

Exam 3 Review Topics (i.e. highlights)

Chapter 9

Marginocephala

Groups linked by shelf frill

Late Cretaceous in age

Ceratopsia (2 groups)

- Psittacosaurus (Parrot)
- Neoceratopsia

Evolutionary novelties:

- rostral bone
- narrow beak
- flaring jugal (cheeks)
- deep jugal with distinct ridge frill
- highly vaulted palate

Originated in Asia

Last dinos

Psittacosaurus -

Primitive ancestor to the ceratopsians.

Low. Cret. Asia - Paul Sereno

Originally with ornithomimids

High position of nostrils

Tall rostrum - Short snout

Short frill

Cheek teeth - broad, flat wear

surfaces - self sharpening

Jaws inset from skull - suggest cheek pouches

2 meters in length

Skeletal struc. more like ornithomimids than ceratopsians

