

RANGE TABLE OF MARINE FOSSILS FOUND IN SANTOS OODNADATTA No 1 to 606 feet.

Note this table is preliminary. Additional wells may extend some ranges. Also, a number of fossil identifications are shown in open nomenclature.

ECHINODERMATA

1 *Isocrinus australis* (Moore)

2 *Holaster* sp.

BRACHIOPODA

3 *Lingula subovalis* Davidson

4 *Trematella* n.s.p.

PELECYPODA

5 *Nucula quadrata* Etheridge

6 *N. truncata* Moore

7 *Malleria elongata* (Etheridge)

8 *Inoceramus* cf. *I. etheridgei* Etheridge fil. - irreg. broad ribs and folds.

9 *I.* cf. *I. etheridgei* var. 1 - small species, broad angular folds; ribbing faint.

10 *I.* cf. *I. etheridgei* var. 2 - close, somewhat irreg. ribbing and broad folds.

11 *I.* cf. *I. etheridgei* var. 3 - regular, rounded strong ribbing

12 *Maccoyella corbiensis* (Moore) var. 1 - almost smooth; concentric furrows (2)

13 *M.* *corbiensis* var. 2 - with quaternary radial ribbing, all ribs ± equal.

14 *M.* *corbiensis* var. 3 - with tertiary radial ribbing - prim./sec. ribs stronger

15 *Pseudavicula anomala* (Moore) - very thin, filmy, shell with rad. & conc. ribbing

16 *Aucellina hughendenensis* (Etheridge) - large species, n. valve bulging posterior

17 *A.* *hughendenensis* var. 1 - med. size; posterior ear rounded on right valve.

18 *A.* *hughendenensis* var. 2 - med. to large; post. ear 120° plus on n.v.

19 *A.* *hughendenensis* var. 3 - small; n.v. post. ear ca. 100°, "spoon" up-twisted

20 *A.* *hughendenensis* var. 4 - small; n.v. post. ear near 90°, "spoon" up-twisted

21 *Trigonia cinctata* Etheridge fil.

22 *Pecten Chlamys* n.s.p. A - small; spinous radial ribbing

23 *Pecten* ? *Chlamys* n.s.p. B - small to med. size; concentric groove midshell

24 *Pecten* ? *Chlamys* n.s.p. C - small; smooth almost; steep shell rim

25 *Pecten* *Synclonema socialis* (Moore)

26 *Lima Radula nandei* Etheridge fil.

27 *Lima* cf. *L. gordonii* Moore.

28 *Cytherea woodwardiana* Hudleston

29 *Cytherea* cf. *C.* Moorei Etheridge fil.

30 ? *Cytherea* sp. ind.

31 *Cytherea subaurita* Etheridge fil.

32 *Pachydomella churus* Etheridge fil.

33 ? *Corbula* sp. ind.

34 *Cyrenopsis* (? *Corbicula*) cf. *C. meeki* Eth. fil.

35 ? *Fissilonula* aff. *F. clarki* Etheridge fil.

36 *Palaeomaera* sp. ind.

GASTROPODA

37 *Vanikaropsis stuarti* Etheridge fil.

38 *Cinulia* cf. *C. hochstetteri* (Moore)

39 *Ditremaria cretacea* Etheridge fil.

AMMONOIDEA

40 *Falciferella* n.s.p. A (*Aconeceras*idae) - regular sigmoidal fine striae & ribs.

41 *Falciferella* n.s.p. B - body chamber smooth; dorsolateral ribs on midgrowth.

42 *Falciferella* sp. juv. ind. (probably n.s.p. A)

43 *Labeceras* sp. juv. ind.

44 *Aletoceras* sp. ind.

BELEMNOIDEA

45 *Dimitobelus* sp.

46 *Tetrabelus* sp.

47 *Peratobelus* sp.

48 nov. gen. aff. *Tetrabelus* - with groups of lateral lines each side

VERTEBRATA

49 Fish scales.

TENTATIVE AGE RELATIONS →

