

4. A List of Species of Shells from West Africa, with Descriptions of those hitherto undescribed. By EDGAR A. SMITH, Zoological Department, British Museum.

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(Plate LXXV.)

The British Museum has lately received (1870) a series of shells from the Slave Coast, West Africa. They were all collected by the late Capt. Knocker, R.N., the majority of them being dredged at Whydah, on the Dahomey shore. As the knowledge of precise localities is always of value to the zoologist, in furtherance of a knowledge of geographical distribution, I thought it would be useful to publish the following list, at the same time adding descriptions of those species which appear to be new to science.

CONCHIFERA.

1. VENUS DECLIVIS, Sow. jun., Thesaur. Conch. ii. p. 730, pl. 157. f. 123, 124.

*Hab.* West Africa.

Mr. Sowerby gives "Eastern Seas" as the locality of this species.

2. VENUS CASINA, Linn. Syst. Nat. p. 1130.

*Hab.* Whydah.

This well-known European species has not been before recorded from West Africa. Mr. R. M'Andrew found it at the Madeira Islands.

3. DIONE FLORIDELLA, Gray, Analyst, viii. p. 306.

*Hab.* Whydah.

4. DIONE VIRGO, Gray, Cat. Cyth. Anal. viii. p. 306.

*Hab.* Whydah.

This species is also found at Java (*Cuming*). Capt. Knocker collected a variety, which is of a broader and more depressed form than typical specimens.

5. DIONE TELLINÆFORMIS, Phil. Abbild. Conch. iii. p. 59, pl. 9. f. 1.

*Hab.* Whydah.

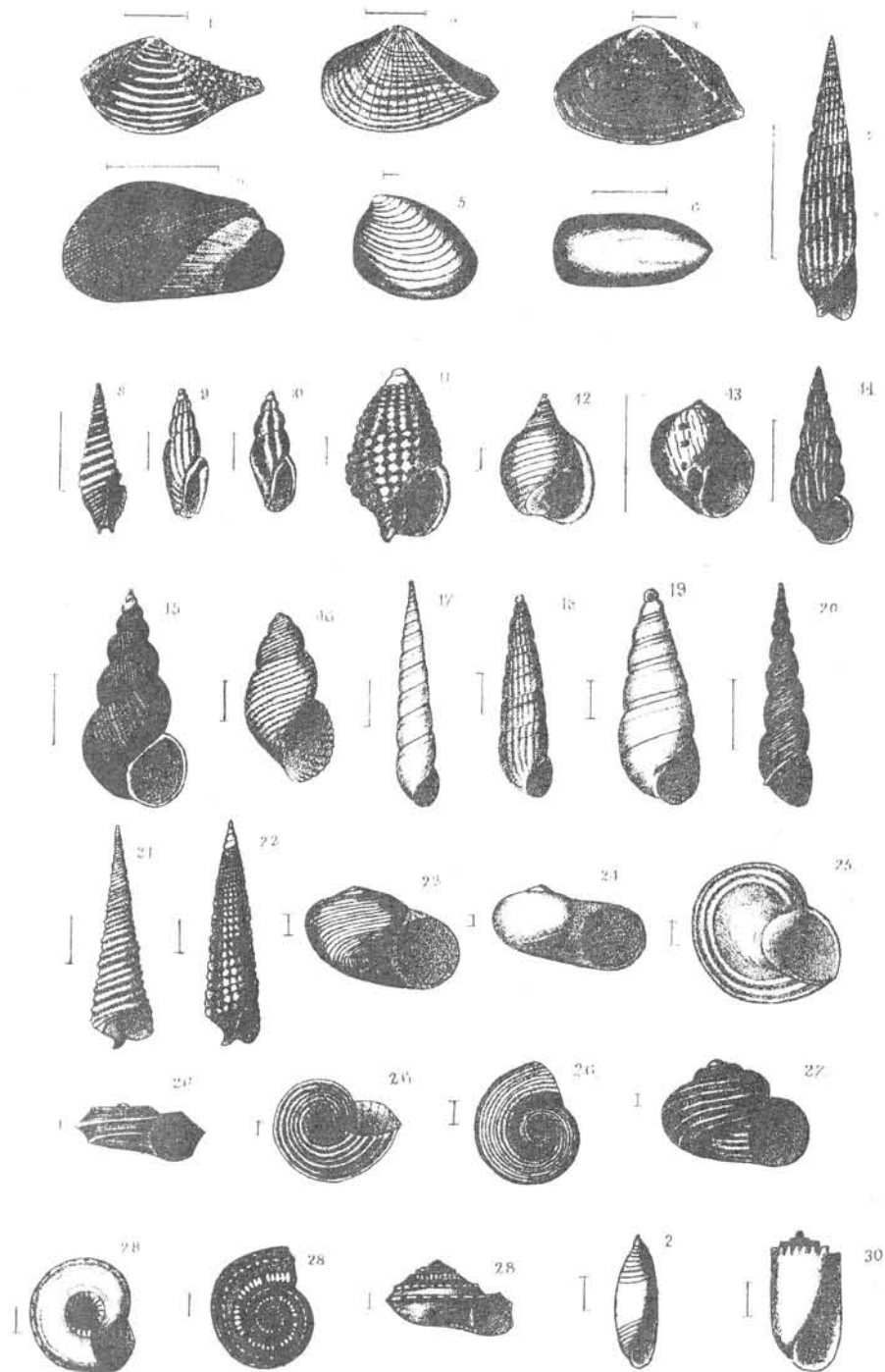
6. TRIGONA TRIPLA, Linn. Mantissa, p. 545.

*Hab.* West coast of Africa.

7. TELLINA (MACOMA) UMBONELLA, Lamk. Anim. s. Vert. ed. 2, vi. p. 606.

*Hab.* Whydah.

This species is also found at Port Lincoln, South Australia (Angas, P. Z. S. 1865, p. 647).



*fusco tincta, nitens; valvæ concentricè fortiter costatæ; valvarum margines inter crenulatæ.*

Diam. transversa 2 mill., diam. longit.  $1\frac{1}{2}$ .

*Hab.* Whydah.

A very strongly ribbed species, one of the smallest of the genus, and the first recorded from West Africa, I believe.

28. PECTEN PSEUDAMUSIUM, Klein, Meth. Ost. p. 134, pl. 9. f. 31.

*Hab.* Whydah.

29. OSTREA GUINEENSIS, Dkr. Novit. Conchol. Suppl. ii. p. 43, pl. 7. figs. 12-18.

*Hab.* Whydah.

This species was discovered by Dr. Tams at Loanda, about 1400 miles south of Whydah.

#### BRACHIOPODA.

30. LINGULA PARVA, sp. nov. (Plate LXXV. fig. 6.)

*Testa oblongo-ovalis, versus apicem parum attenuata, pallido flavida, lævis; valvæ clausæ.*

Diam. transversa 5 mill., diam. longit. 10.

*Hab.* Whydah.

#### PTEROPODA.

31. BALANTIUM RECURVUM, Children, Journ. of Sci. Lit. & Arts, 1824.

*Hab.* Whydah.

#### GASTEROPODA.

32. TEREBRA FESTIVA, Desh. Journ. de Conch. vi. p. 74, pl. 3. f. 4.

*Hab.* West Africa.

33. TEREBRA (MYURELLA) MARGINATA, Desh. Journ. de Conch. vi. p. 86, pl. 4. f. 8.

*Hab.* Whydah.

34. TEREBRA (MYURELLA) SOWERBYANA, Desh. Journ. de Conch. vi. p. 93, pl. 3. f. 8.

*Hab.* Whydah.

35. TEREBRA (ABRETIA) KNOCKERI, sp. nov. (Plate LXXV. fig. 7.)

*Testa elongato-subulata, pallide brunnea; infra suturam zona alba et ad peripheriam angustiore ornata; apex fuscus; anfractus 14, primi 4 convexi, politi, cæteri plane convexi, longitudinaliter costati, in anfractu ultimo costæ 16; apertura parva, angusta; columella fusco tincta, modice contorta.*

Long. 20 mill., diam. 4.

*Hab.* Whydah.

36. TEREBRA MICANS, Hinds, Proc. Zool. Soc. 1843, p. 157.

*Hab.* West Africa.

37. PLEUROTOMA SPIRALIS, sp. nov. (Plate LXXV. fig. 8.)

*Testa fusiformis, pallido-fusca; anfract. 18, primi 3 politi, convexi, cæteri plane convexi, carina acuta in medio succincti; anfract. ultimus cingulis 12 æqualibus ornatus; sutura cingulo minore definita; interstitia oblique striata; apertura angusta; columella nigro-fusca; canalis brevissimus; labium tenue; incisura magna.*

Long. 11 mill., diam. 3.

*Hab.* Whydah.

This species belongs to the same group as *P. violacea*, Hinds.

38. DRILLIA PYRAMIDATA, Kiener, Icon. Coq. Viv. Monog. Pleurotoma, p. 57, pl. 21. f. 4.

*Hab.* Whydah.

39. DRILLIA (CRASSISPIRA) CARBONARIA, Reeve, Proc. Zool. Soc. 1843, p. 187.

*Hab.* West Africa. "—?" (Reeve).

40. PERRONA LINEATA, Lamk. Anim. s. Vert. ed. 2, vol. ix. p. 348.

*Hab.* Whydah.

41. CLATHURELLA LABIOSA, sp. nov. (Plate LXXV. fig. 9.)

*Testa elongato-ovata, albida; anfract. 6, infra suturam pellucide zonati, modice convexi, superne subangulati, oblique longitudinaliter valide costati, transversim sulcati; sulci supra costas indistincti; apertura angusta, elongata, spiram æquans, ad basim contracta; incisura distincta; labium crassissimum.*

Long. 5 mill., diam.  $1\frac{1}{2}$ .

*Hab.* Whydah.

42. MANGELIA ANGULOSA, sp. nov. (Plate LXXV. fig. 10.)

*Testa parva, ovata, pallido-brunnea; anfract. 6, primi 4 convexi, politi, simplices, cæteri medio angulati, costis validis, curvatis, remotis (in anfract. ultimo 6) ornati; transversim exilissime striati; striæ supra costas indistinctæ; apertura subovata, spiram fere æquans; columella callosa, superne tuberculata; labium in-crassatum; canalis perbrevis.*

Long. 5 mill., diam.  $1\frac{1}{4}$ .

*Hab.* Whydah.

43. MUREX TURBINATUS, Lamk. Anim. s. Vert. ed. 2, vol. ix. p. 586.

*Hab.* Whydah.