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PHENOMENA OF LIFE MAINTAINED AND CONTROLLED BY TWO ANTAGONISTIC PRINCIPLES OF INNERVATION.

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(Continued from last number.)

"For he who studies nature's laws,
From certain truths his maxims draws."

The principle of transmission through the same trunk of innervation to and from a centre, is well established in the fifth and eighth pairs. Here fibres for special sense, common sensation and motion lie side by side in the same fasciculus, yet each completely insulated. It is therefore perfectly compatible with known anatomical arrangement and physiological law, to suppose the existence of centrifugal nerve-fibres specially endowed for the regulation of vascular function. The very intimate connection between the nervous systems and the arteries, the innumerable filaments sent to their muscular coats, and the invariable nervous accompaniment to their ultimate terminals, suggest a