

# 关于宁夏的一个蛋标本

杨 锤 健

(中国科学院古脊椎动物与古人类研究所)

## 产地与描述

本文所述标本,系由宁夏区测队所采,要求鉴定,未说明详细地点,只说与原角龙科(Ceratopsidae)同层。

该标本只保存了近端的一部分,长36mm,横宽为33mm。(图版 I)。蛋内部为红色砂土所填充(图版 I 上;图版 II)。蛋皮甚薄,究竟是鸟本身已孵化,或因蛋本身破碎,而成了目前的情况,难以明确判定,或者以前者较为可能,因为砂土中未见有任何蛋内之物。

蛋皮白色微黄红,具有很多斑点,凹与鸡蛋完全平滑的情况不同。

## 鉴定与讨论

由以上所述,现有这一标本,首先排除了为鸢嘴龙和原角龙的可能性。因为前者时代较老,为早白垩世,后者为长形蛋,而且很大。黄昏鸟过大,也不可能是这一鸟所产者。更不可能属于龟类。从另一方面看,这一标本有属于以下几个属的可能性:

1. 可能是鳄蛋。(见杨 1965 Plate XVI, C), 该标本与鳄蛋相对比,两者大小相近,(但略小于鳄蛋)。另外,鳄蛋的尖端与钝端不突出,因而也有可能不是鳄蛋。

2. 另外的可能性是属晚白垩世的鱼鸟。鱼鸟很小,其蛋大约与之相近。鱼鸟在水上捕鱼为生,是在水边生活,如湖、海等。宁夏当时有无比条件不得而知,所以只能作为一种假设而已。

3. 当然也有属于一种新的鸟的蛋之可能性,不过标本太不完全,未能作出确切的鉴定,因而只有存疑。

根据磨片标本的显微结构观察,蛋壳厚度约0.30毫米,乳突透明,圆锥形,直径一般为0.11毫米;层状稜柱层略呈乳黄色,厚约0.16毫米。和现生的雁形目(Anseriformes)一类的蛋壳有些相近,但层状稜柱层中的每个柱状体略呈扇形,排列比较规则。

在我国极有可能发现更多的蛋化石,特别是这类蛋通常不是单一产生的,而是一窝。也大有可能找见这种蛋的生产者,希望野外工作同志能继续进行采掘,新的发现是极可能的。

(1977年6月7日收稿)

## 参 考 文 献

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## NOTE ON AN EGG FROM NINGHSIA

Young Chung-chien

(*Institute of Vertebrate Paleontology and Paleoanthropology, Academia Sinica*)

### Summary

There is a broken egg from Ninghsia collected by the local geological part of this area. It is said to be occurred from the Creatopsidae bed detail place unknown.

The preserved part of the egg 36 mm. length and 33 mm. broad, its inner part is filled by red sands (see plates I—II) it is probable that the animal was already developed.

The surface of the egg is slightly white and slightly yellow with irregular pits.

The egg is certainly not that of *Psittacosaurus* because of its older age. Also not that of *Hesperonis*, on account of its larger size. The belonging of chelonian is also excluded.

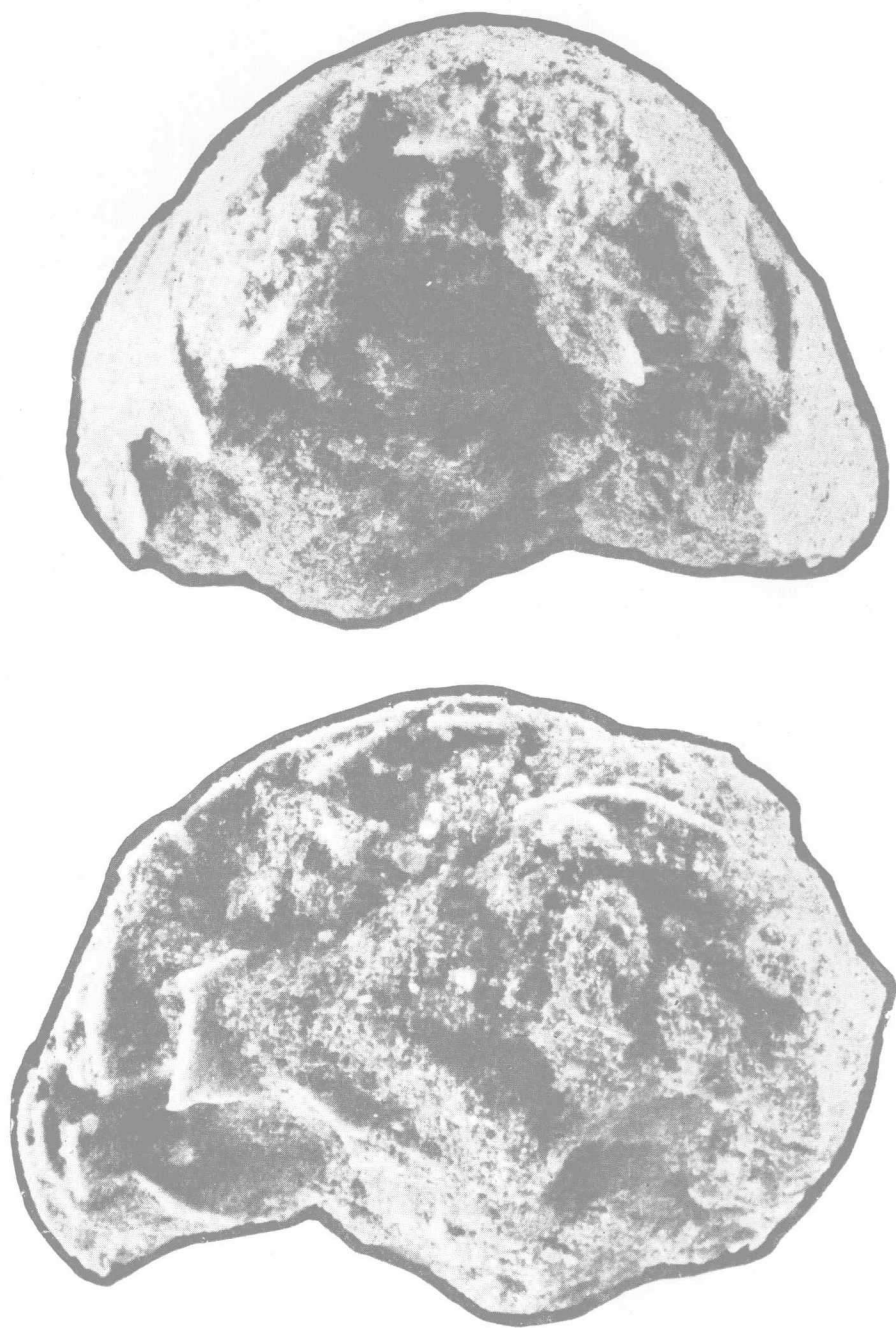
The following possibilities may be considered:

1. To a crocodile saying *Alligator*. But the sharp point of the egg of Alligator is not obvious, so that this is less possible.

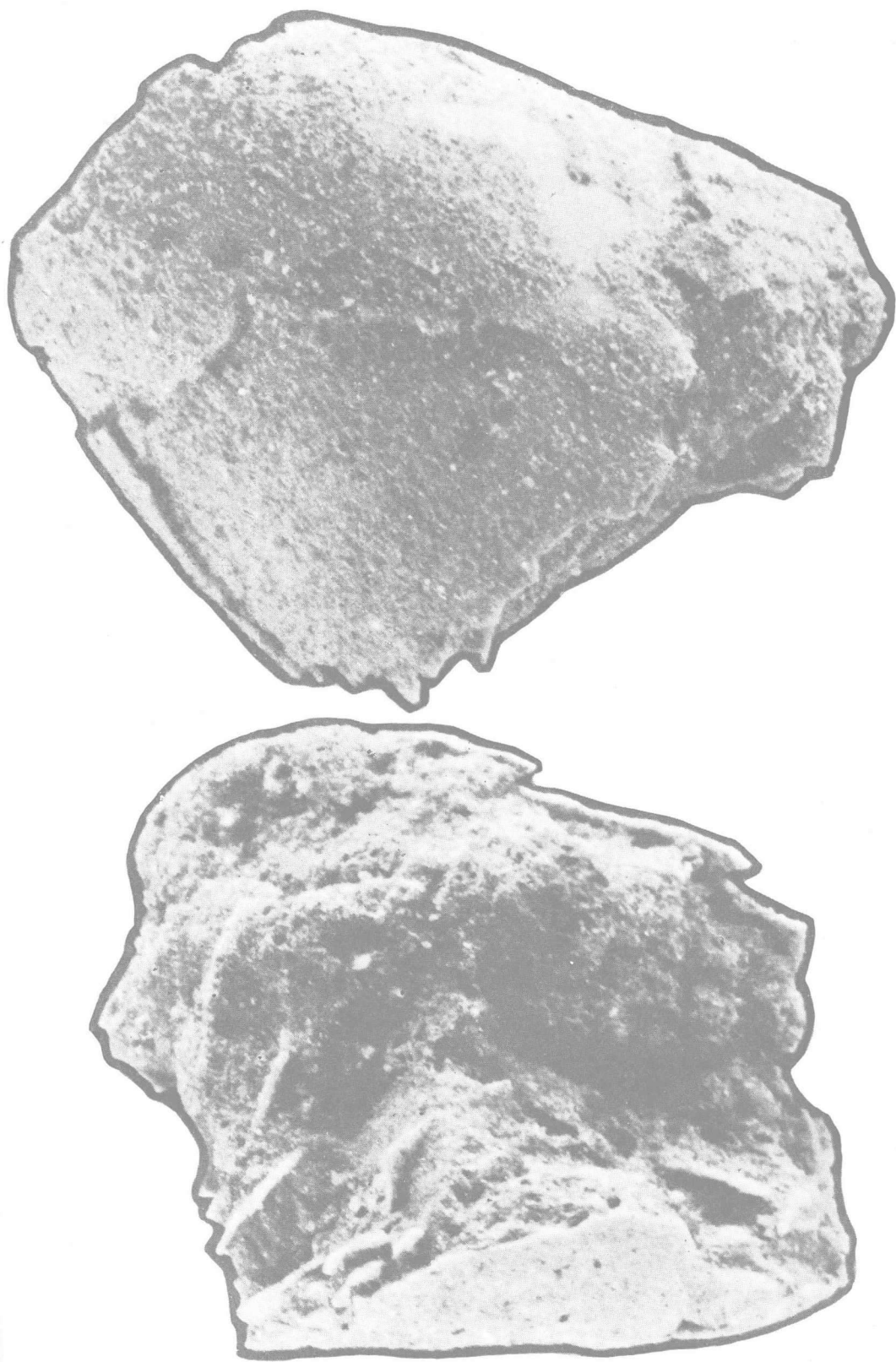
2. To *Ichthyornis*. Its size is quite good for this genus but this bird is living in the water and not quite the same environment of Ninghsia. It is less probable to be Considered here.

3. Belongs to a new form. But the specimen is too bad for erecting a new name.

All in all, there are many possibilities to discover new form in our country. The same is for eggs. In addition, the nest with egg is certainly not one but the nest and may also see the producer of the eggs.



上、蛋的尖端视,下、蛋的钝端视×1



上 蛋皮表面视，下 破损面视 × 1