

CLASSIFICATION OF FITZINGER.

This diagram is extracted from Fitzinger's *Systema Reptilium*, Vindobonæ, 1843, 1 vol. 8vo.

I. Provincia. EVERTEBRATA.

Animalia systematum anatomicorum vegetativorum gradum evolutionis exhibentia.

A. Gradus evolutionis systematum physiologicorum vegetativorum.

I. Circulus. GASTROZOA.

Evolutio systematis nutritionis.

a. *Evolutio prævalens
systematis digestionis.*
CL. 1. Infusoria.

b. *Evolutio prævalens
systematis circulationis.*
CL. 2. Zoophyta.

c. *Evolutio prævalens
systematis respirationis.*
CL. 3. Acalephæ.

II. Circulus. PHYSIOZOA.

Evolutio systematis generationis.

CL. 4. Vermes.

CL. 5. Radiata.

CL. 6. Annulata.

B. Gradus evolutionis systematum physiologicorum animalium.

III. Circulus. DERMATZOA.

Evolutio systematis sensibilitatis.

CL. 7. Acephala.

CL. 8. Cephalopoda.

CL. 9. Mollusca.

IV. Circulus. ARTHROZOA.

Evolutio systematis motus.

CL. 10. Crustacea.

CL. 11. Arachnoiden.

CL. 12. Insecta.

II. Provincia. VERTEBRATA.

Animalia systematum anatomicorum animalium gradum evolutionis exhibentia.

A. Gradus evolutionis systematum physiologicorum vegetativorum.

a. *Evolutio systematis nutritionis, simulque ossium: . . .* CL. 13. Pisces.

b. *Evolutio systematis generationis, simulque musculorum:* CL. 14. Reptilia.

B. Gradus evolutionis systematum physiologicorum animalium.

c. *Evolutio systematis sensibilitatis, simulque nervorum:* CL. 15. Aves.

d. *Evolutio systematis motus, simulque sensuum: . . .* CL. 16. Mammalia.

The fundamental idea of the classification of Fitzinger is the same as that upon which Oken has based his system. The higher divisions, called by him provinces, grades, and cycles, as well as the classes and orders, are considered as representing either some combination of different systems of organs, or some particular system of organs, or some special organ. His two highest groups (provinces) are the Evertibrata and Vertebrata. The Evertibrata represent the systems of the vegetative organs, and the Vertebrata those of the animal organs, as the Gut-