals or plants may be chosen out for the Simmel, 'The Persistence of Social Groups,' propagation of the race; (2) the weakly, or Année Sociol., i); see (for literature) Socio- those which depart in some way from the (A.T.O.) from such propagation. The net result, so