

SYNOPTICAL TABLE.

BOOK II.

SUPERMEDIAL ORDER.

Synonymes.—This class includes generally all the secondary formations more recent than the great Coal-deposit, and between it and the Tertiary or Newest Flætz class. As the first Flætz Limestone of Werner corresponds with the lowest calcareous formation of this order, it may be said to be co-extensive with the Flætz class of his school, as distinguished from the Newest Flætz ; but some Wernerians include the Coal-deposits among the Flætz, while others refer them to the Transition order.

Introduction, comprising a General View of this Order.

Chapter I. Chalk.

- Section I. General and introductory observations : (a) on the connection of the Chalk and more recent beds ; (b) on the Foreign localities of this formation.
- Section II. *Particular account of the Chalk formation ;*
a. chemical and external characters ; b. mineral contents ; c. organic remains ; d. range and extent ; e. elevation ; f. thickness ; g. inclination ; h. agricultural character ; i. phenomena of water and springs ; k. miscellaneous remarks.
- Section III. Particular view of the Sections of this formation in the *cliffs of the Southern coast* ; (a) *Isle of Thanet*, (b) *near Dover*, (c) *Sussex*, (d) *Isle of Wight*, (e) *Isle of Purbeck*, (f) *between Lyme and Sidmouth* ; (g) Comparative view of the opposite French coast.

Chapter II. Beds between the Chalk and Oolitic series.

- Section I. General and Introductory ; (a) general enumeration of the series as ascertained in England, (b) Foreign localities.
- Section II. *Chalk Marle*, a to k. as before.
- Section III. *Green Sand*, a to k as before.
- Section IV. *Weald Clay*, a to k. as before.
- Section V. *Iron Sand*, a to k. as before.
- Section VI. } Particular account of the distribution of these
VII. } formations in the several districts occupied by
VIII. } them. Sect. 6. *in the Weald* ; Sect. 7. *in the*
& } *Isle of Wight* ; Sect. 8. *Isle of Purbeck* ;
IX. } Sect 9. *Midland counties*.