

consuetudine mansuescit mas, adeo ut resupinatus complectatur canem pedibus et colludat, ita ut nec dente lædat nec ungue."

Caius has a chapter *De Cornibus Cervi Palmati*, of which he had seen and figured a specimen in the monastery at Kenilworth in Warwickshire:—another chapter, also, on the Bonasus, whose skull and ribs were then preserved in the chapel of Guy of Warwick. In this he also mentions the Wild Cattle of our forests.

Notices of the Crocodile by the English Crusaders.

"*De Cocodrillis, &c.*—Cocodrillos apud Damietam invenimus et interfecimus: est autem bestia crudelis, homines et jumenta devorans, apertis oculis solo visu ova sua fovet: exclusi pulli statim fugiunt parentem quasi hostem, quos enim rapere potest in momento glutit et devorat."

"Ægyptii vero honoraverunt Prophetam, sepelientes eum juxta tumulum Regum, memores beneficiorum quæ præstiterat Ægypto, oratione enim sua fugaverat bestias aquarum, quas Græci *Cocodrillos* appellant."—*Historia Captionis Damietæ*: apud Gale, *Historiæ Anglicanæ Scriptores* XV. vol. ii. p. 452.

They are called *Cocodryll* in Trevisa's Chronicle.

RICHARD TAYLOR.

A Monograph of Macrochisma, a genus of Gasteropodous Mollusca belonging to the family Fissurellidæ. By ARTHUR ADAMS, R.N., F.L.S.

MACROCHISMA, Swainson.

Animal? Shell elongated, clypeiform, radiately ribbed, extremities elevated; foramen very large, elongated, placed near the hind part, with a groove posteriorly; the hind margin sinuated.

1. *MACROCHISMA MAXIMA*, A. Adams. *M. testâ oblongâ, costis parum elevatis subrugosis, striisque concentricis obsoletis ornatâ, fusco radiatim maculatâ, dorso elevatâ, lateribus planulatis, extremitate anticâ rotundatâ; posticâ elevatâ, subtruncatâ; foramen dilatatum, posticè excavatum.* Hab. —?

2. *MACROCHISMA DILATATA*, A. Adams. *M. testâ ovato-oblongâ, radiatim costatâ, rubrâ, albo variegatâ, utrinque rotundatâ, lateribus dilatatis; foramen oblongum, in medio angustatum.* Hab. —?

3. *MACROCHISMA HIATULA*, Swainson, *Manual of Malacology*, p. 356.

Fissurella macrochisma, Sow.

M. testâ ovato-oblongâ, radiatim costellatâ, fuscâ, subdepressâ, lateribus concavis, utrinque rotundatâ; foramen magnum, oblongum, posticè dilatatum, extremitate posticâ valdè elevatâ; margine vix sinuato. Hab. —?

4. *MACROCHISMA COMPRESSA*, A. Adams. *M. testâ angustè oblongâ, albidâ, roseo radiatim pictâ, costellis granulosis striisque concentricis decussatâ, utrinque rotundatâ, dorso convexâ, lateribus compressis, in medio inflexis, extremitate posticâ valdè elevatâ; foramen magnum, lanceolatum, posticè dilatatum.* Hab. —?

5. *MACROCHISMA MEGATREMA*, A. Adams. *M. testá ovato-oblongá, albidá, roseo radiatim pictá, costellis rugosis striisque concentricis sculptá, dorso subelevatá, lateribus planulatis; foramen ovato-lanceolatum, permagnum.* *Hab.* —?

6. *MACROCHISMA CUSPIDATA*, A. Adams. *M. testá ovato-oblongá, anticè angustatá, productá, acuminatá, posticè elevatá, rotundatá, margine valdè undulatá, fuscátá, annulis fuscis concentricis ornatá, lineis elevatis et concentricis cancellatá, circa foramen pallidá, extremitate posticá valdè elevatá; foramen magnum, cuspidatum, posticè dilatatum.*

Hab. Cagayan, in insulis Philippinis; *H. C.* (Mus. Cuming.)

7. *MACROCHISMA PRODUCTA*, A. Adams. *M. testá angustoblongá, dorso elevatá, convexá, albidá, fusco pallide variegatá, lineis elevatis striisque concentricis obsoletè decussatá, anticè angustá, productá, lateribus planulatis, extremitate posticá rotundatá, elevatá; margine valdè sinuatá; foramen perlongum, triangulare, posticè dilatatum.*

Hab. in littoribus Australiæ. (Mus. Cuming.)

8. *MACROCHISMA ANGUSTATA*, A. Adams. *M. testá angustá, oblongá, dorso elevatá, utrinque rotundatá, albidá, lineis fuscis maculisque rufo-fuscis pictá et tessellatá, costellis obtusis subrugosis, lineisque depressis, concentricis, subdistantibus, sculptá, extremitate posticá elevatá, margine sinuato; foramen magnum, elongatum, subtriangulare, posticè dilatatum, excavatum.* *Hab.* —?—From the *Proc. of the Zool. Soc.* July 23, 1850.

METEOROLOGICAL OBSERVATIONS FOR AUG. 1851.

Chiswick.—August 1. Cloudy and warm: slight rain. 2—5. Very fine. 6. Fine: densely clouded. 7. Overcast: fine: clear: lightning at night. 8. Very fine. 9. Overcast: cloudy. 10. Cloudy. 13. Sultry. 14. Fine: lightning at night. 15. Cloudy and fine. 16. Very fine. 17. Showery. 18. Cloudy and fine: clear. 19. Very fine: slight haze: clear. 20, 21. Very fine. 22. Very hot. 23. Overcast. 24. Heavy showers, with sunny intervals. 25. Very fine. 26. Slight rain. 27. Fine: constant and very heavy rain at night. 28. Fine: densely clouded. 29. Clear and cold: heavy showers, with hail in afternoon: overcast. 30, 31. Cloudy.

Mean temperature of the month 62°·84
Mean temperature of Aug. 1850 59·38
Mean temperature of Aug. for the last twenty-five years . 62·21
Average amount of rain in Aug. 2·41 inches.

Boston.—Aug. 1. Cloudy: rain P.M. 2—4. Fine. 5—7. Cloudy. 8. Fine. 9—11. Cloudy. 12. Fine. 13. Cloudy: rain early A.M., and lightning P.M. 14. Fine: rain, thunder and lightning P.M. 15. Fine. 16. Fine: rain P.M. 17. Fine. 18. Cloudy. 19. Fine. 20. Cloudy. 21, 22. Fine. 23. Cloudy: rain A.M. 24. Cloudy: rain P.M. 25. Fine. 26. Cloudy: rain P.M. 27. Cloudy. 28. Fine: rain early A.M. 29. Cloudy: rain A.M. and P.M. 30, 31. Cloudy.

Sandwich Manse, Orkney.—Aug. 1. Bright: showers. 2. Cloudy. 3. Bright: clear. 4. Bright: very clear: fine. 5. Clear: fine: very clear: fine. 6. Clear: fine: very clear: fine: aurora. 7. Clear: fine: haze. 8. Cloudy. 9, 10. Cloudy: bright. 11. Cloudy: drops. 12. Drizzle: damp. 13. Rain: damp. 14. Rain: drops: fine. 15. Drops: damp. 16. Clear: fine. 17. Cloudy: clear: fine. 18. Clear: cloudy. 19. Rain: cloudy. 20. Hazy: fine. 21. Rain. 22. Damp: cloudy. 23. Bright: cloudy: thunder. 24. Clear: cloudy. 25. Bright: clear. 26—28. Showers. 29. Showers: drizzle: showers. 30. Bright: clear: aurora. 31. Drizzle: clear: aurora.



Adams, Arthur. 1851. "A monograph of Macrochisma, a genus of Gasteropodous Mollusca belonging to the family Fissurellidæ." *The Annals and magazine of natural history; zoology, botany, and geology* 8, 350–351.
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