

exuviae of animals: they cannot, therefore, be satisfactorily studied in cabinet collections. Were any botanist, well acquainted with vegetable physiology, to devote some time to exploring the vegetable remains, as they are abundantly brought up by our coal-miners, they might have the opportunity of re-constructing many entire species from the fragments; but, in order to form a geological classification of fossil plants, a practical acquaintance with all the secondary strata is further required. The attempt of M. Adolphe Brongniart to give a geological classification of the families of plants peculiar to each principal formation, is entitled to high commendation, as the nearest approximation to a correct arrangement of fossil plants that has yet been made. See his "*Histoire des Végétaux fossiles*," and his "*Prodrome d'un Histoire des Végétaux fossiles*."