

are true mercenaries, and will not serve without pay, and for them the tree provides food and shelter—hollow appendages (stipules) to live in, and nutrient floods on which they may feed. Then, when the foes appear, they rush out and drive them off. The allied phenomena of parasitism, symbiosis and commensalism illustrate in a marked manner the interdependence of organisms, and bring home to us in a picturesque manner the fact that few are able to live only for and by themselves, but that it is the common lot by serving others to serve themselves.—*The Lancet*.

FOOT-BALL IMPETIGO.—To the opprobrium under which the game of foot-ball already rests is yet to be added the responsibility of causing a peculiar form of cutaneous disorder. For the purpose of obtaining information as to the etiology, nature and treatment of the affection, which was recently prevalent among English foot-ball players, the Council of the Medical Officers of Schools Association of London has issued an appeal asking for data as to (1) the nature of the site upon which the school stands, whether the pupils are affected or

not; (2) whether Association or Rugby foot-ball is played; (3) the nature of the disease, particularly as to its contagiousness; (4) the prophylactic and curative treatment proper to the disease. The disorder is believed to be contagious, and occurs principally on the face, ears and neck, and sometimes on the hairy scalp. It successively passes through stages of erythema, papule, vesicle and purulent crust. *Med. News*.

DISINFECTION OF TUBERCULAR SPUTUM BY PARACHLOROPHENOL.—According to the *Medical Week*, Dr. A. Spengler has found that parachlorophenol infallibly kills Koch's bacillus. He injected into the peritoneal cavity of guinea-pigs one cubic centimetre of an emulsion of tubercular sputum, prepared either with ordinary water or with a 2 per cent. parachlorophenol solution. On killing the animals some time thereafter, those that had been inoculated with disinfected sputum were entirely free from bacillary infection, whereas those into which the emulsion unmixd with parachlorophenol had been injected presented, without exception, tubercular lesions. *N. Y. Med. Jour.*

ROTHERHAM HOUSE.

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