EXPLANATION OF PLATE XI.

PAGE

Fig. 1. CIDARIS ANTARCTICA Ortm. 51
Patagonian beds; 30 miles north of upper Rio Chalia.
1*a*. Fragment of spine.
1*b*. Cross section of spine.
1*c*. View of articular surface of lower end of spine.
1*d*. Plate.

Fig. 2. HYPECHINUS PATAGONENSIS (d'Orb.). 52
Patagonian beds; Darwin Station, San Julian.
Upper view of the only specimen in the collection.

Fig. 3. TOXOPNEUSTES PRÆCURSOR Ortm. 53
Patagonian beds; Oven Point, San Julian.
3*a*. Upper view of a large specimen, slightly worn.
3*b*. Side view of another specimen, 2/1.

Fig. 4. SCUTELLA PATAGONENSIS Des. 55
Patagonian beds.
4*a*. "Alate form," adult, upper view; Salt Lake.
4*b*. "Alate form," young, lower view; Salt Lake.
4*c*. "Rotundate form," medium size, upper view; Oven Point, San Julian.
4*d*. "Rotundate form," adult, lower view; Upper Rio Chalia.
4*e*. "Rotundate form," young, lower view; Oven Point, San Julian.

Fig. 5. TEREBELLA MAGNA Ortm. 63
Patagonian beds; Oven Point, San Julian.
5*a*. Isolated tube (with remains of another one), side view.
5*b*. View of terminal opening.

Fig. 6. CELLARIA FISTULOSA (L.) 64
Patagonian beds; Shell Gap, Rio Chico.
6*a*. Fragment of a branch, showing achylosis on upper end.
6*b*. A number of zoœcia, enlarged.

All of the figures, unless otherwise stated, are natural size.

2

1

b

a

c

1

d

3a

3b

4c

4c

4a

4b

4d

5a

5b

6b

6a

F.v. Iterson del.

Werner & Winter, Frankfort a/M., lith.

TERTIARY INVERTEBRATES.

EXPLANATION OF PLATE XII.

PAGE

Fig. 1. CYRTOMA POSTHUMUM Ortm. 60
Patagonian beds ; Lake Pueyrredon, base.
1*a*. Upper view of an individual with complete outline, and well preserved anal depression.
1*b*. Upper view of a partly broken individual, with ambulacra better preserved.

Fig. 2. RETICULIPORA PATAGONICA Ortm. 68
Patagonian beds ; mouth of Santa Cruz River.
2*a*. View of zoarium.
2*b*. Front view of a few branches of zoarium, slightly enlarged.
2*c*. Side view of one of the branches, more strongly enlarged.

Fig. 3. RHYNCHONELLA PLICIGERA v. Ih. 70
Patagonian beds ; Lake Pueyrredon, base.
3*a*. Anterior view of an individual of average shape.
3*b*. Front view of the same.
3*c*. Anterior view of a more elongate and triangular individual.
3*d*. Anterior view of an unusually broad individual.

Fig. 4. RHYNCHONELLA SQUAMOSA Hutt. 72
Patagonian beds ; Lake Pueyrredon, base.
4*a*. Anterior view.
4*b*. Front view of the same individual.

FIG. 5. MAGELLANIA LENTICULARIS (Desh.). 73
Patagonian beds ; Lake Pueyrredon, base.
5*a*. Anterior view of a rather large individual.
5*b*. Side view of the same.
5*c*. Anterior view of a smaller individual.

All of the figures, unless otherwise stated, are natural size.

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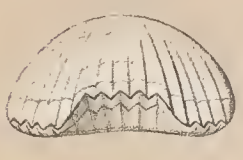

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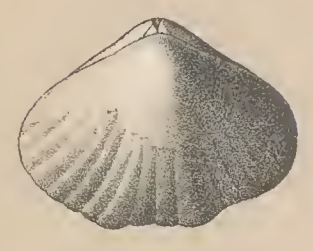

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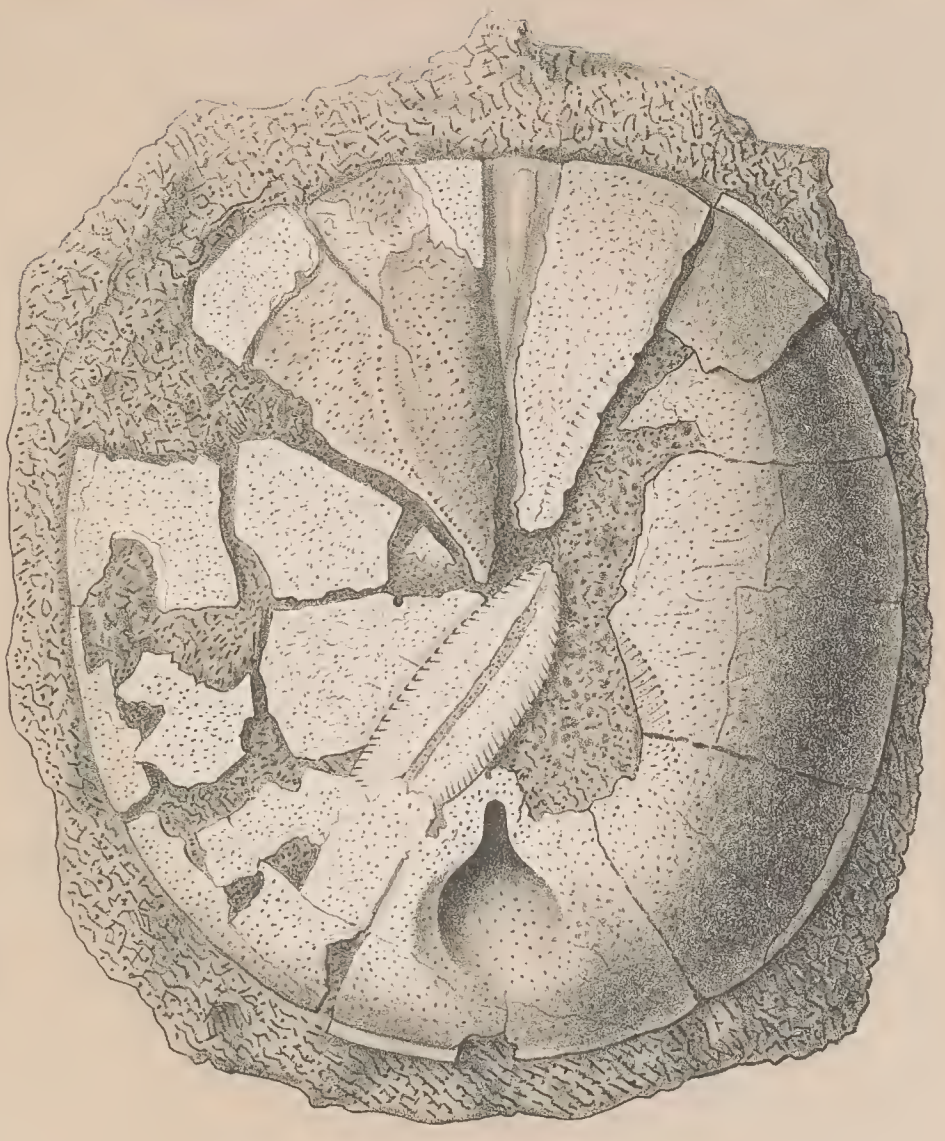

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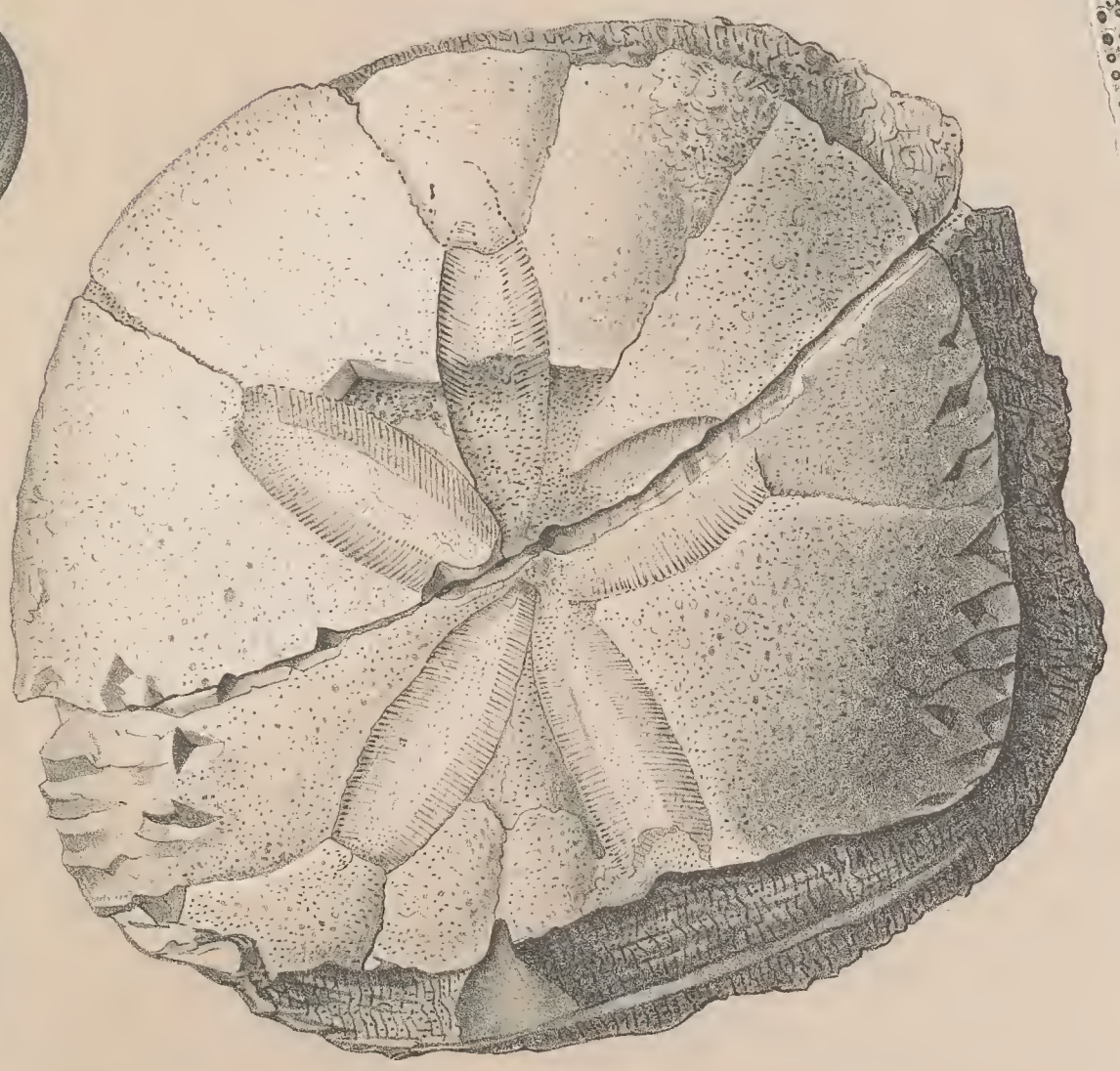

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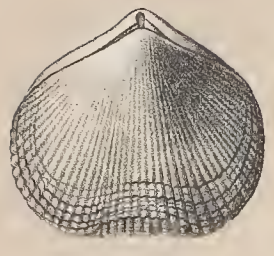

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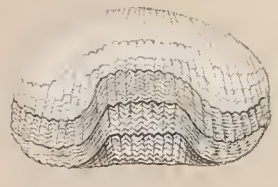

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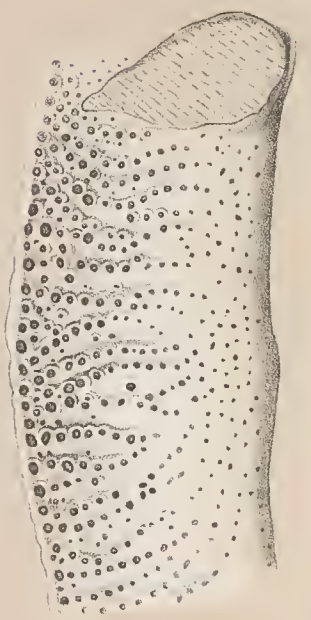

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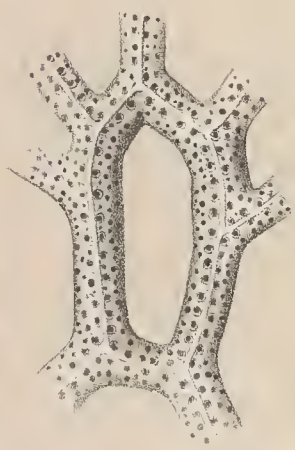

2a

F. v. Iterson del.

Werner & Winter, Frankfort a/M., lith.

TERTIARY INVERTEBRATES.

EXPLANATION OF PLATE XIII.

PAGE

Fig. 1. SCHIZASTER AMEGHINOI v. Ih. 62
Patagonian beds.
1*a*. Upper view of an almost complete cast; Mouth of Santa Cruz River.
1*b*. Upper view of fragment of shell, showing fasciole; Oven Point, San Julian.

Fig. 2. SERPULA PATAGONICA Ortm. 63
Patagonian beds; Oven Point, San Julian. Colony on a fragment of *Pecten*.

Fig. 3. MELICERITA TRIFORIS Ortm. 65
Patagonian beds; Upper Rio Chalia.
3*a*. Fragment of zoarium.
3*b*. Zoœcia, enlarged.

Fig. 4. ASPIDOSTOMA GIGANTEUM (Bsk.). 67
Patagonian beds; mouth of Santa Cruz River. Group of zoœcia, with oœcium, enlarged.

Fig. 5. TENNYSONIA SUBCYLINDRICA Ortm. 69
Patagonian beds; mouth of Santa Cruz River.
5*a*. Zoarium.
5*b*. Fragment of branch, showing zoœcia, etc., enlarged.

Fig. 6. HETEROPORA PELLICULATA Wat. 69
Patagonian beds; Oven Point, San Julian. Zoarium.

Fig. 7. TEREBRATELLA DORSATA (Gmel.). 74
Patagonian beds; Lake Pueyrredon, base.
7*a*. Anterior view of a large individual.
7*b*. Front view of the same.
7*c*. Anterior view of a smaller, oblique individual.
7*d*. Anterior view of an unusually elongate individual (transitional to *T. patagonica*).

Fig. 8. TEREBRATELLA PATAGONICA (Sow.). 75
Patagonian beds.
8*a*. Anterior view of elongate variety; Lake Pueyrredon, base.
8*b*. Anterior view of a very large individual of usual outline; Oven Point, San Julian.

Fig. 9. BOUCHARDIA ZITTELI v. Ih. 79
Patagonian beds: Lake Pueyrredon, base.
9*a*. Anterior view, natural size.
9*b*. The same, 2/1.

All of the figures, unless otherwise stated, are natural size.

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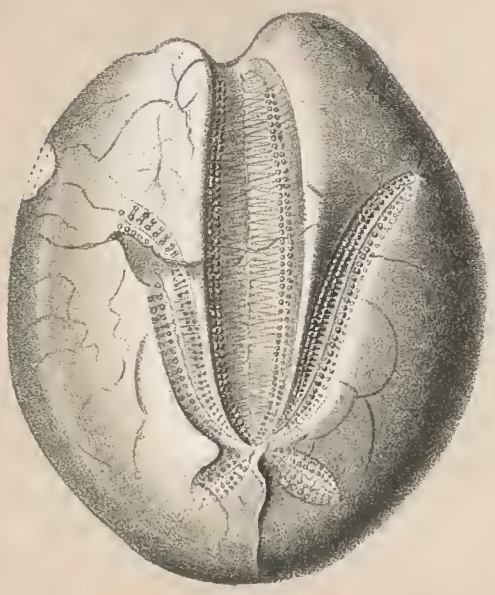

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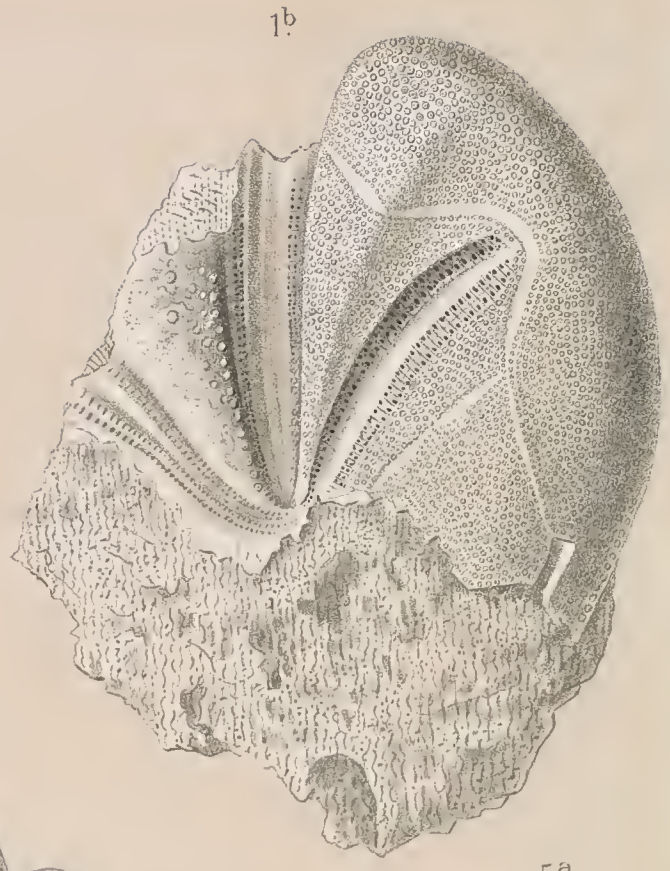

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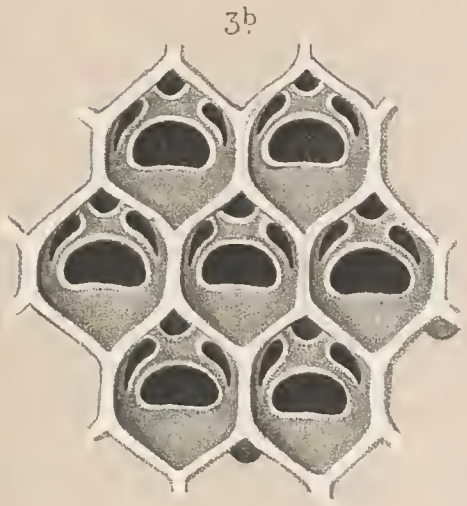

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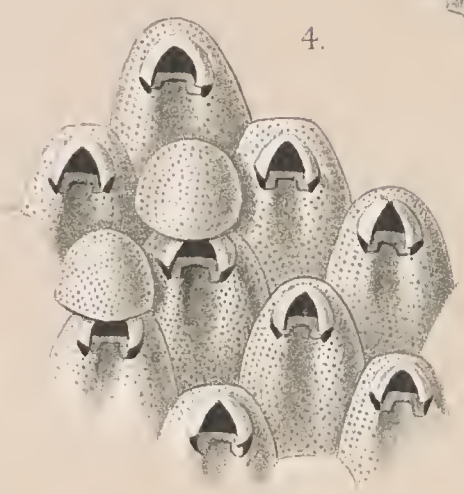

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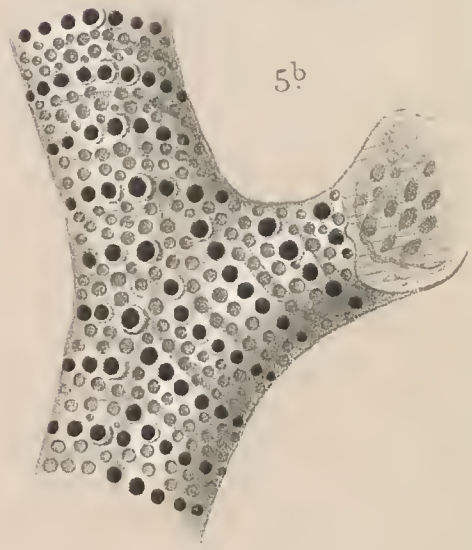

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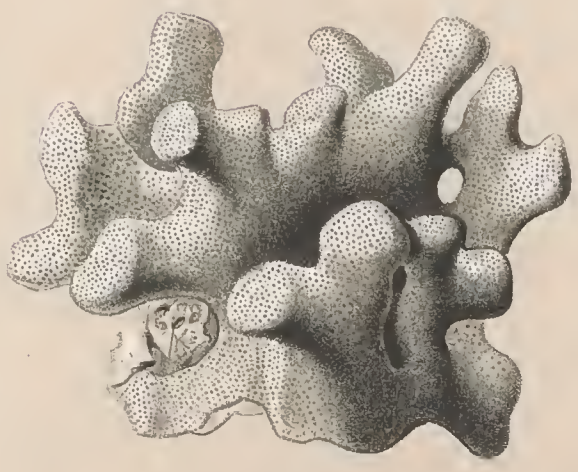

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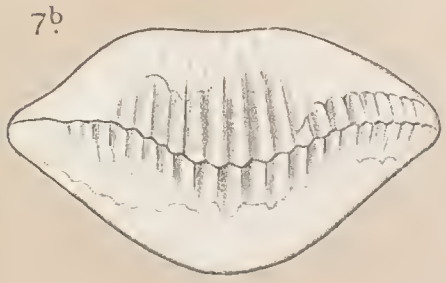

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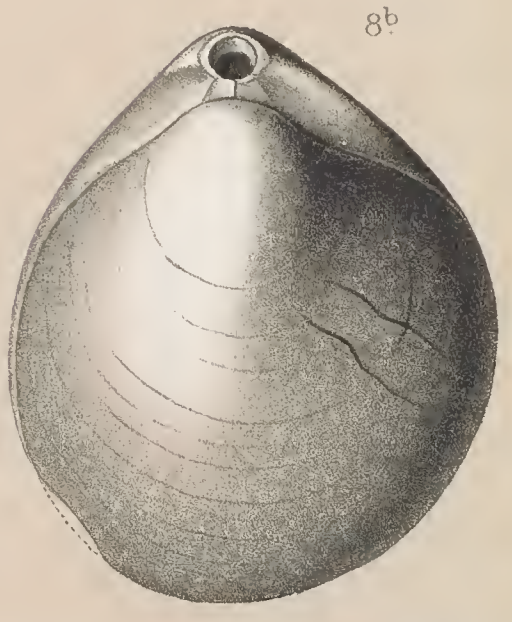
8b



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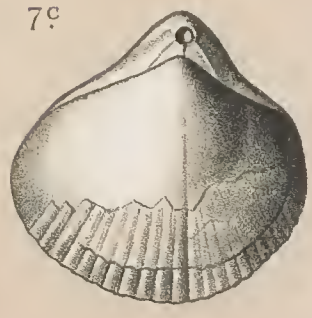

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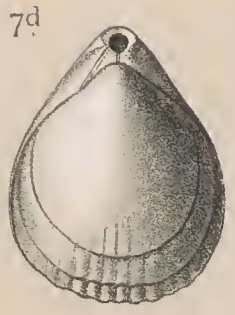

F.v.Iterson del.

Werner & Winter, Frankfort a/M., lith.