



documenta naturae
abhandlungen

Band 1 - Teil 2 - Tafelband

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Biostratigraphie und fazielle Entwicklung der Kreide
von Nordsomalia -
mit einem Beitrag zur geodynamischen Entwicklung des
östlichen Gondwana im Mesozoikum und
frühen Känozoikum**



**Peter
LUGER
†**



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biostratigraphy and facies development of the Cretaceous
of Northern Somalia -
including a contribution concerning the geodynamic
development of eastern Gondwana during the
Cretaceous to basal Paleocene**



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TAFELBAND



Landshut, 06. Dezember 2018

ISSN 2626-4161 (Print)
ISSN 2626-9864 (Online)

ISBN 978-3-947953-00-4 (Gesamtausgabe)
ISBN 978-3-947953-01-1 (Band 1 - Teil 1)
ISBN 978-3-947953-02-8 (Band 1 - Teil 2)

Die Zeitschrift "documenta naturae abhandlungen" ist die Fortsetzung der Sonderband-Reihe der "Zeitschrift Documenta naturae", begründet 1976 in Landshut.

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Printed edition released 06. Dezember 2018 / available online 06. Dezember 2018

Bestellungen & Vertrieb
über den Verlag und unter www.amh-geoshop.de

Herausgeber, Verlag & Herstellung
amh-Geo • Geowissenschaftlicher Dienst
Inhaber Dr. Alexander M. Heyng, Erling 5, D-84168 Aham bei Landshut
Tel.: +49 (0)171 8976551 E-Mail: heyng@amh-geo.de
www.amh-geo.de
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Für meine Mutter Christel Luger

Im Gedenken

an meinen Vater Erwin Luger

und

meine Großmutter Elionore Weißenborn,

**die beide während meines ersten Geländeaufenthaltes in
Nordsomalia 1988 verstarben;**

sowie für

meine Familie in Deutschland

in

Südafrika

und

Australien

Phototafeln

Foraminiferida 1- 27

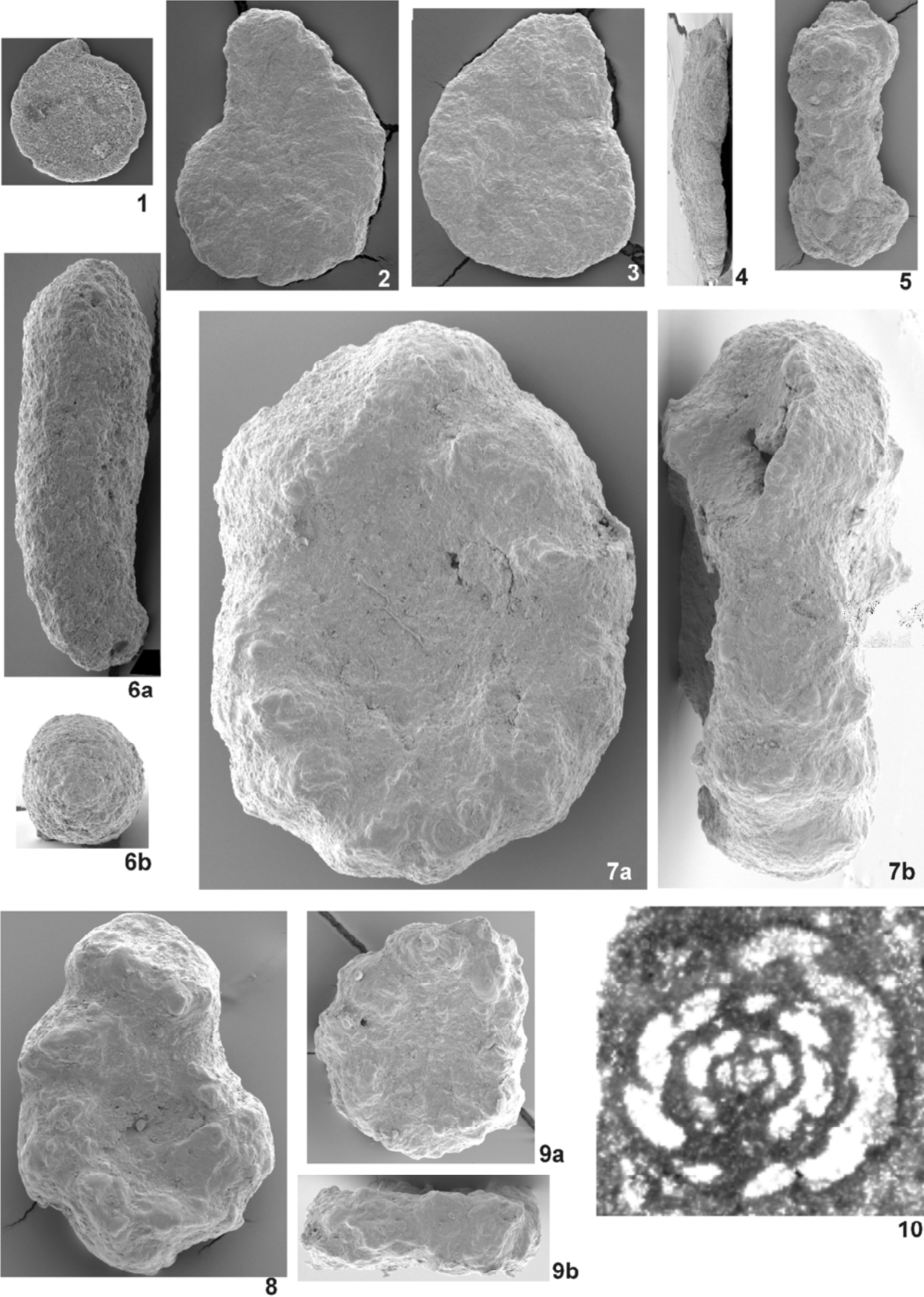
Ostracoda 28- 49

Tafel 1

Alle Objekte ca. 100x, Nordsomalia.

- Fig. 1: *Ammodiscus cretaceus* (REUSS, 1845) – Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
O. Nr. TUB-SFU 118, Spiralansicht.
- Fig. 2-4: *Haplophragmoides?* sp. - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
2: O. Nr. TUB-SFU 164, Spiralansicht. 3: O. Nr. TUB-SFU 155, ?Spiralansicht.
4: O. Nr. TUB-SFU 156, Lateralansicht.
- Fig. 5: *Ammobaculites subcretaceus* CUSHMAN und ALEXANDER, 1930 - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O. Nr. TUB-SFU 146, Spiralansicht.
- Fig. 6: *Ammobaculites?* sp. 3 - Profil Xabaal Garure, Probe XGa41, unteres Oberapt.
O. Nr. TUB-SFU 157, Spiralansicht.
- Fig. 7-9: *Sculptobaculites cf. goodlandensis* CUSHMAN und ALEXANDER, 1930 – Profil Dhadhabho, Probe Dha26, unteres Oberapt.
7: O. Nr. TUB-SFU 49, a: Spiralansicht, b: Lateralansicht. 8: O. Nr. TUB-SFU 51, Spiralansicht. 9: O. Nr. TUB-SFU 50, a: Spiralansicht, b: Lateralansicht.
- Fig. 10: *Charentia cuvillieri* NEUMANN, 1965 – Profil Biyo Kulule, Probe BKu10, oberstes Alb.
O. Nr. TUB-SFU BKu10/3/1, Äquatorialschnitt.

Tafel 1



Tafel 2

Alle Objekte ca. 50x, Nordsomalia.

Fig. 1: *Daxia* cf. *cenomana* CUVILLIER und SZAKALL, 1949 – Profil Manna'a, Probe Man53, oberes Alb.

O. Nr. TUB-SFU Man53/3/2, leicht schräger Äquatorialschnitt.

Fig. 2: *Ammobaculites* sp.1 – Profil Galgalo, Probe Gal11, unteres Paleozän.

O. Nr. TUB-SFO Gal11/1/1, leicht schräger Äquatorialschnitt.

Fig. 3-5: *Ammobaculites* sp. 2 – Profil Tisje, Campan.

3, 5: Probe Tis6, vermutlich megalosphärische Exemplare.

3: O. Nr. TUB-SFU Tis6/5/1, Äquatorialschnitt. 5: O. Nr. TUB-SFU Tis6/3/1, leicht schiefer Äquatorialschnitt.

4: Probe Tis4, O. Nr. TUB-SFO Tis4/4/3, vermutlich mikrosphärisches Exemplar.

Fig. 6: *Triplasia acuta* BARTENSTEIN und BRAND, 1951 – Profil Xabaal Garure, Probe XGa65, Alb.

O. Nr. TUB-SFU 161, a: Lateralansicht; b: Distalansicht.

Fig. 7: *Flabellamina alexanderi* CUSHMAN, 1928 – Profil Xabaal Garure, Probe XGa65, Alb.

O. Nr. TUB-SFU 159, a: Lateralansicht; b: Distalansicht.

Fig. 8-10: *Antalya korayi* FARINACCI und KÖYLÜOĞLU, 1985 – Maastricht.

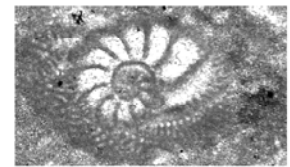
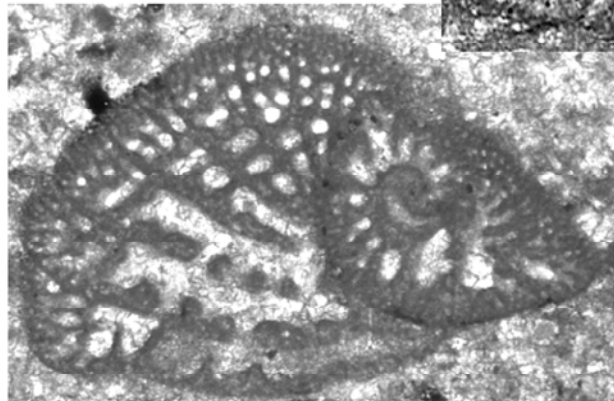
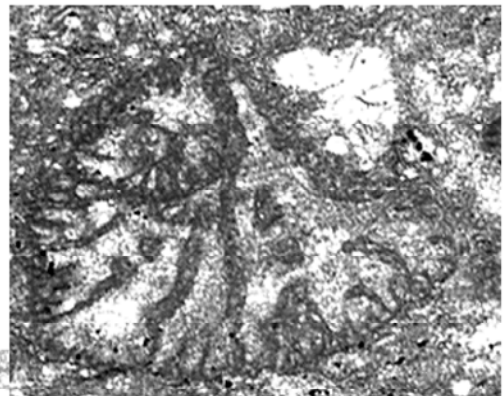
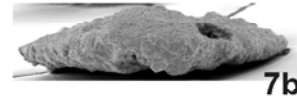
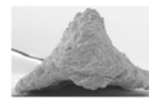
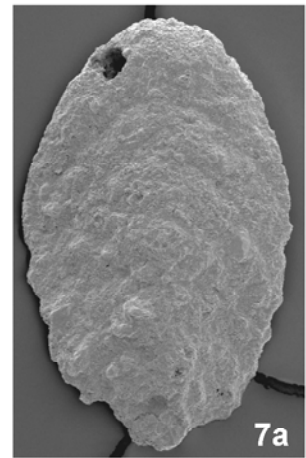
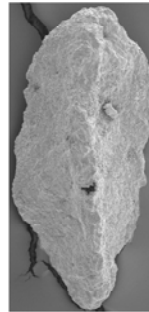
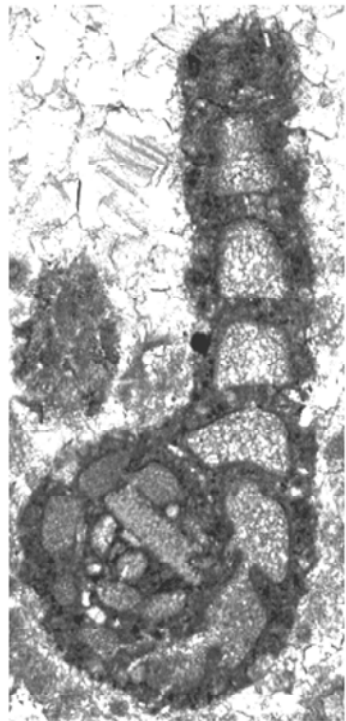
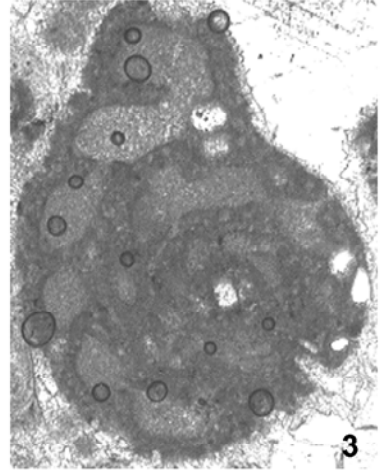
8, 10: Profil Tisje.

8: Probe Tis11, O. Nr. TUB-SFO Tis11/5/1, adultes Exemplar.

10: Probe Tis15, O. Nr. TUB-SFU Tis15/5/1, Juvenarium.

9: Profil Galgalo, Probe Gal8, O. Nr. TUB-SFO Gal8/2/1, adultes Exemplar.

Tafel F-2

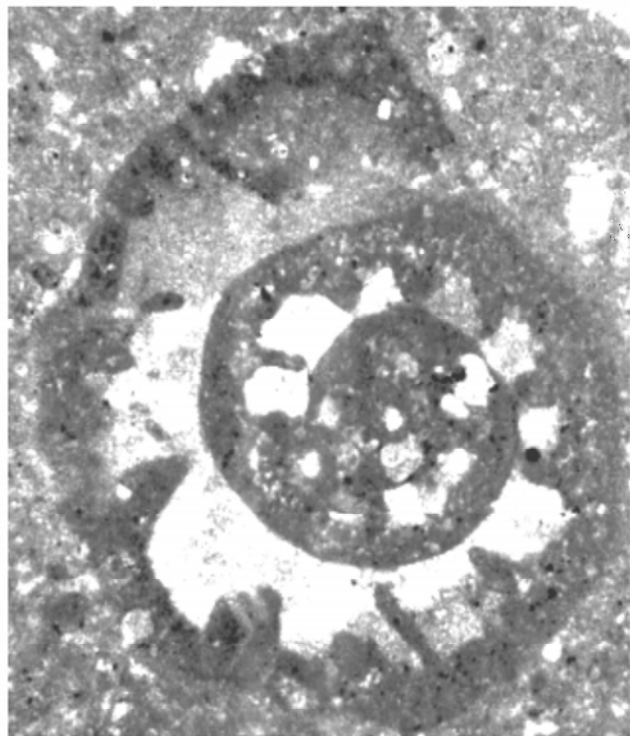
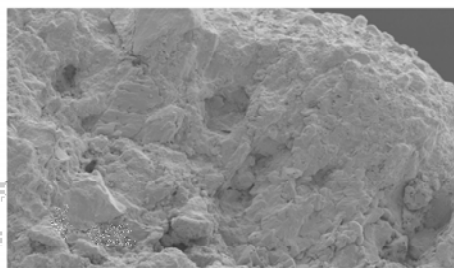
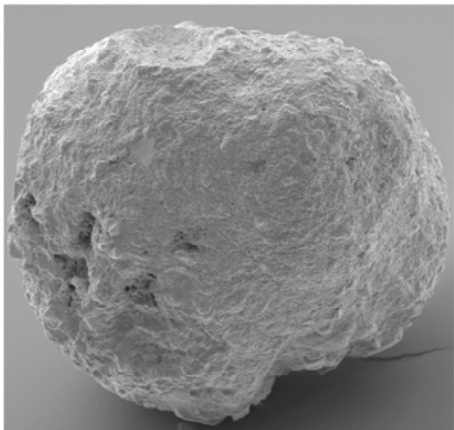
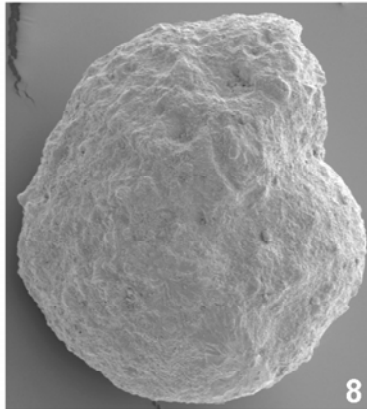
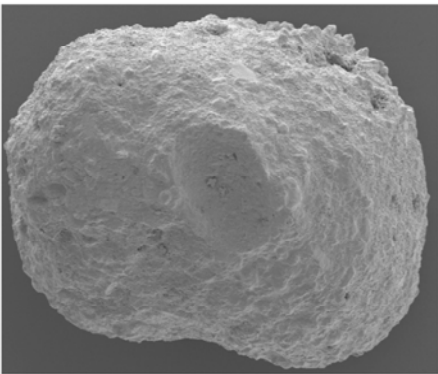
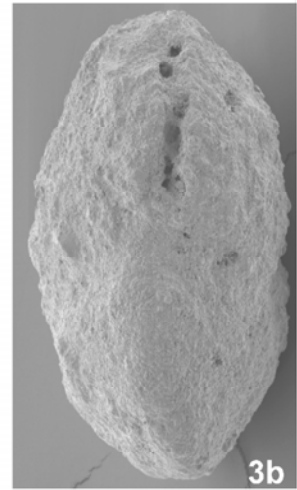
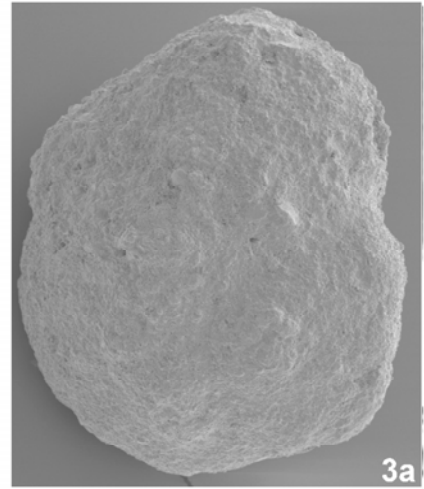
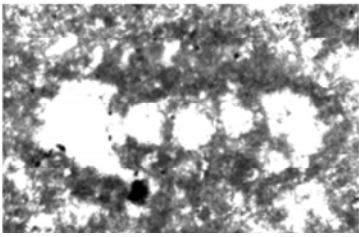
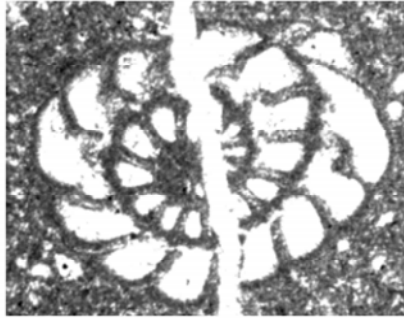
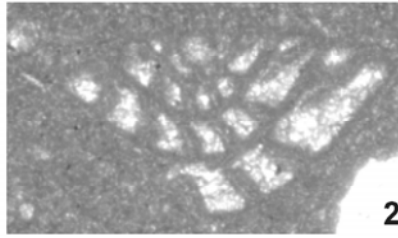
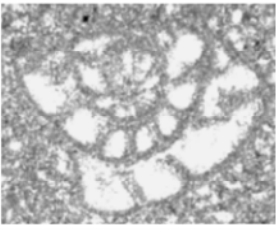


Tafel 3

Fig. 1-9, 11 ca. 60x, Nordsomalia.

- Fig. 1, 2, 4, 5: *Nezzazata simplex* OMARA, 1956 – Profil Biyo Kulule, Probe BKu1, oberes Alb.
 1: O. Nr. TUB-SFU BKu1/2/3, schiefer Axialschnitt. 2: O. Nr. TUB-SFU BKu1/3/1, Axialschnitt. 4: O. Nr. TUB-SFU BKu1/3/5, Axialschnitt. 5: O. Nr. TUB-SFU BKu1/3/3 Äquatorialschnitt.
- Fig. 3, 6, 8: *Charentia cuvillieri* NEUMANN, 1965 – Alb.
 3, 8: Profil Xabaal Garure, Probe XGa65.
 3: O. Nr. TUB-SFU 163, a: Lateralansicht; b: Ansicht auf Mündung (defekt). 8: O. Nr. TUB-SFU 162, Lateralansicht.
 6: Profil Togga Mareer, Probe TgM14, O. Nr. TUB-SFU TgM14/5/1, Axialschnitt.
- Fig. 7, 9, 10: *Buccicrenata hedbergi* (MAYNC, 1953) – Profil Xabaal Garure, Probe XGa65, Alb.
 7, 9: O. Nr. TUB-SFU 164; vermutlich megalospärische Formen. 7: „Spiralansicht“; 9: Lateralansicht. 10: O. Nr. TUB-SFU 165; Detail der Wandstruktur, ca. 500x.
- Fig. 11: *Hemicyclamma sigali* MAYNC, 1953 – Profil Togga Mareer, Probe TgM21, Alb.
 O. Nr. TUB-SFU TgM21/4/5, Äquatorialschnitt.

Tafel 3



Tafel 4

Fig. 1-11 ca. 30x, Fig. 12 ca. 10x, Nordsomalia.

Fig. 1-6: *Buccicrenata hedbergi* (MAYNC, 1953)

- 1, 2,: Profil Biyo Kulule, Probe BKu10, oberstes Alb. Mikrosphärische Formen(?).
 1: O. Nr. TUB-SFU BKu10/1/1 Axialschnitt. 2: O. Nr. TUB-SFU BKu10/6/1 schiefer Äquatorial-schnitt.
 3-6: megalosphärische Formen(?).
 3: Profil Xabaal Garure, Probe XGa93, mittleres Cenoman. O. Nr. TUB-SFU XGa93/1/1.
 4, 5: Profil Biyo Kulule, oberstes Alb.
 4: O. Nr. TUB-SFU BKu10/1/2. 5: O. Nr. TUB-SFU BKu10/2/1.
 6: Profil Manna'a, Probe Man9, unteres Apt. O. Nr. TUB-SFU Man9/1/1.

Fig. 7, 8: *Choffatella descipiens* SCHLUMBERGER, 1905 – Profil Dhadhabo, Probe Dha15, unteres Apt.

- 7: O. Nr. TUB-SFU Dha15/2/1 Äquatorialschnitt einer megalospärischen Form (daneben *Hensonella dinarica* (RADOICIC, 1959)). 8: O. Nr. TUB-SFU Dha15/3/1 Äquatorialschnitt einer mikrosphärischen Form.

Fig. 9: *Loftusia coxi* HENSON, 1948. – Profil Tisje, Probe Tis9, Maastricht.

- O. Nr. TUB-SFO Tis9/1/1, Äquatorialschnitt einer megalosphärischen Form..

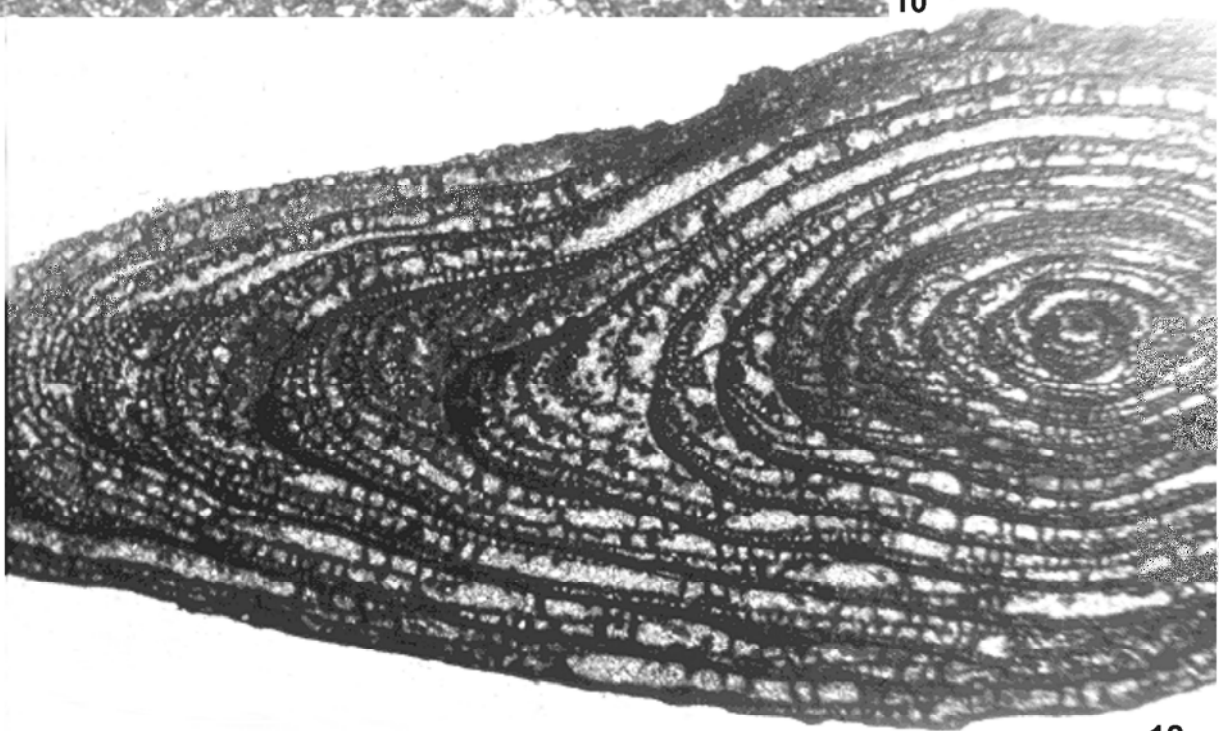
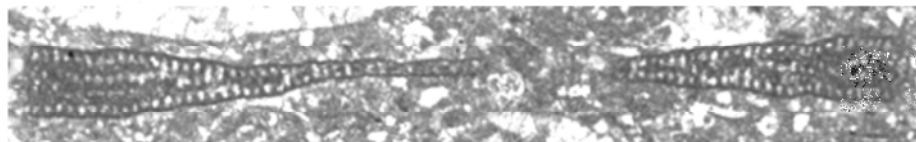
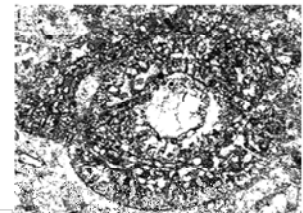
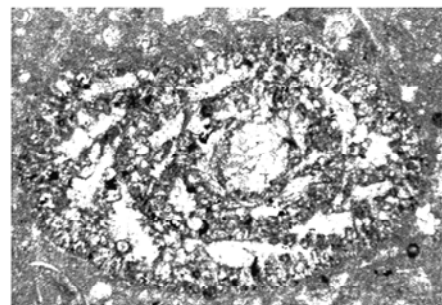
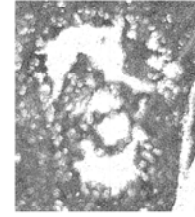
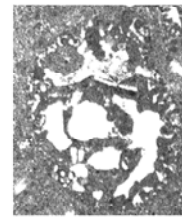
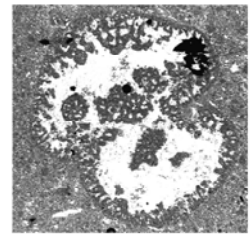
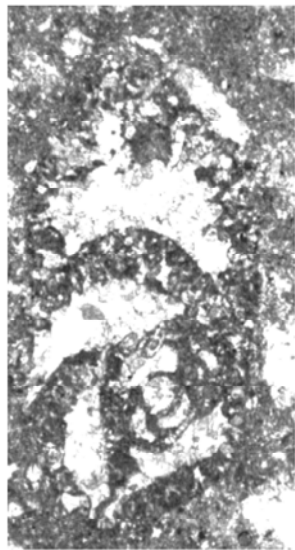
Fig. 10: *Saudia* sp. – Profil Galgalo, Probe Gal8, Maastricht.

- O. Nr. TUB-SFO Gal8/6/1, Axialschnitt.

Fig. 11, 12: *Loftusia elongata* COX, 1937 – Maastricht.

- 11: Profil Tisje, Probe Tis14. O. Nr. TUB-SFO Tis14/1/1, Äquatorialschnitt einer megalosphärischen Form.
 12: Profil Biyo Kulule, Probe BKu17, O. Nr. TUB-SFO BKu17/1; Ausschnitt eines Axialschnitts eines isolierten mikrosphärischen Exemplars.

Tafel 4

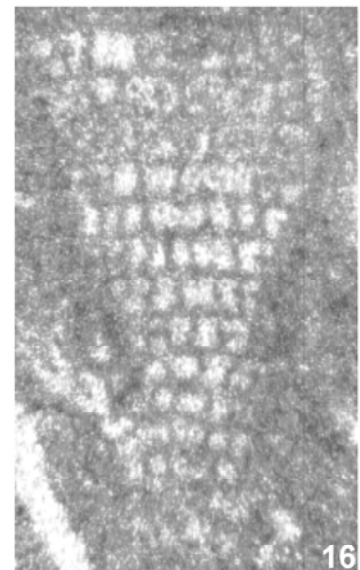
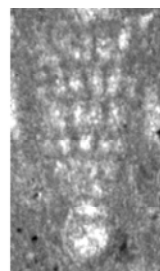
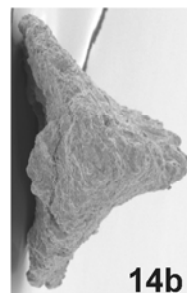
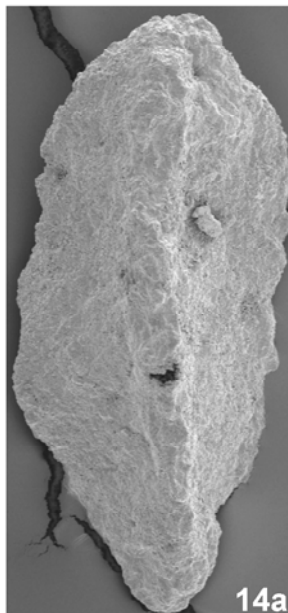
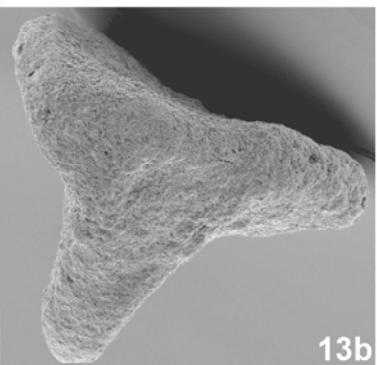
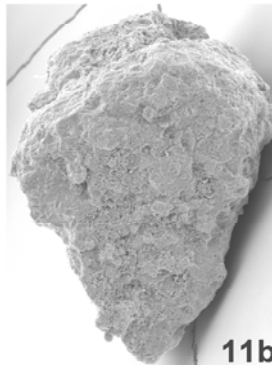
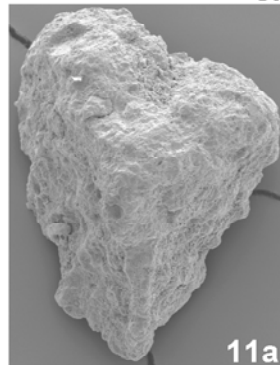
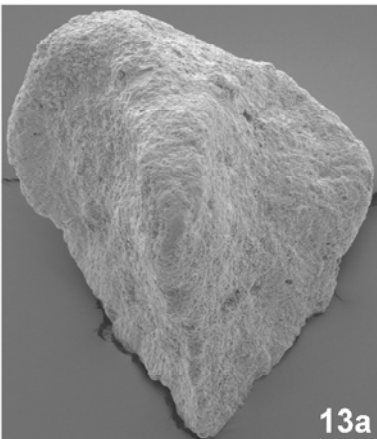
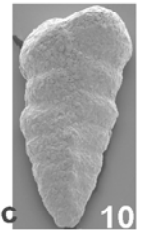
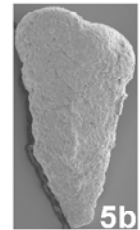
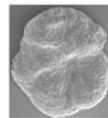
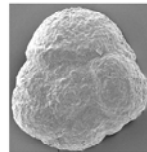
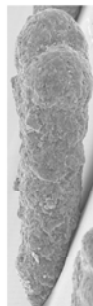
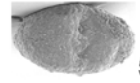
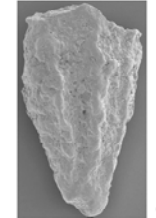
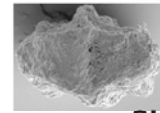
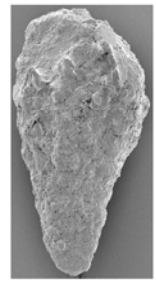
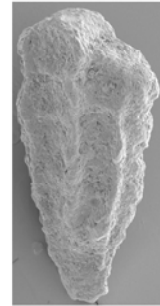
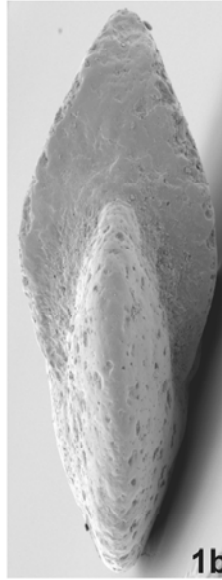
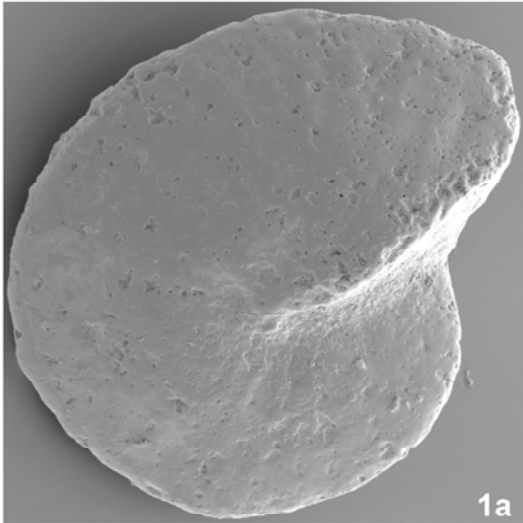


Tafel 5

Fig 1 ca. 60x, Fig. 2-16 ca. 100x, Nordsomalia.

- Fig. 1: *Choffatella* sp. – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
O. Nr. TUB-SFU 47; a: Spiralansicht; b: Axialansicht.
- Fig. 2-4: *Heterantyx garurensis* n.sp. – Unterer Oberapt.
2, 3: Profil Xabaal Garure.
2: Probe XGa36. Holotyp. O. Nr. TUB-SFU 110 a: Lateralansicht; b: Distalansicht. 3: Probe XGa33. O. Nr. TUB-SFU 109, Lateralansicht.
4: Profil Dhadhabo, Probe Dha 26. O. Nr. TUB-SFU 79, Lateralansicht eines distal beschädigten Exemplars.
- Fig. 5, 10: *Quasispiroplectamina* cf. *nuda* (LALICKER, 1935) – Profil Xabaal Garure, Probe XGa37, unterer Oberapt.
5: O. Nr. TUB-SFU 123; a: Distalansicht; b: Lateralansicht auf biseriales Wachstumsstadium; c: Lateralansicht. 10: O. Nr. TUB-SFU 122, Lateralansicht auf biseriales Wachstumsstadium.
- Fig. 6, 7: *Textulariopsis?* sp. – Profil Xabaal Garure, Probe XGa37, unterer Oberapt.
6: O. Nr. TUB-SFU 120, Lateralansicht auf biseriales Wachstumsstadium. 7: O. Nr. TUB-SFU 121; a: Lateralansicht auf biseriales Wachstumsstadium; b: Lateralansicht.
- Fig. 8, 9: *Trochammina depressa* LOZO, 1944 – Profil Xabaal Garure, Probe XGa40, unterer Oberapt.
8: O. Nr. TUB-SFU 1; a: spiral; b: lateral. 9: O. Nr. TUB-SFU 2, umbilikal.
- Fig. 11: *Tritaxia* sp. – Profil Tisje, Probe Tis11, Maastricht.
O. Nr. TUB-SFO 104, Lateralansicht.
- Fig. 12: *Tritaxia?* sp. – Profil Tisje, Probe Tis37, unterer Paleozän.
O. Nr. TUB-SFO 50; Lateralansicht eines mäßig verdrückten Exemplars.
- Fig. 13: *Tritaxia tricarinata* (REUSS, 1845) – Profil Xabaal Garure, Probe XGa41, unterer Oberapt.
O. Nr. TUB-SFU 158; a: Lateralansicht; b: Distalansicht.
- Fig. 14: *Triplasia acuta* BARTENSTEIN und BRAND, 1951 – Profil Xabaal Garure, Probe XGa65, Alb.
O. Nr. TUB-SFU 161, a: Lateralansicht; b: Distalansicht.
- Fig. 15, 16: *Vercorsella* cf. *arenata* ARNAUD-VANNEAU, 1980 – Profil Manna'a, Apt.
15: Probe Man19. O. Nr. TUB-SFU Man19/1/1, unterer Oberapt. Axialschnitt einer megalosphä-rischen Form.
16: Probe Man7. O. Nr. TUB-SFU Man7/1/1, unterer Apt. Exzentrischer Axialschnitt.

Tafel 5



Tafel 6

Fig 1 - 19, 21 ca. 30x, Fig. 20 ca. 25x, Nordsomalia.

Fig. 1, 2, 5: *Cuneolina pavonia* D'ORBIGNY, 1846 – Oberes Alb.

- 1: Profil Manna'a, Probe Man59. O. Nr. TUB-SFU Man59/2/2. 2, 5: Profil Biyo Kulule.
2: Probe BKu9. O. Nr. TUB-SFU BKu11/2/1.
5: Probe BKu10. O. Nr. TUB-SFU BKu10/3/2.

Fig. 3, 4, 6: *Dictyoconus* sp.1 – Profil Tisje, Maastricht.

- 3, 4: Probe Tis11. Axialschnitte megalosphärischer Formen. 3: O. Nr. TUB-SFO Tis11/2/4. 4: O. Nr. TUB-SFO Tis11/3/2.
6: Probe Tis 15. Marginaler Axialschnitt. O. Nr. TUB-SFO Tis15/3/2.

Fig. 7, 8: *Dictyoconus?* sp. 2 – Maastricht.

- 7: Profil Galgalo, Probe Gal1. O. Nr. TUB-SFO Gal1/3/1, Axialschnitt einer megalosphärischen Form.
8: Profil Tisje, Probe Tis 14, O. Nr. TUB-SFO Tis14/2/3, marginaler Axialschnitt eines Juvenariums.

Fig. 9-18: *Heterocoskinolina saintmarci* n.sp.. – Profil Manna'a.

- 9, 10, 14: Probe Man59. Tiefes unteres Cenoman.
9: Holotyp. O. Nr. TUB-SFU Man59/3/1, Axialschnitt mit Embryonalapparat. 10: O. Nr. TUB-SFU Man59/3/2, Axialschnitt.
11, 12, 16: Probe Man55. Oberstes Alb
11: O. Nr. TUB-SFU Man55/3/9, Axialschnitt. 12: O. Nr. TUB-SFU Man55/2/1, marginaler, leicht schiefer Axialschnitt. 16: O. Nr. TUB-SFU Man55/1/3, marginaler, leicht schiefer Axialschnitt.
13-15, 17, 18: Probe Man57. Basales Cenoman.
13: O. Nr. TUB-SFU Man57/2/1, Axialschnitt. 14: O. Nr. TUB-SFU Man57/1/3 Äquatorial-schnitt. 15: O. Nr. TUB-SFU Man57/1/1, Axialschnitt eines prä-adulten Exemplars. 17: O. Nr. TUB-SFU Man57/2/2, schiefer Äquatorialschnitt. 18: O. Nr. TUB-SFU Man57/2/1, Axialschnitt.

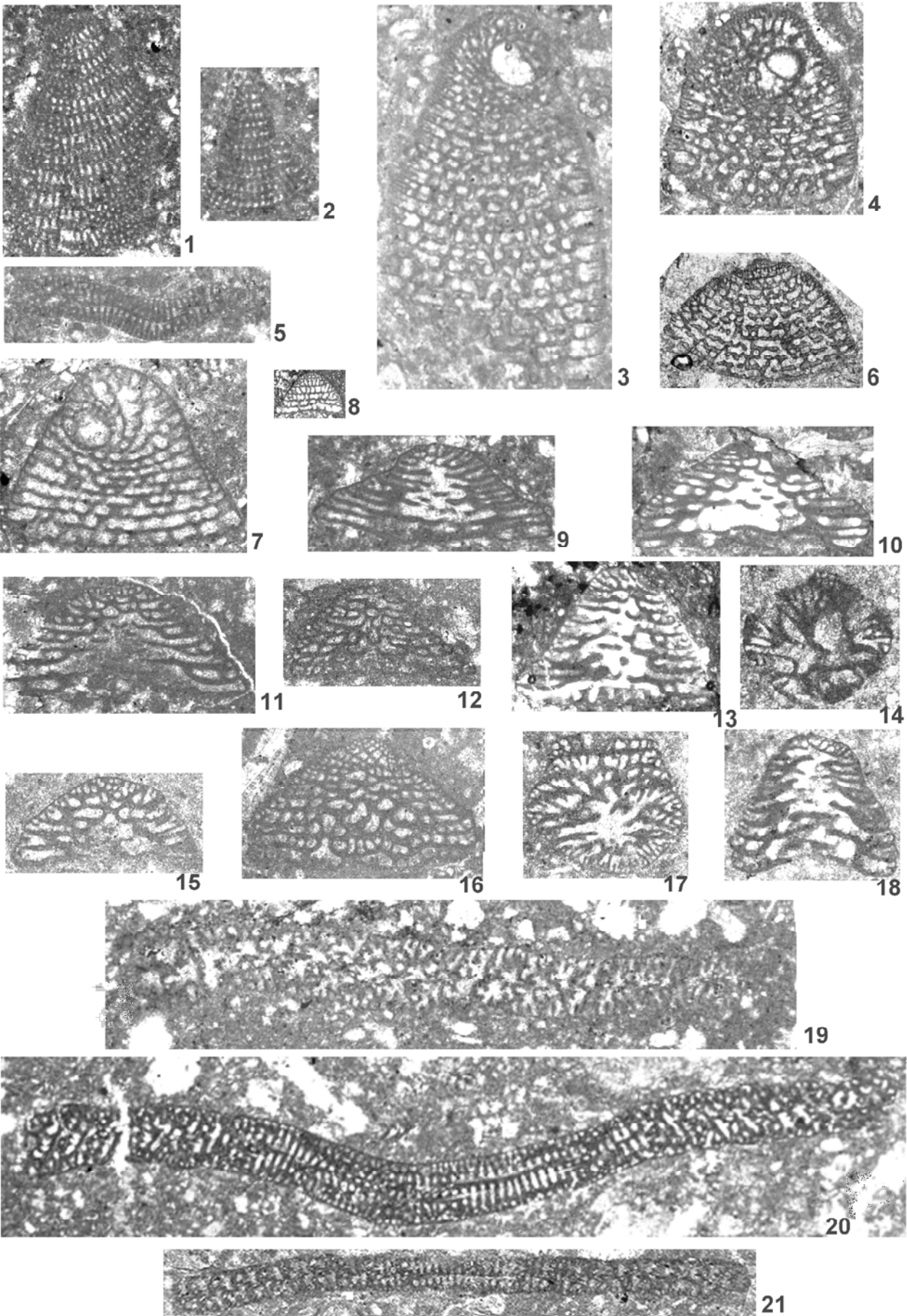
Fig. 19, 20: *Dicyclina* sp. – Profil Manna'a, oberstes Alb.

- 19: Probe Man55. O. Nr. TUB-SFU Man55/2/7.
20: Probe Man57. O. Nr. TUB-SFU Man57/4/3.

Fig. 21: „*Dicyclina*“? sp. – Profil Tisje, Probe Tis11, Maastricht.

- O.Nr. TUB-SFO Tis11/3/3.

Tafel 6

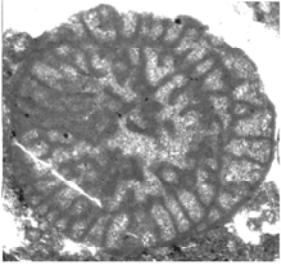


Tafel 7

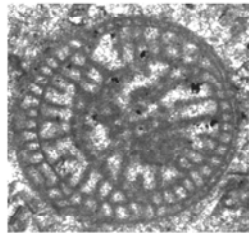
Alle Objekte ca. 30x, Nordsomalia.

- Fig. 1-3: *Gyroconulina columellifera* SCHROEDER und DARMORIAN, 1977 – Profil Tisje, Maastricht.
 1:-3: Leicht schiefe Äquatorialschnitte. 1: Probe Tis14. O.Nr. TUB-SFO Tis14/3/6.
 2, 3: Probe Tis15. 2: O.Nr. TUB-SFO Tis15/4/1. 3: O.Nr. TUB-SFO Tis15/5/2.
- Fig. 4, 5: *Orbiqia drasensis* MAMGAIN und RAO, 1962 – Profil Xabaal Garure, Probe XGa 29, oberstes unteres Apt.
 4, 5: Leicht schiefe Axialschnitte mit Proloculus. 4: O. Nr. TUB-SFU XGA29/4/1. 5: O. Nr. TUB-SFU XGa29/4/2.
- Fig. 6-9: *Pseudorbitolina schroederi* n.sp. – Maastricht.
 6-9: Axialschnitte.
 6: Profil Galgalo, Probe Gal8. O.Nr. TUB-SFO Gal8/4/1.
 7-9: Profil Tisje.
 7, 9: Probe Tis12. 7: Holotyp, O.Nr. TUB-SFO Tis12/1/2 (ca. 27x). 9: O.Nr. TUB-SFO Tis12/1/1.
 8: Probe Tis18. O.Nr. TUB-SFO Tis18/2/2.
- Fig. 10-14: *Orbitolina sefini* HENSON, 1948
 10, 11, 14: Profil Togga Mareer, oberes Alb. Probe TgM21. 10: O. Nr. TUB-SFU TgM21/2/1, Axialschnitt. 11: O. Nr. TUB-SFU TgM21/3/4, Axialschnitt. 14: O. Nr. TUB-SFU TgM21/4/4, schiefer sub-Äquatorialschnitt mit Embryonalapparat.
 12, 13: Profil Biyo Kulule, oberstes Alb.
 12: Probe Bku1. O. Nr. TUB-SFU BKu1/2/4, schiefer, etwas exzentrischer Axialschnitt.
 13: Probe BKu3. O. Nr. TUB-SFU BKu3/4/1, Axialschnitt.

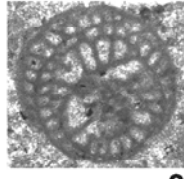
Tafel 7



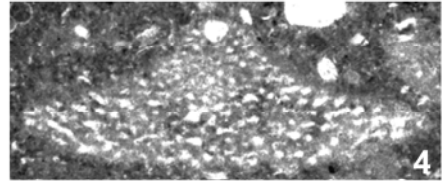
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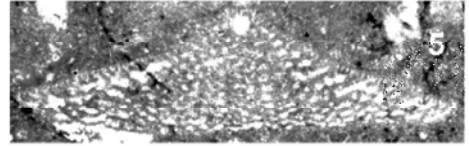
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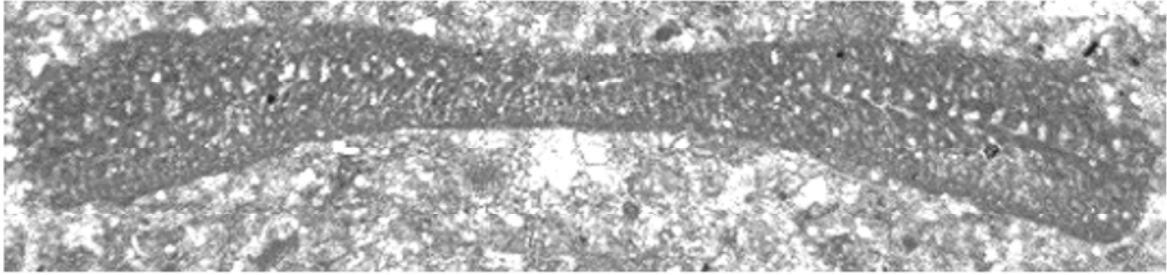
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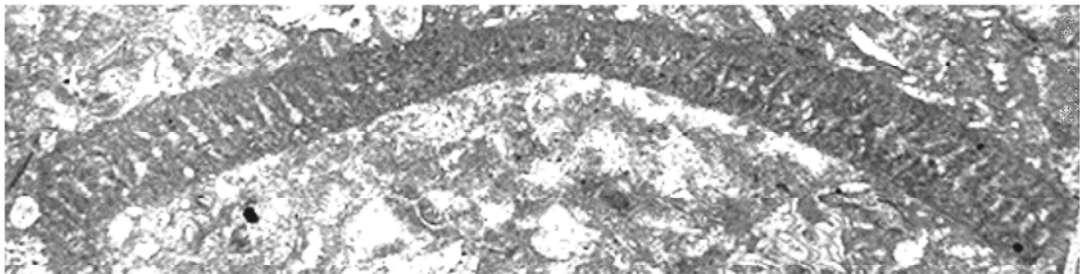
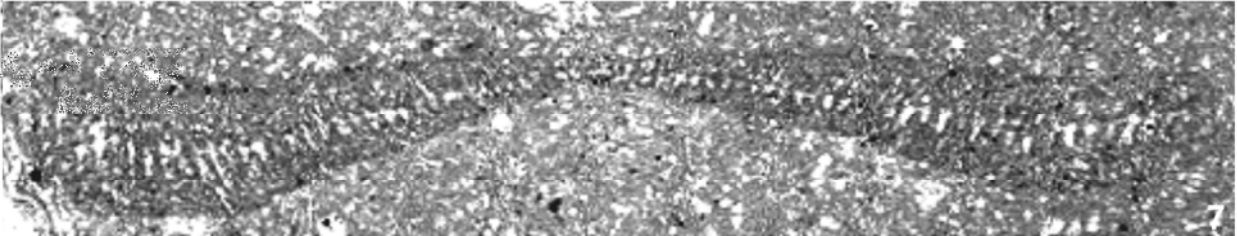
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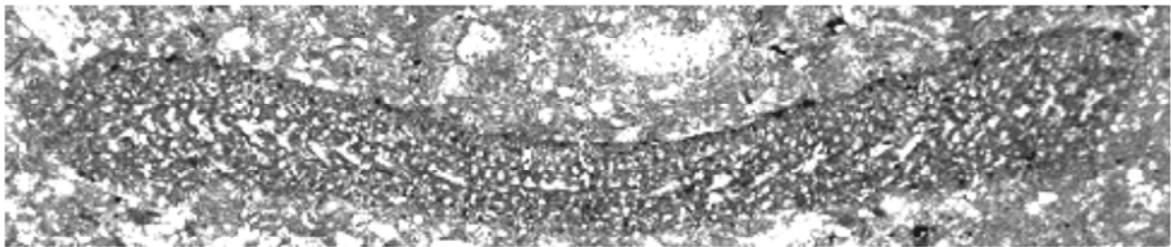
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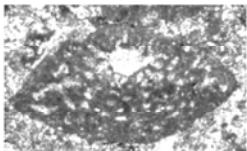
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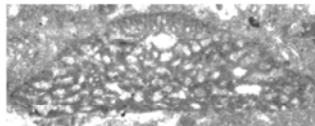
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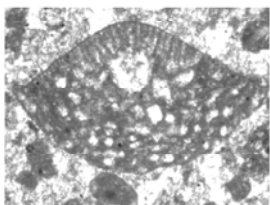
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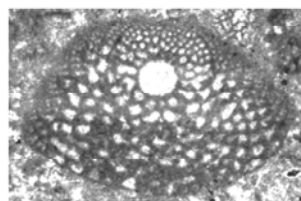
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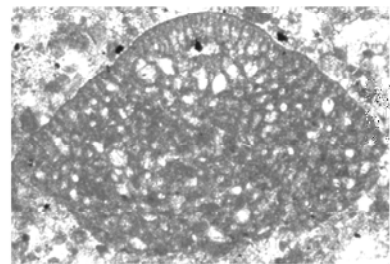
11



13



14



12

Tafel 8

Alle Objekte ca. 30x, Nordsomalia.

Fig. 1-3, 5: *Orbitolina sefini* HENSON, 1948 - Oberstes Alb.

1-3: Profil Xabaal Garure.

1: Probe XGa85, O. Nr. TUB-SFU XGa85/1/1, Axialschnitt.

2: Probe XGa77, O. Nr. TUB-SFU XGa77/3/1, Axialschnitt.

3: Probe XGa81, O. Nr. TUB-SFU XGa81/2/1, Axialschnitt.

5: Profil Biyo Kulule, Probe BKu5, O. Nr. TUB-SFU BKu5/3/2.

Fig. 4, 6-10: *Orbitolina ex interc. sefini/qatarica* - Oberstes Alb.

4, 9: Profil Biyo Kulule.

4: Probe BKu4, O. Nr. TUB-SFU BKu4/5/2, Axialschnitt durch isolierten Embryonalapparat.

9: Probe BKu3, O. Nr. TUB-SFU BKu3/3/1, Axialschnitt durch zwei umbilikal miteinander verwachsene Exemplare.

6: Profil Togga Mareer, Probe TgM25, O. Nr. TUB-SFU TgM25/3/1, angeschrägter Axialschnitt.

7, 8: Profil Xabaal Garure.

7: Probe XGa83, O. Nr. TUB-SFU XGa83/1/1, Axialschnitt durch isolierten, leicht nekrotischem Embryonalapparat.

8: Probe XGa81, O. Nr. TUB-SFU XGa81/1/2, Axialschnitt.

10: Profil Manna'a, Probe Man46, O. Nr. TUB-SFU Man46/3/1, Axialschnitt.

Fig. 11-14: *Orbitolina qatarica* HENSON, 1948 – Profil Xabaal Garure, unteres Cenoman.

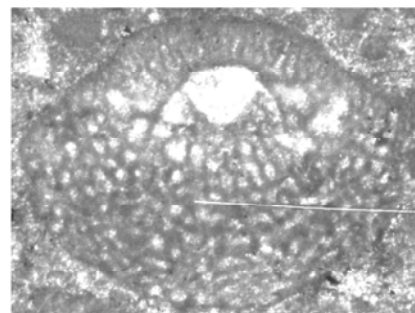
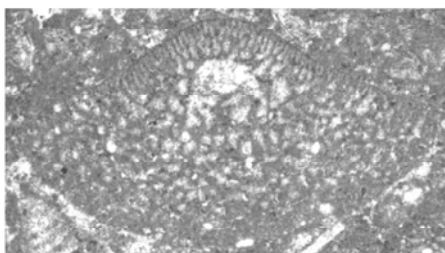
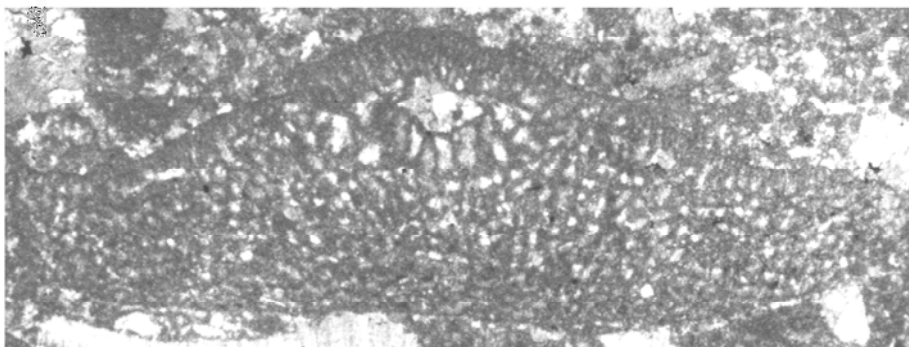
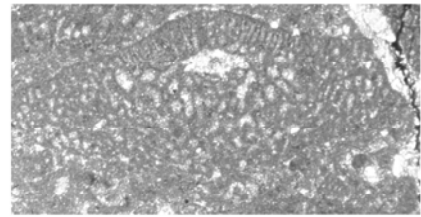
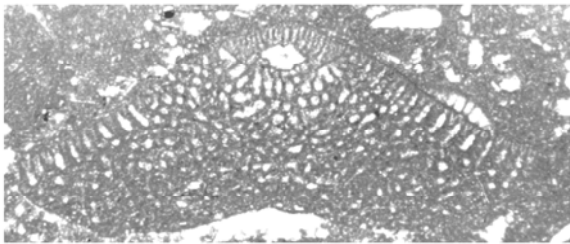
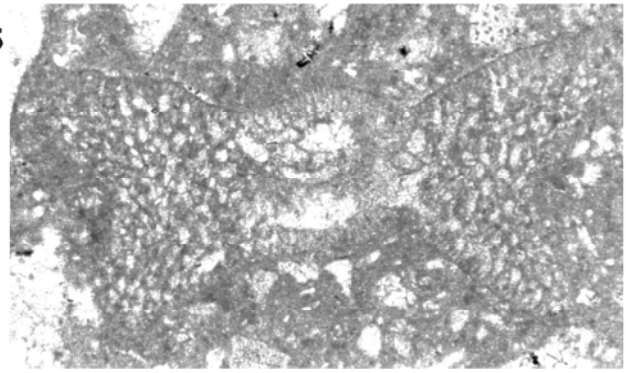
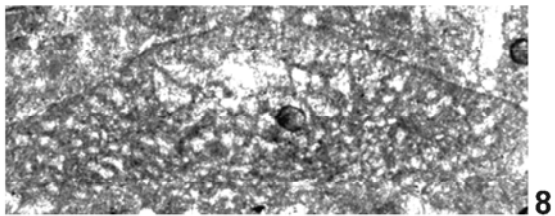
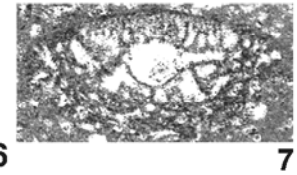
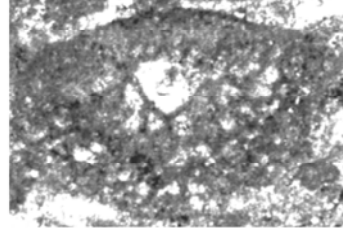
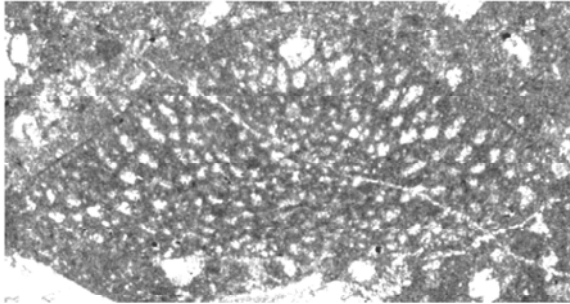
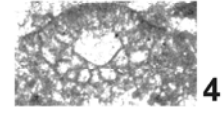
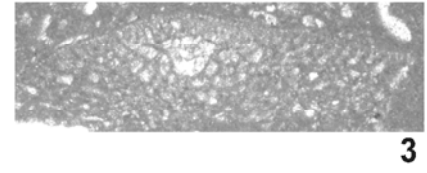
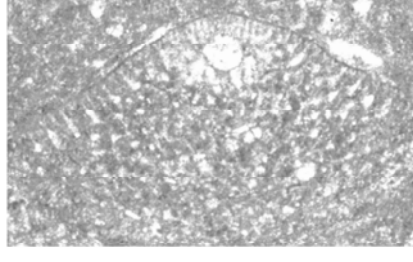
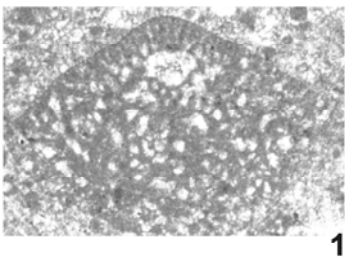
11, 13: Probe XGa86. 11: O. Nr. TUB-SFU XGa86/2/1, angeschrägter Axialschnitt.

13: O. Nr. TUB-SFU XGa86/3/1, Axialschnitt.

12: Probe XGa87, Lectotyp, O. Nr. TUB-SFU XGa87/1/1, Axialschnitt.

14: Probe XGa89, O. Nr. TUB-SFU XGa89/1/2, angeschrägter Axialschnitt.

Tafel 8



Tafel 9

Alle Objekte ca. 30x, Nordsomalia.

Fig. 1-5: *Orbitolina qatarica* HENSON, 1948 – Unteres Cenoman.

1-4: Profil Xabaal Garure.

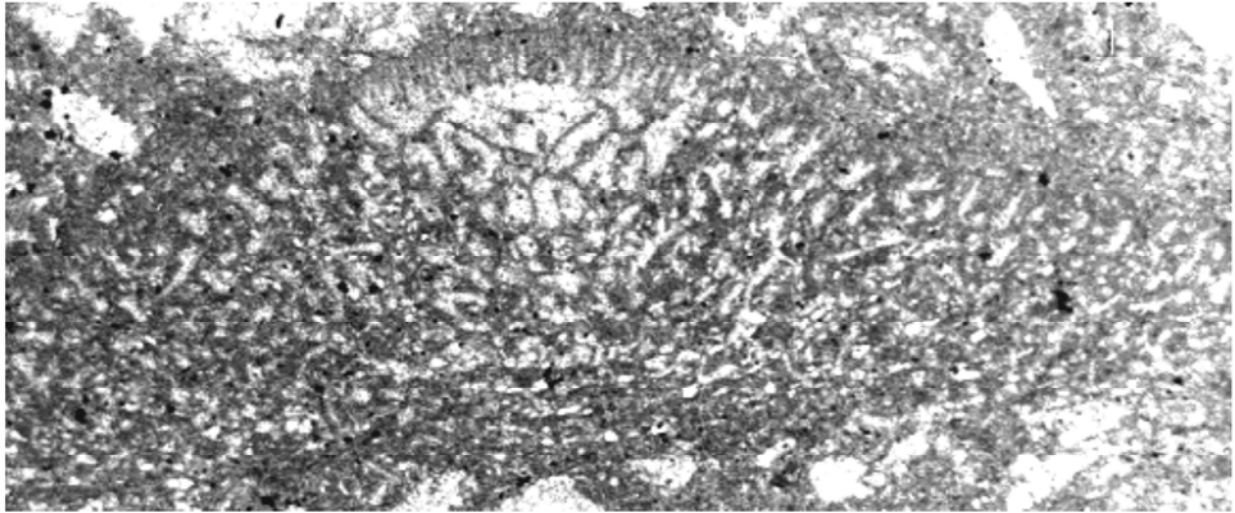
1: Probe XGa90. O. Nr. TUB-SFU XGa90/1/1, Axialschnitt.

2, 3: Probe XGa86. 2: O. Nr. TUB-SFU XGa86/2/1, schiefer Äquatorialschnitt mit Embryonalapparat. 3: O. Nr. TUB-SFU XGa86/1/2, Axialschnitt.

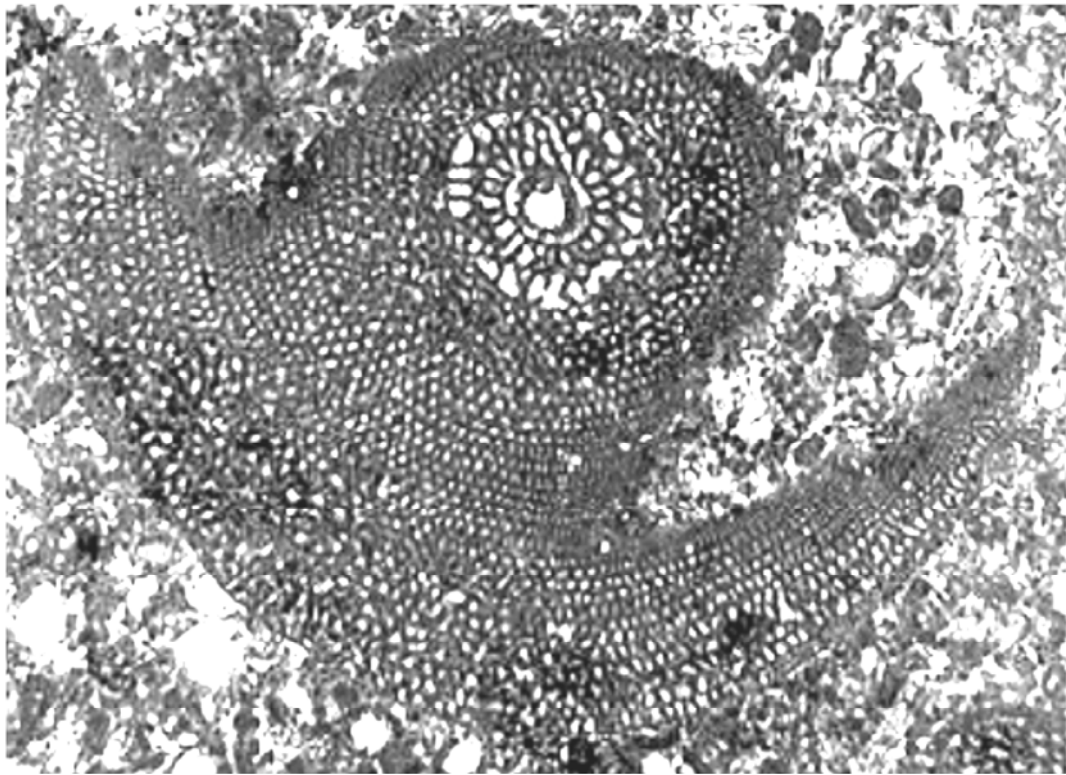
4: Probe XGa89. O. Nr. TUB-SFU XGa89/1/1, Axialschnitt.

5: Profil Manna'a, Probe Man61. O. Nr. TUB-SFU Man61/1/3, Axialschnitt.

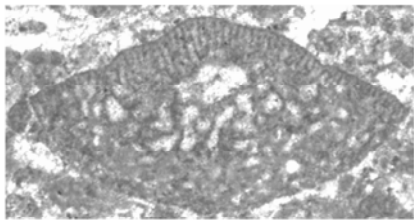
Tafel 9



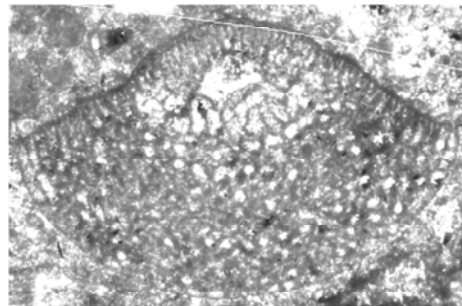
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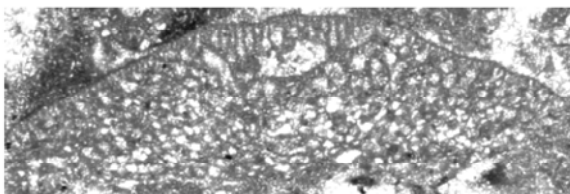
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3



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5

Tafel 10

Fig. 1 ca. 20x, Fig. 2-10 ca. 30x, Nordsomalia.

Fig. 1-6: *Conicorbitolina corbarica* SCHROEDER, 1985

1, 2, 5: Profil Togga Mareer.

1, 2: Probe TgM21, oberes Alb.

1: O. Nr. TUB-SFU TgM21/4/1, Axialschnitt. 2: O. Nr. TUB-SFU TgM21/4/3, Axialschnitt.

5: Probe TgM25, oberstes Alb.. 5: O. Nr. TUB-SFU TgM25/1/1, leicht exzentrischer Axialschnitt.

3, 4: Profil Dhadhabo.

3: Probe Dha48, oberes Alb. O. Nr. TUB-SFU Dha48/2/2, Axialschnitt.

4: Probe Dha56, oberstes Alb. O. Nr. TUB-SFU Dha56/1/1, Axialschnitt.

6: Profil Biyo Kulule, Probe BKu3, oberstes Alb. O. Nr. TUB-SFU BKu3/1/1, Axialschnitt.

Fig. 7, 8: *Orbitolina ex interc. corbarica/conica* – Oberstes Alb.

7: Profil Dhadhabo, Probe Dha57O. Nr. TUB-SFU Dha57/2/2, angeschrägter Axialschnitt.

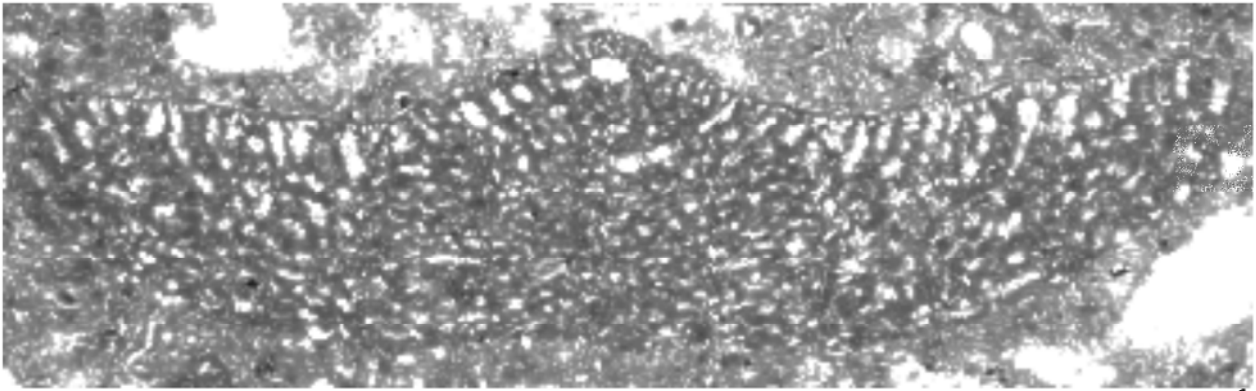
8: Profil Manna'a, Probe Man 47. O. Nr. TUB-SFU Man47/4/2, Axialschnitt.

Fig. 9: *Conicorbitolina conica* (D'ARCHIAC, 1837) - Unteres Cenoman.

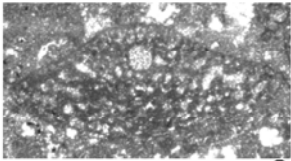
9: Profil Manna'a, Probe Man62. O. Nr. TUB-SFU Man62/2/1, angeschrägter Axialschnitt.

Fig 10: *Conicorbitolina cf. conica* (D'ARCHIAC, 1837) Profil Xabaal Garure, Probe XGa85.
– oberstes Alb. O. Nr. TUB-SFU XGa85/2/2, angeschrägter Axialschnitt.

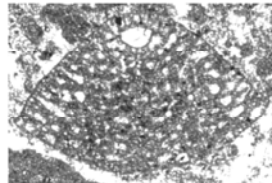
Tafel 10



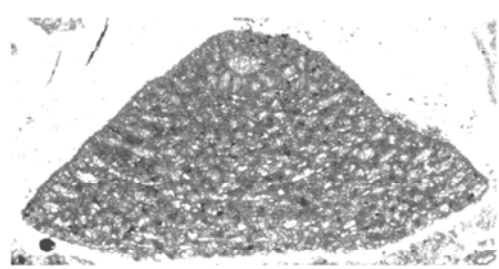
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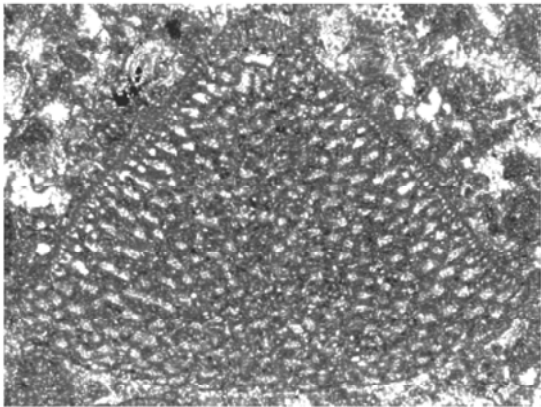
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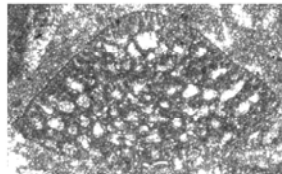
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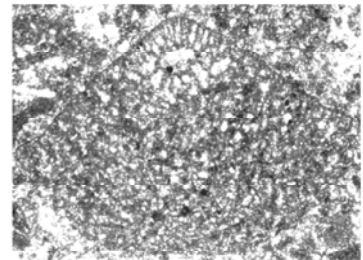
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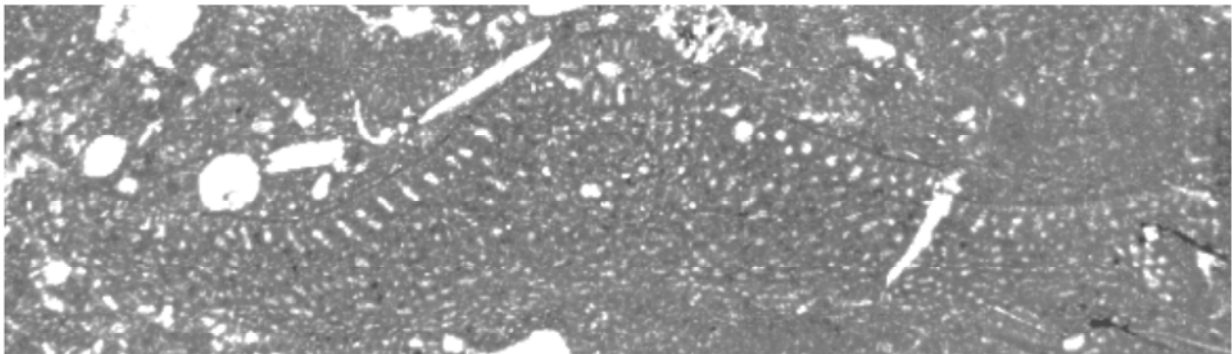
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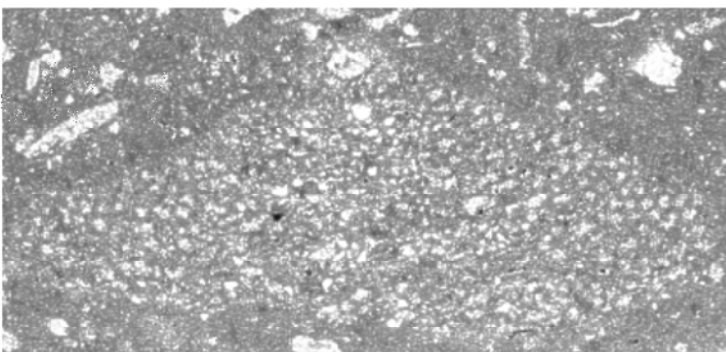
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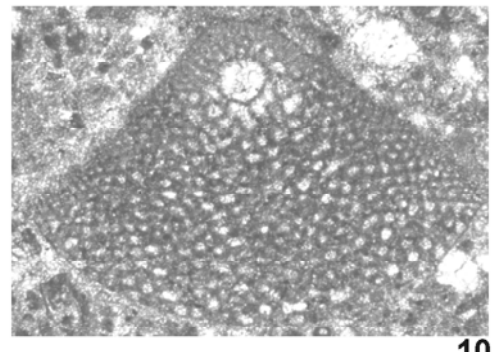
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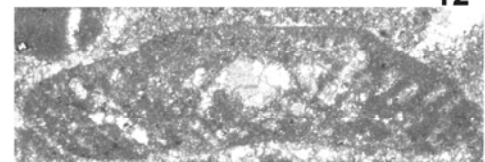
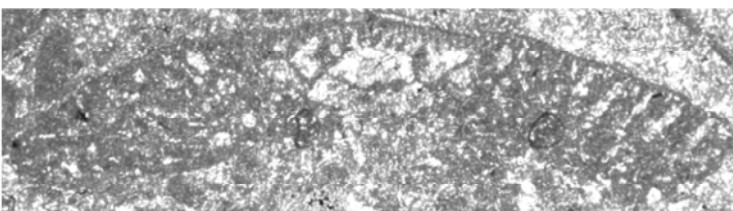
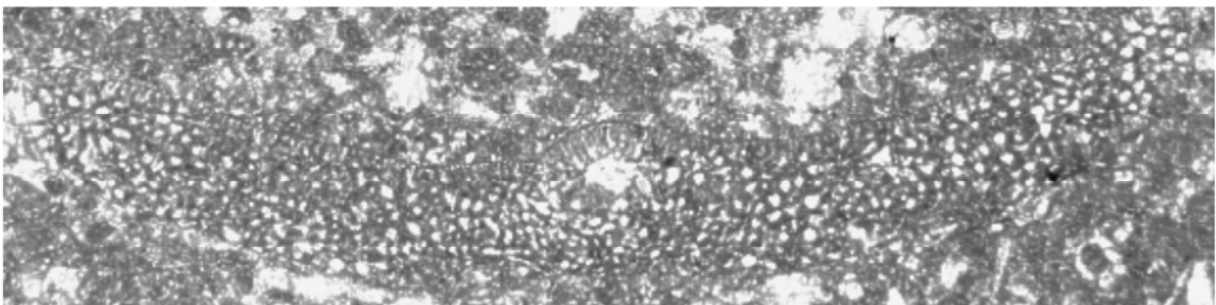
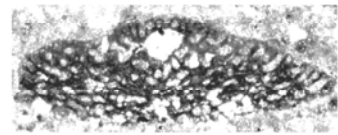
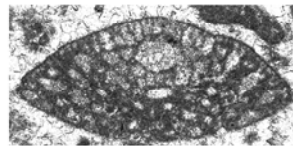
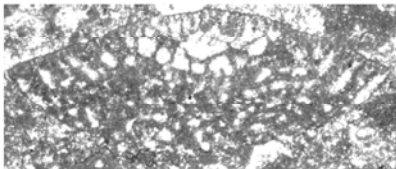
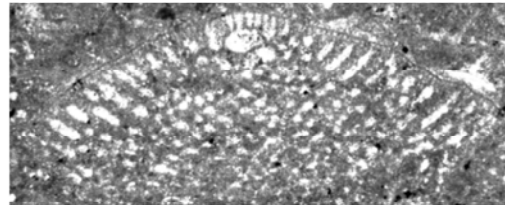
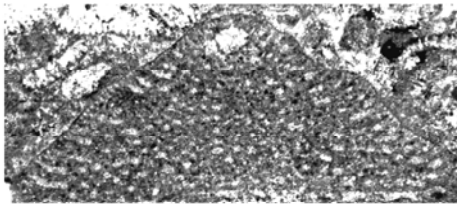
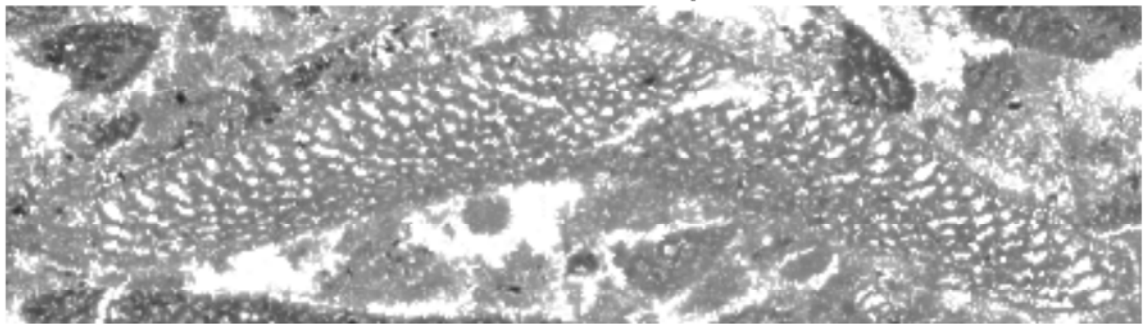
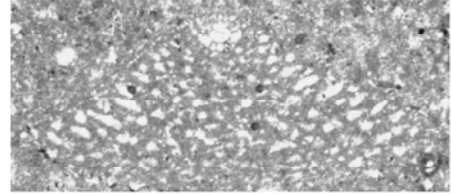
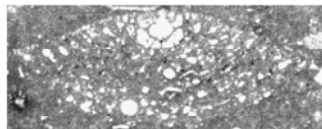
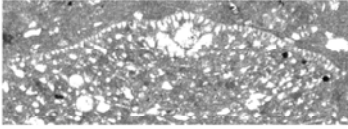
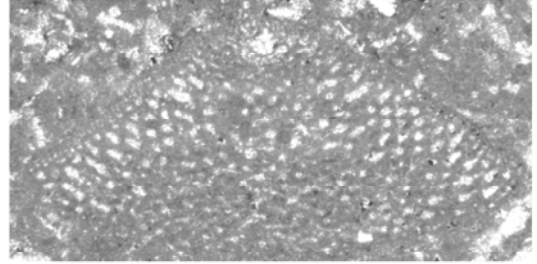
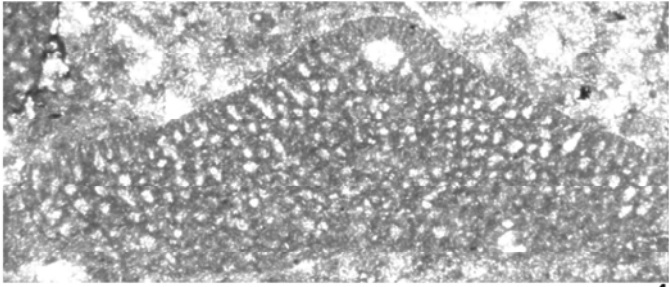
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Tafel 11

Alle Objekte ca. 30x, Nordsomalia.

- Fig. 1: *Conicorbitolina cf. conica* (D'ARCHIAC, 1837) – Profil Xabaal Garure, oberstes Alb. O. Nr. TUB-SFU XGa85/4/1, Axialschnitt.
- Fig. 2-6: *Mesorbitolina texana* (ROEMER, 1849) – Alb.
 2, 5: Profil Xabaal Garure, Probe XGa62, unteres Alb. O. Nr. TUB-SFU XGa62/3/1. 5: O. Nr. TUB-SFU XGa62/1/2.
 3, 4: Profil Manna'a, Probe Man24, unteres Alb. 3: O. Nr. TUB-SFU Man24/1/1, Axialschnitt. 4: O. Nr. TUB-SFU Man24/3/1, Axialschnitt.
 6: Profil Dhadhabo, Probe Dha37, mittleres Alb. O. Nr. TUB-SFU Dha37/2/1, Axialschnitt.
- Fig. 7, 8: *Mesorbitolina ex interc. texana/subconcava* – Alb.
 7: Profil Manna'a, Probe Man40, mittleres Alb. O. Nr. TUB-SFU Man40/1/1, Axialschnitt. 8: Profil Togga Mareer, Probe TgM4, unteres Alb. O. Nr. TUB-SFU TgM4/2/1.
- Fig. 9-11: *Mesorbitolina subconcava* (LEYMERIE, 1878) – Alb.
 9, 11: Profil Togga Mareer.
 9: Probe TgM5, unteres Alb. O. Nr. TUB-SFU TgM5/3/2, Axialschnitt.
 11: Probe TgM14, mittleres Alb, Axialschnitt.
 10: Profil Xabaal Garure, Probe XGa67a, unteres Alb. O. Nr. TUB-SFU XGa67a/1/1, Axialschnitt.
- Fig. 12: *Mesorbitolina ex interc. subconcava/aperta* – Profil Xabaal Garure, Probe XGa85, oberstes Alb. O. Nr. TUB-SFU XGa85/1/1, Axialschnitt.
- Fig. 13 *Mesorbitolina aperta* (ERMAN, 1954) - Profil Xabaal Garure, Probe Xga72a, oberes Alb.
 O. Nr. TUB-SFU XGa72a, Axialschnitt.
- 14: *Mesorbitolina aperta?* (ERMAN, 1954) 14: Profil Togga Mareer, Probe TgM16, mittleres Alb..
 O. Nr. TUB-SFU TgM16/3/2, Axialschnitt.

Tafel 11



Tafel 12

Fig. 1-10 ca. 30x, Fig. 11-14 ca. 100x, Nordsomalia.

Fig. 1, 3: *Mesorbitolina aperta* (ERMAN, 1954) – oberes Alb.

- 1: Profil Xabaal Garure, Probe XGa72a. O. Nr. TUB-SFU XGa72a/1/1, Axialschnitt.
- 3: Profil Dhadhabo, Probe Dha47. O. Nr. TUB-SFU Dha47/1/1, Axialschnitt.

Fig. 2, 4, 7: *Palorbitolina lenticularis* (BLUMENBACH, 1805) – unteres Apt.

- 2, 4: Profil Xabaal Garure.
- 2: Probe XGa 22. O. Nr. TUB-SFU XGa22/1/2, Axialschnitt.
- 4: Probe XGa20. O. Nr. TUB-SFU XGa20/1/1, Axialschnitt.
- 7: Profil Dhadhabo, Probe Dha20. O. Nr. TUB-SFU Dha20/1/1, Axialschnitt.

Fig. 5: *Neorbitolinopsis conulus* (DOUVILLE, 1912) – Profil Xabaal Garure, Probe XGa62, unteres Alb.

- O. Nr. TUB-SFU XGa62/1/1, Axialschnitt.

Fig. 6, 8-10: *Valserina transiens* CHERCHI und SCHROEDER, 1999 – Tiefes unteres Apt.

- 6: Profil Xabaal Garure, Probe XGa18. O. Nr. TUB-SFU XGa18/1/1, Schnittlage eines den „frühen“ Formen von *Palorbitolina lenticularis* ähnlichen Exemplars.
- 8, 10: Profil Dhadhabo, Probe Dha18. 8: O. Nr. TUB-SFU Dha18/2/2, Axialschnitt.
- 10: O. Nr. TUB-SFU Dha18/2/3, Axialschnitt.
- 9: Probe Dha19. O. Nr. TUB-SFU Dha19/1/1, Axialschnitt.

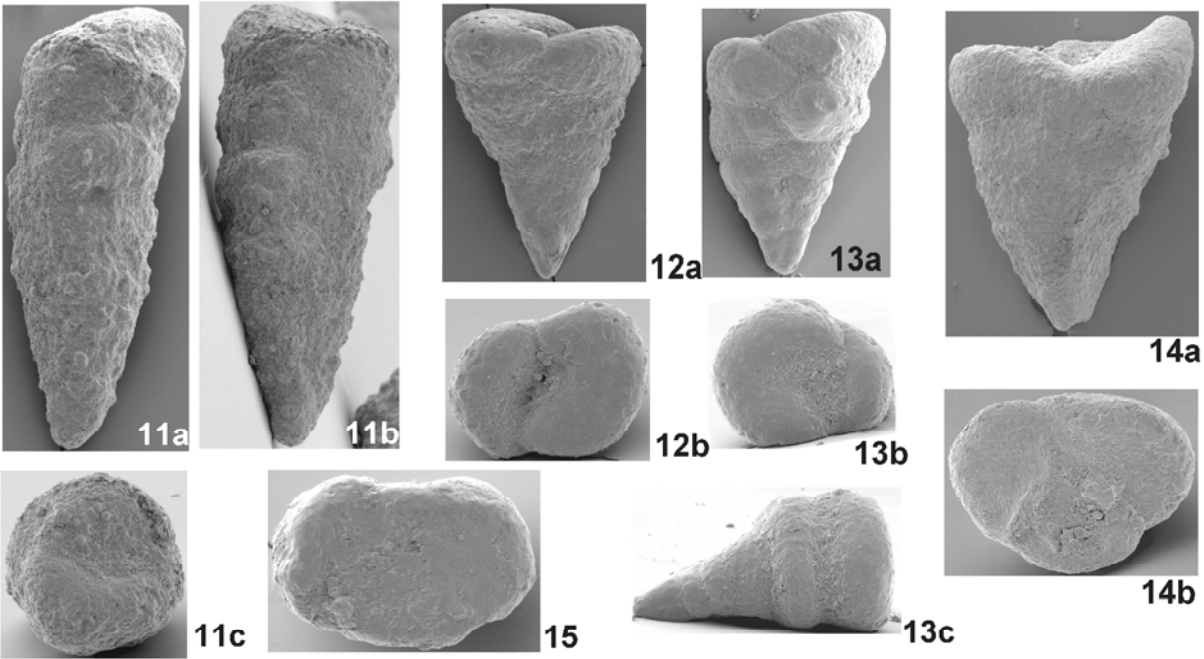
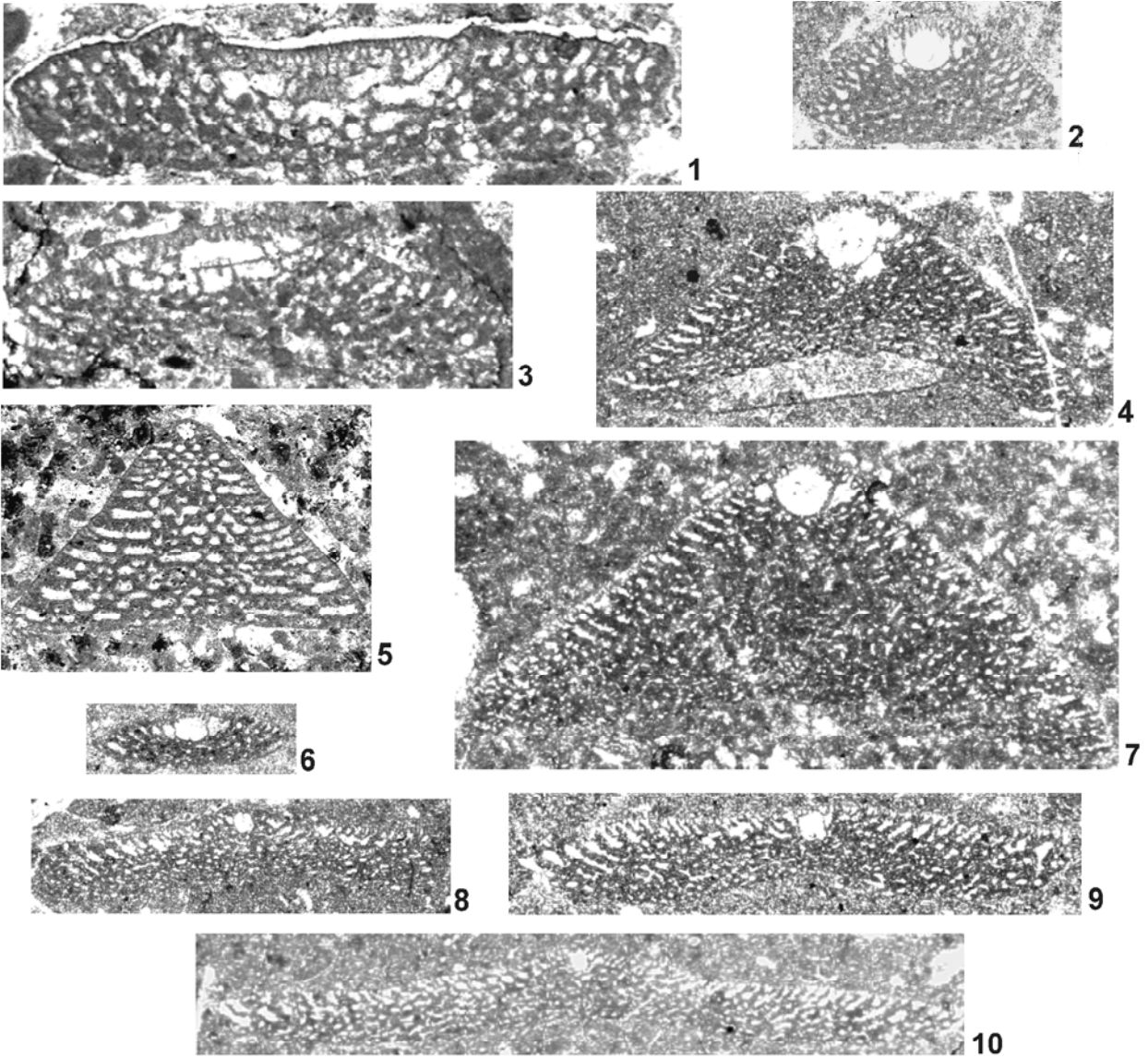
Fig. 11: *Dorothia* sp. – Profil Xabaal Garure, Probe XGa 34, unteres Oberapt.

- O. Nr. TUB-SFU 102a, b: Lateralansichten, c: Distalansicht.

Fig. 12-15: *Marsonella* gr. *oxycona* (REUSS, 1860) – unteres Oberapt.

- 12, 13, 15: Profil Dhadhabo, Probe Dha 26..
- 12: O. Nr. TUB-SFU61, a: Lateralansicht; b: Distalansicht. 13: O. Nr. TUB-SFU63, a, c: Lateralansichten; b: Distalansicht. 15: O. Nr. TUB-SFU62, Distalansicht.
- 14: Profil Xabaal Garure, Probe XGa 37. O. Nr. TUB-SFU135, a: Lateralansicht, b: Distalansicht.

Tafel 12



Tafel 13

Fig. 1, 2, 4 ca. 100x, Fig. 3, 5-11- ca. 40x, Nordsomalia.

Fig. 1: *Marsonella* gr. *oxycona* (REUSS, 1860) – Profil Xabaal Garure, Probe XGa 37, unteres Oberapt. O.Nr. TUB-SFU136.

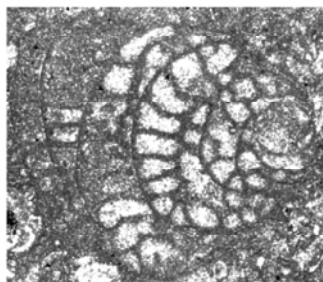
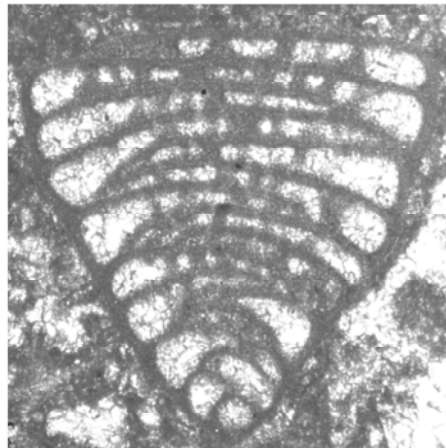
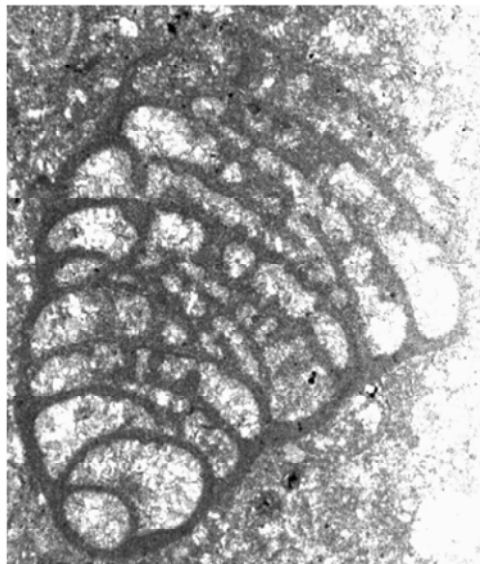
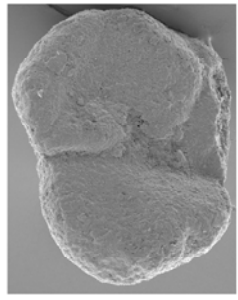
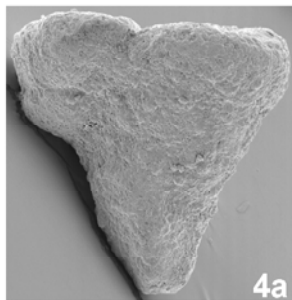
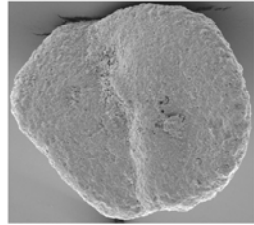
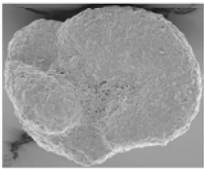
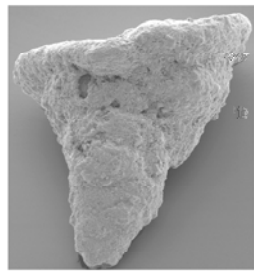
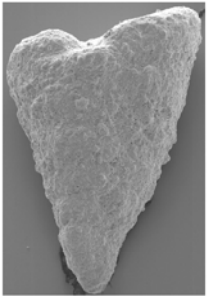
Fig. 2, 4: *Marsonella subtrochus* BARTENSTEIN, 1962, Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
2: O.Nr. TUB-SFU139, a: lateral, b: distal. 4: O.Nr. TUB-SFU 138, a: lateral, b: distal.

Fig. 3: *Chrysalidina* cf. *gradata* D'ORBIGNY, 1839 - Profil Biyo Kulule, Probe Nr. BKu 10, u. Cenoman. O.Nr. TUB-SFU BKu10/2/1, Lateralschnitt.

Fig. 5, 8: *Clavulina?* sp. – Profil Tisje, Probe Tis 26, u. Paleozän.
5: O.Nr. TUB-SFO Tis26/2/1, Lateralschnitt. 8: O.Nr. TUB-SFO Tis26/2/2, Schnitt senkrecht zur Wachstumsebene.

Fig. 6, 7, 9-11: *Dukhania? cherchii* n. sp. – Profil Tisje, Maastricht.
6: Probe Tis19. Holotyp. O.Nr. TUB-SFO Tis19/3/1, Axialschnitt einer megalosphärischen Form.
7, 9: Probe Tis14. 7: O.Nr. TUB-SFO Tis14/4/1, sub-Axialschnitt einer megalosphärischen Form. 9: O.Nr. TUB-SFO Tis14/3/5, sub-Äquatorialschnitt.
10: Probe Tis15. O.Nr. TUB-SFO Tis15/3/1, Axialschnitt einer mikrosphärischen Form.
11: Probe Tis 11. O.Nr. TUB-SFO Tis11/2/2, Axialschnitt einer (?)mikrosphärischen Form.

Tafel 13

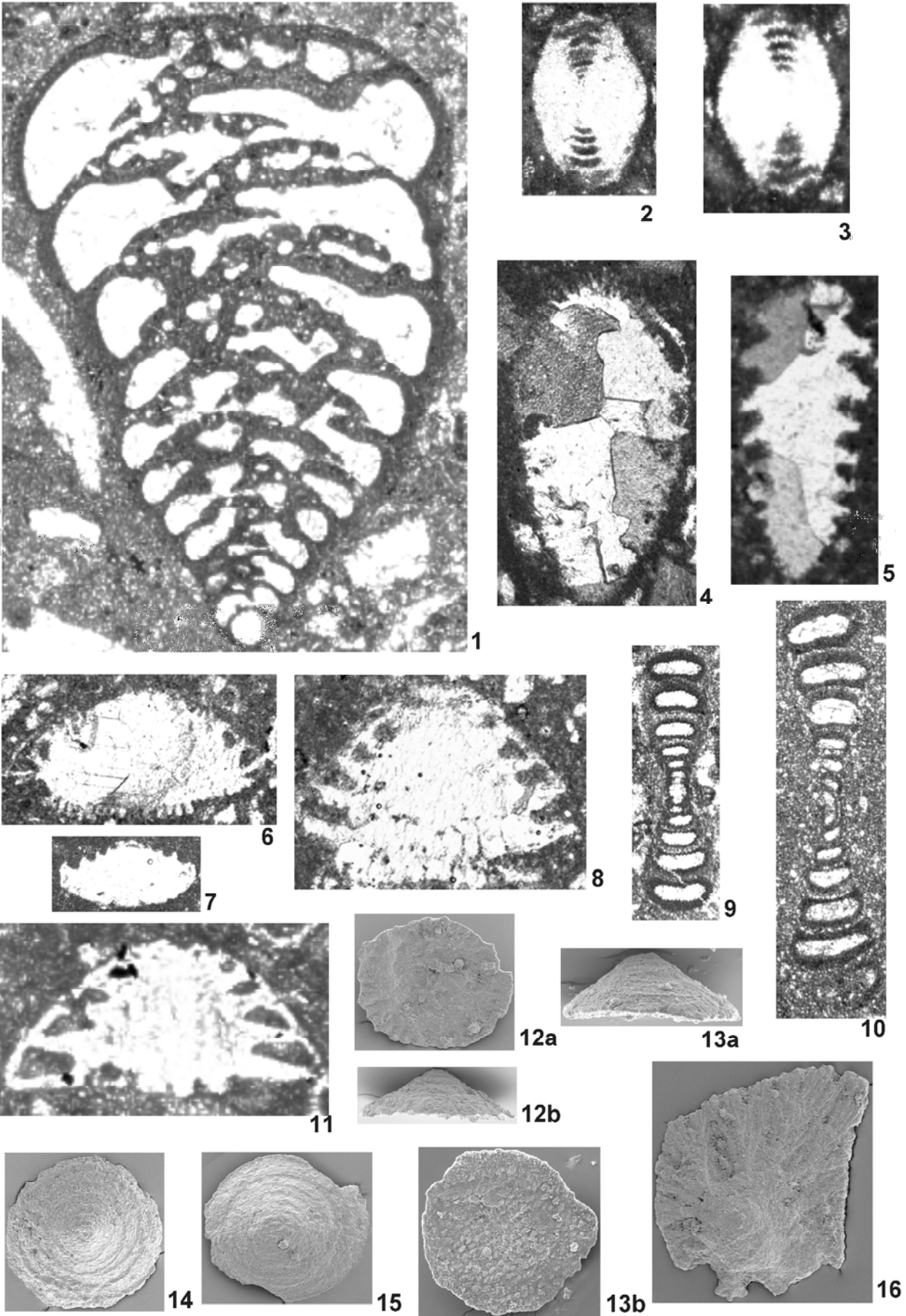


Tafel 14

Fig. 1-11 ca. 50x, Fig. 12-16- ca. 100x, Nordsomalia.

- Fig. 1 *Chrysalidina* cf. *gradata* D'ORBIGNY, 1839 - Profil Biyo Kulule, Probe Nr. BKu 10, u. Cenoman.
O.Nr. TUB-SFU BKu10/7/1, Axialschnitt.
- Fig. 2, 3: *Globospirillina* sp. - Profil Xabaal Garure, Probe XGa29, unteres Oberapt.
2: O.Nr. TUB-SFU XGa29/3/1, Axialschnitt. 3: O.Nr. TUB-SFU XGa29/3/2, Axialschnitt.
- Fig. 4, 5: *Hensonina altispira* (HENSON, 1947) – Profil Manna'a, Alb.
4: Probe Man 46, O.Nr. TUB-SFU Man46/2/1, Axialschnitt eines gut erhaltenen Exemplars.
5: Probe Man 47, O.Nr. TUB-SFU Man47/1/2, Axialschnitt eines abgerollten Exemplars.
- Fig. 6, 7: *Hensonina lenticularis* (HENSON, 1947) – Profil Mann'a, Alb.
6: Probe Man53, O.Nr. TUB-SFU Man53/2/1, gut erhaltener Axialschnitt.
7: Probe Man 47, O.Nr. TUB-SFU Man47/1/1, Axialschnitt eines abgerollten Exemplars.
- Fig. 8: *Hensonina?* *arabica* (HENSON, 1949) – Profil Manna'a, Probe Man46, Alb.
O.Nr. TUB-SFU Man46/3/2, Axialschnitt.
- Fig. 9, 10: *Spirillina* sp. – Oberes Alb.
9: Profil Manna'a, Probe Man 53. O.Nr. TUB-SFU Man53/3/2, Axialschnitt.
10: Profil Biyo Kulule, Probe BKu 1. O.Nr. TUB-SFU BKu1/3/2, Axialschnitt.
- Fig. 11: *Trocholina aptiensis* IOCHEVA, 1962 – Profil Dhadhabo, Probe Dha20, unteres Apt.
O.Nr. TUB-SFU Dha20/1/2, Axialschnitt.
- Fig. 12-15: *Patellina subcretacea* CUSHMAN & ALEXANDER, 1930 – Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
12: O.Nr. TUB-SFU 114, a: umbilikal; b: lateral. 13: O.Nr. TUB-SFU 116, a: lateral; b: umbilikal. 14: O.Nr. TUB-SFU 112, spiral. 15: O.Nr. TUB-SFU 113, spiral.
- Fig. 16: "*Carterina*"? sp. - Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
O.Nr. TUB-SFU 111, "spiral".

Tafel 14



Tafel 15

Alle Objekte ca. 50x, Nordsomalia.

Fig. 1-4: *Dictyoconus arabicus* HENSON, 1948 – unteres Unterapt.

1, 2: Profil Xabaal Garure.

1: Probe XGa20, O.Nr. TUB-SFU XGa20/1/2, Axialschnitt einer mikropärischen Form.

2: Probe XGa18. O.Nr. TUB-SFU XGa18/1/2, subzentraler Axialschnitt.

3, 4: Profil Dhadhabo, Probe Dha19.

3: O.Nr. TUB-SFU Dha19/3/1, subzentraler Axialschnitt.

4: O.Nr. TUB-SFU Dha19/2/2, Äquatorialschnitt.

Fig. 5-10: *Ovalveolina crassa* DE CASTRO, 1966.

5-7: Profil Biyo Kulule, oberes Oberalb.

5: Probe BKu5. O.Nr. TUB-SFU BKu5/3/1, marginale Schnittlage.

6: Probe BKu4. O.Nr. TUB-SFU BKu4/2/1 Äquatorialschnitt.

7: Probe BKu1. O.Nr. TUB-SFU BKu1/2/1, schiefer Axialschnitt.

8-10: Profil Xabaal Garure, Probe XGa85. Grenzbereich Alb/Cenoman. Alle Exemplare mehr oder weniger stark rekristallisiert/angelöst.

8: O.Nr. TUB-SFU XGa85/2/1, Äquatorialschnitt mit extern dunkel rekristallisiertem Material.

9: O.Nr. TUB-SFU XGa85/2/2, Axialschnitt. 10: O.Nr. TUB-SFU XGa85/2/3, schiefer Axialschnitt.

Fig. 11-15: *Ovalveolina maccognoae* DE CASTRO, 1966. Profil Xabaal Garure, Probe XGa84, oberes Oberalb.

11; 13-15: Probe Nr. XGa84.

11: O.Nr. TUB-SFU XGa84/1/1, Äquatorialschnitt. 13: O.Nr. TUB-SFU XGa84/1/3,

Axialschnitt. 14: O.Nr. TUB-SFU XGa84/2/1, Äquatorialschnitt. 15: O.Nr. TUB-SFU XGa84/2/2, Axialschnitt.

12: Probe Nr. XGa85. O.Nr. TUB-SFU XGa85/1/2, schiefer Axialschnitt.

Fig. 16, 20: *Praealveolina osimoi* (ZUFFARDI-COMERCI, 1930) – Profil Xabaal Garure, Probe XGa99, mittleres Cenoman.

16, 20: Äquatorialschnitte. 16: O.Nr. TUB-SFU XGa99/3/1. 20: O.Nr. TUB-SFU XGa99/3/2.

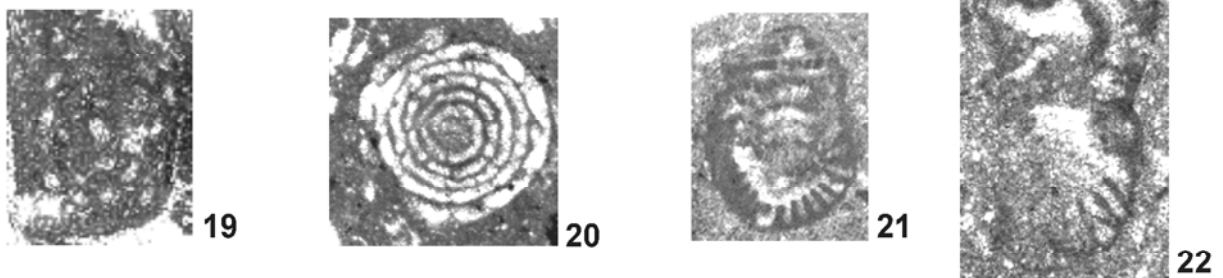
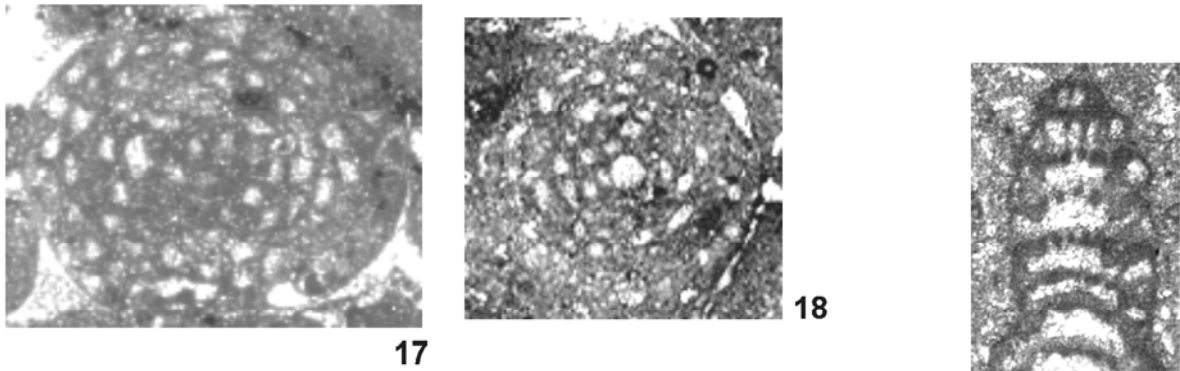
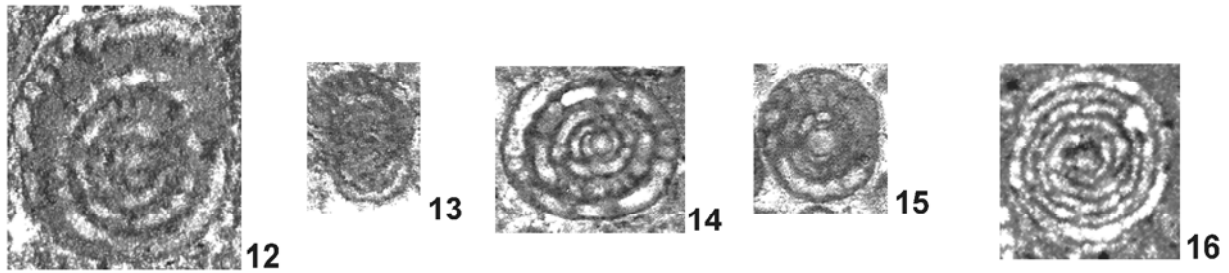
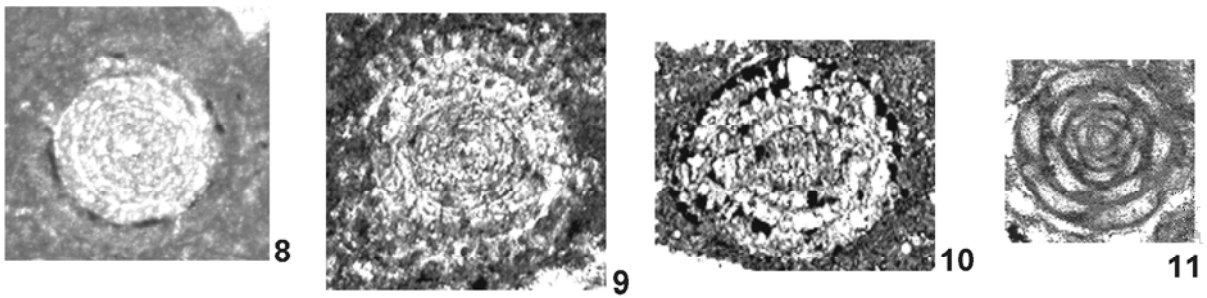
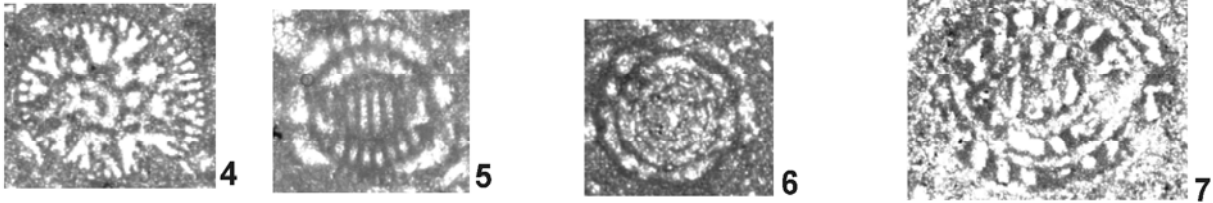
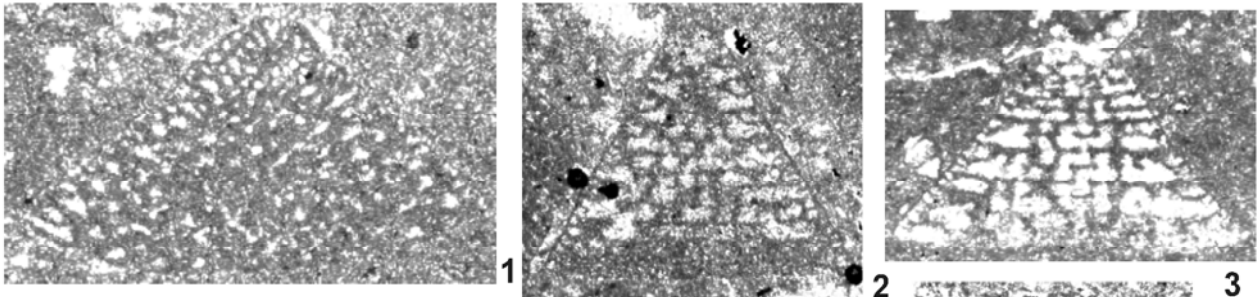
Fig. 17-19: *Sellialveolina viallii* COLALONGO, 1963 – Profil Xabaal Garure, Probe GXa102c, oberes mittleres Cenoman.

17: O.Nr. TUB-SFU XGa102c/3/2, schiefer Axialschnitt. 18: O.Nr. TUB-SFU XGa102c/3/1, Äquatorialschnitt. 19: O.Nr. TUB-SFU XGa102c/2/1.

Fig. 21, 22: *Pseudorhapydionina cf. laurinensis* (DE CASTRO), 1965 – Profil Manna'a, Probe Man57, unteres Cenoman.

21: O.Nr. TUB-SFU Man57/2/4. 22: O.Nr. TUB-SFU Man57/3/2.

Tafel 15



Tafel 16

Alle Objekte ca. 30x, Nordsomalia.

Fig. 1: „*Idalina*“ sp. – Profil Tisje, Probe Tis14, Maastricht.

O.Nr. TUB-SFO Tis14/4/1.

Fig. 2, 3: *Pseudedomia drorimensis* REISS, HAMAOUÏ und ECKER, 1964 – Profil Xabaal Garure, Probe XGa98, mittleres Cenoman (beide Exemplare stark rekristallisiert).

2: O.Nr. TUB-SFU XGa98/2/1, Axialschnitt.

3: O.Nr. TUB-SFU XGa98/2/4, schiefer Äquatorialschnitt.

Fig. 4, 5: *Pseudedomia complanata* EAMES und SMOUT, 1955 – Profil Xabaal Garure, Probe XGa105, Campan.

4, 5: Axialschnitte. 4: O.Nr. TUB-SFO XGa105/2/1. 5: O.Nr. TUB-SFO XGa105/2/3.

Fig. 6-9: *Pseudedomia* sp. aff. *complanata* EAMES und SMOUT – Profil Tisje, Probe Tis1, Campan.

6, 7, 9: Axialschnitte. 6: O.Nr. TUB-SFO Tis1/8/2. 7: O.Nr. TUB-SFO Tis1/5/1. 9:

O.Nr. TUB-SFO Tis1/8/3. Fig. 8: O.Nr. TUB-SFO Tis1/11/1, Äquatorialschnitt.

Fig. 10: *Pseudedomia* sp. – Profil Tisje, Probe Tis10, Maastricht.

O.Nr. TUB-SFO Tis10/2/2, Axialschnitt.

Fig. 11, 12: *Pseudochubbina?* sp. – Profil Tisje, Probe Tis14, Maastricht.

11: O.Nr. TUB-SFO Tis14/3/1, Äquatorialschnitt. 12: O.Nr. TUB-SFO Tis14/3/2, tangentialer Axialschnitt.

Fig. 13: *Ovalveolina crassa* DE CASTRO, 1966 – Profil Biyo Kulule, Prober BKu1, oberes Alb.

O.Nr. TUB-SFU BKu1/3/4, Äquatorialschnitt.

Fig. 14-17: *Praealveolina iberica* REICHEL, 1936 – Profil Manna'a.

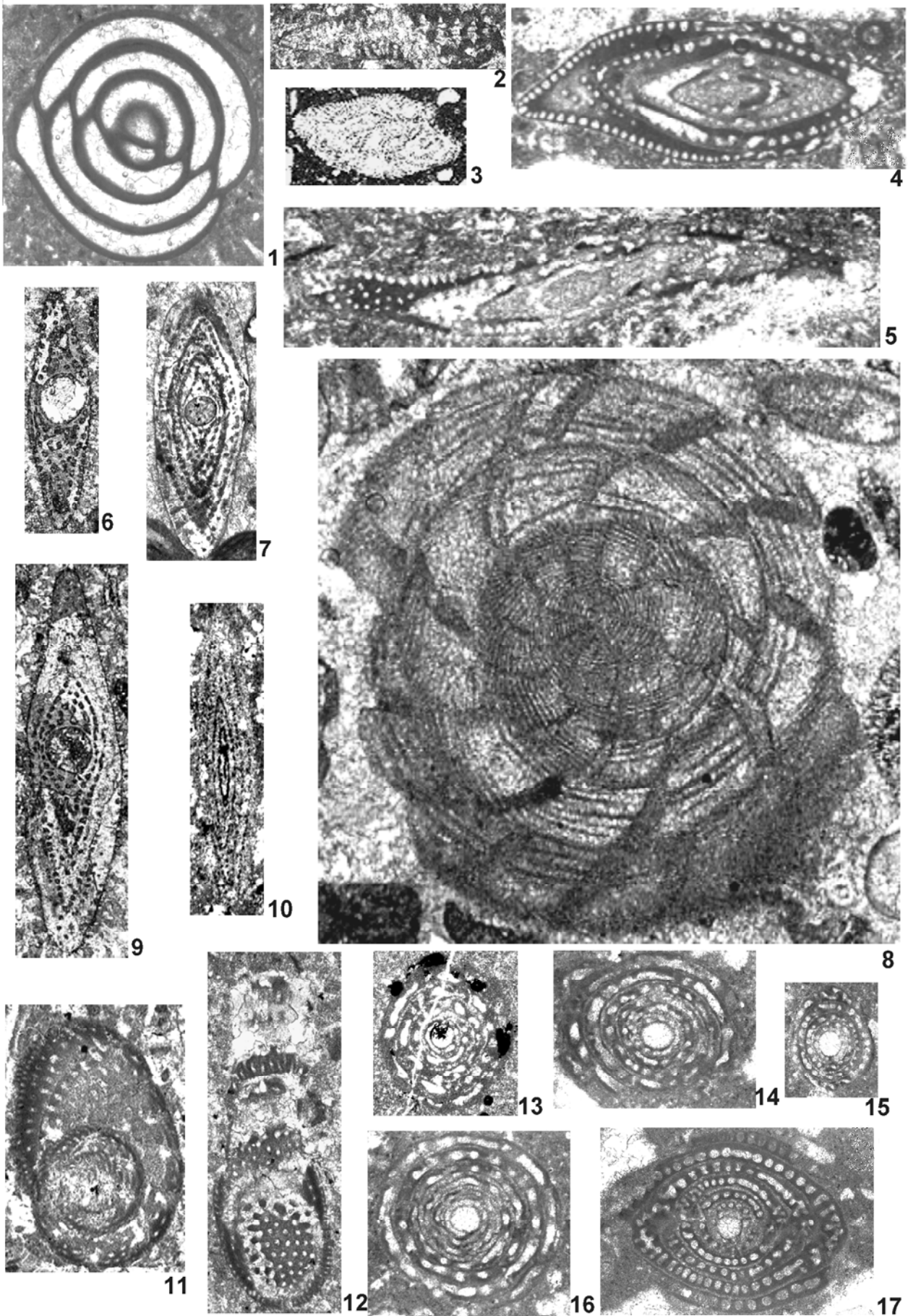
14, 16, 17: Probe Man55, oberstes Alb.

14: O.Nr. TUB-SFU Man55/3/3, angeschrägter Äquatorialschnitt. 16: O.Nr. TUB-SFU Man55/3/2, Äquatorialschnitt. 17: O.Nr. TUB-SFU Man55/3/4: Axialschnitt.

15: Probe Man57. basales Cenoman.

O.Nr. TUB-SFU Man57/2/5, angeschrägter Axialschnitt.

Tafel 16



Tafel 17

Alle Objekte ca. 25x, Nordsomalia.

Fig. 1-5: *Praealveolina iberica* REICHEL, 1936 – Profil Manna'a:

1, 2: Probe Man57; basales Cenoman.

1: O.Nr. TUB-SFU Man57/1/2, schiefer Axialschnitt. 2: O.Nr. TUB-SFU Man57/2/3, schiefer Axialschnitt eines deformierten Exemplars.

3-5: Probe Man55; Oberstes Alb.

3: O.Nr. TUB-SFU Man55/3/1, tangentialer Axialschnitt. 4: O.Nr. TUB-SFU

Man55/3/5, Äquatorialschnitt. 5: O.Nr. TUB-SFU Man55/3/8, Äquatorialschnitt.

Fig. 6, 7: *Praealveolina cf. tenuis* REICHEL, 1933 – Profil Xabaal Garure, Probe XGa101, mittleres Cenoman.

6: O.Nr. TUB-SFU XGa101/1/1, marginaler tangentialer Axialschnitt. 7: O.Nr. TUB-SFU XGa101/1/2, proximaler tangentialer Axialschnitt.

Fig. 8, 9, 11: *Praealveolina cretacea* (D'ARCHIAC, 1837) - Profil Xabaal Garure, Probe XGa99, mittleres Cenoman.

8: O.Nr. TUB-SFU XGa99/1/2; Äquatorialschnitt. 9: O.Nr. TUB-SFU XGa99/2/1, schiefer Axialschnitt. 11: O.Nr. TUB-SFU XGa99/1/1, schiefer Äquatorialschnitt.

Fig. 10, 12, 13: *Praealveolina osimoi* (ZUFFARDI-COMERCI, 1930) – Profil Xabaal Garure, mittleres Cenoman.

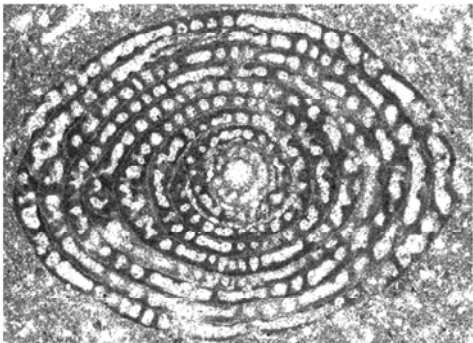
10, 13: Probe XGa94. 10: O.Nr. TUB-SFU XGa94/2/2, Axialschnitt. 13: O.Nr. TUB-SFU XGa94/3/1, schiefer Äquatorialschnitt.

12: Probe XGa100. O.Nr. TUB-SFU XGa100/4/1, Axialschnitt.

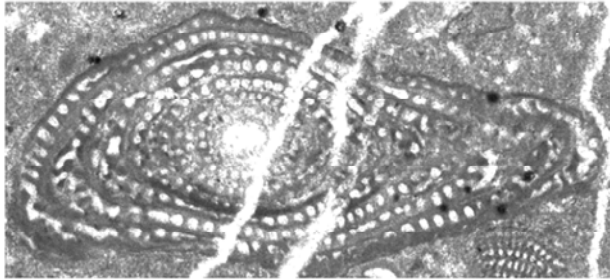
Fig. 14, 15: *Edomia reicheli* HENSON, 1948 – Profil Xabaal Garure, Probe XGa101a, mittleres Cenoman.

14: O.Nr. TUB-SFU XGa101a/1/1, Äquatorialschnitt. 15: O.Nr. TUB-SFU XGa101a/2/2, Axialschnitt.

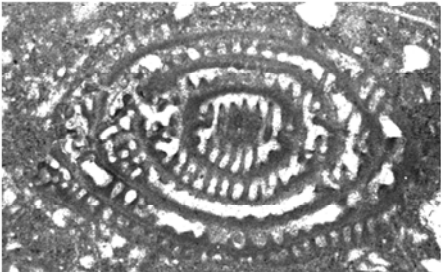
Tafel 17



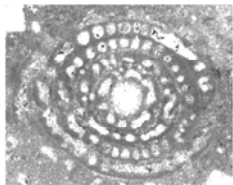
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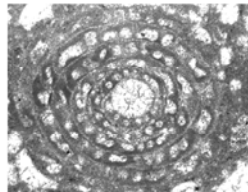
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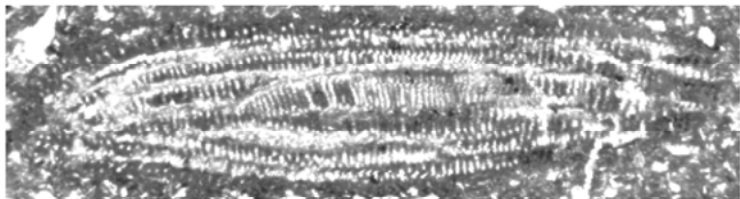
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4



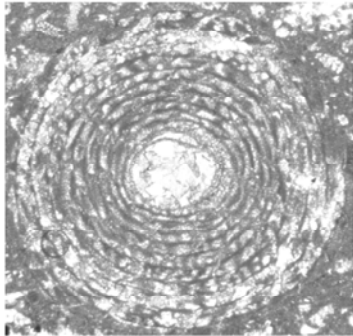
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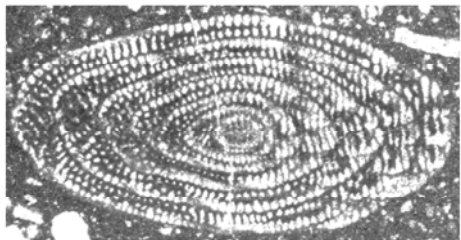
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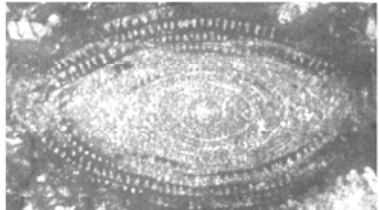
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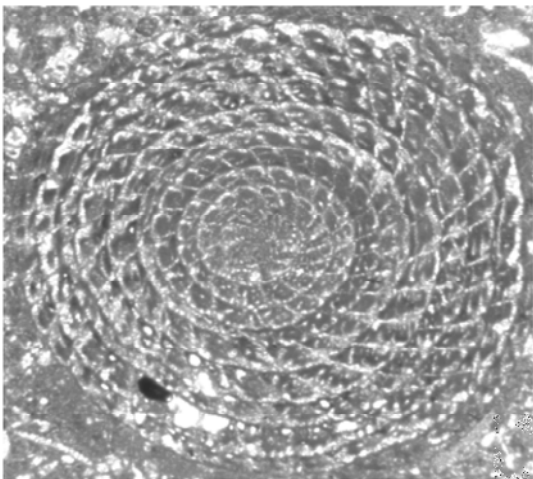
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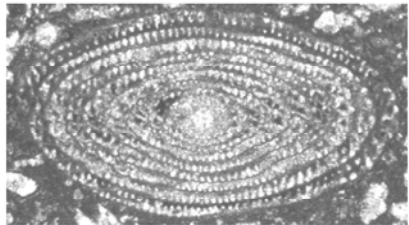
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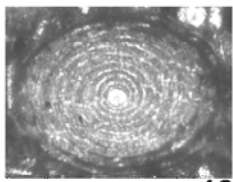
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11



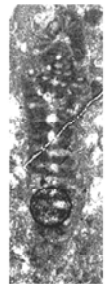
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13



14



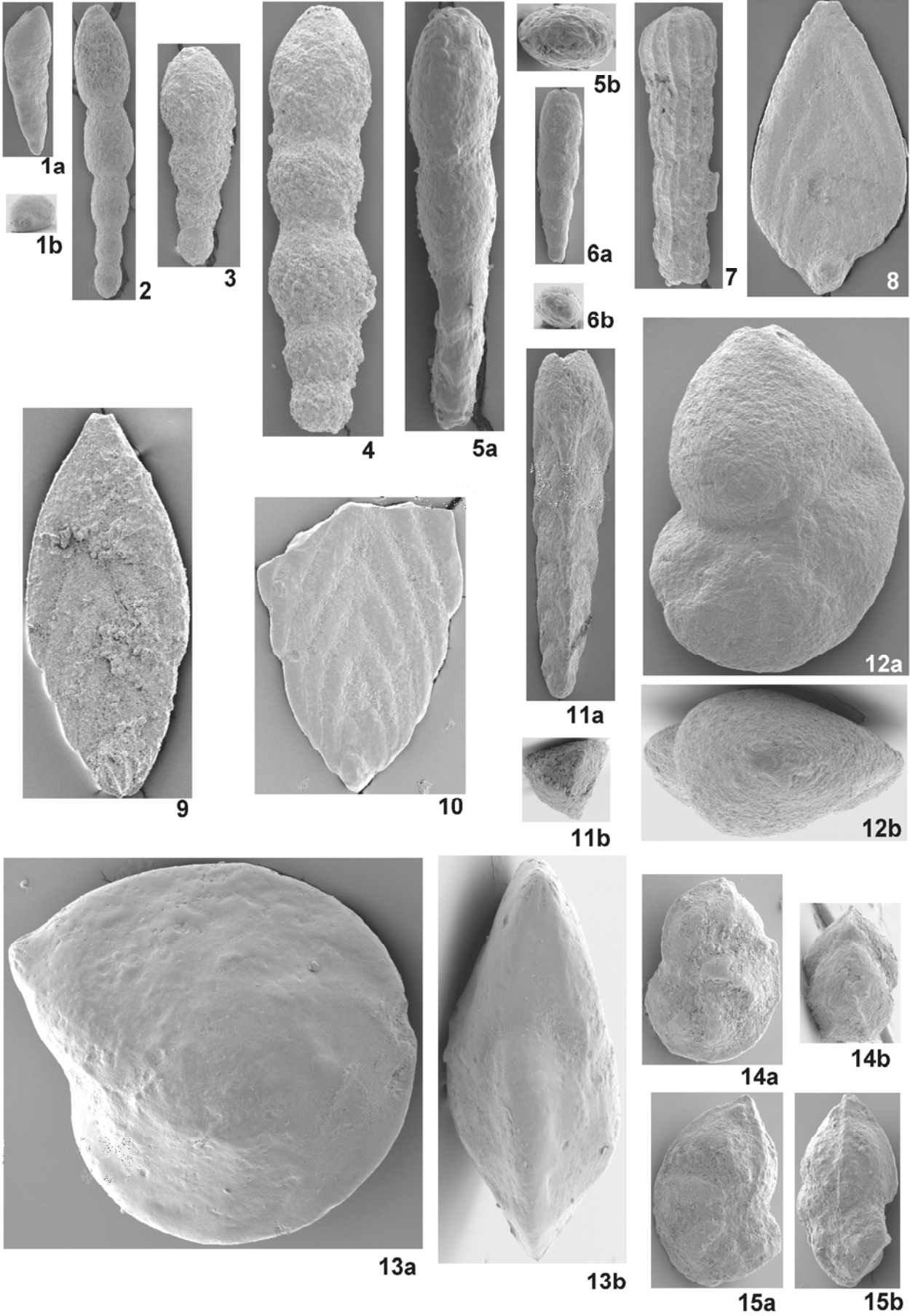
15

Tafel 18

Alle Objekte ca. 100x, Nordsomalia.

- Fig. 1: *Laevidentalina communis* (D'ORBIGNY, 1826) – Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
O.Nr. TUB-SFU 88. a: Lateralansicht; b: Distalansicht.
- Fig. 2: *Laevidentalina* cf. *soluta* (REUSS, 1851) - Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
O.Nr. TUB-SFU 131. Lateralansicht.
- Fig. 3, 4: *Nodosaria* sp. - Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
3: O.Nr. TUB-SFU 128. 4: O.Nr. TUB-SFU129. Lateralansichten.
- Fig. 5, 6: *Lingulina* sp. – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
5: O.Nr. TUB-SFU 87. a: Lateralansicht; b: Distalansicht. 6: O.Nr. TUB-SFU 85. a: Lateral-ansicht; b: Distalansicht.
- Fig. 7: *Pyramidulina* cf. *paupercula* (REUSS, 1845)) - Profil Xabaal Garure, Probe XGa37, unteres Oberapt.
O.Nr. TUB-SFU 130. Lateralansicht; Bruchstück, Anfangsteil nicht erhalten.
- Fig. 8-10: *Frondicularia* sp. – unteres Oberapt.
8: Profil Xabaal Garure, Probe XGa37. O.Nr. TUB-SFU 132. Lateralansicht.
9, 10: Profil Dhadhabo. Lateralansichten.
9: Probe Dha25. O.Nr. TUB-SFU 69. 10: Probe Dha26, O.Nr. TUB-SFU 67.
- Fig. 11: *Tristix acutangulum* (REUSS, 1863) - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O.Nr. TUB-SFU 142. a: Lateralansicht; b: Distalansicht.
- Fig. 12: *Lenticulina discrepans* (REUSS, 1863) - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O.Nr. TUB-SFU 148. a: Spiralansicht; b: Distalansicht.
- Fig. 13: *Lenticulina muensteri* (ROEMER, 1839) – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
O.Nr. TUB-SFU 46. a: Spiralansicht; b: Frontalansicht.
- Fig. 14, 15: *Lenticulina* sp. cf. *Lenticulina saxocretacea* BARTENSTEIN, 1954 in: WEIDICH (1990) – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
14: O.Nr. TUB-SFU 95. a: Spiralansicht; b: Distalansicht. 15: O.Nr. TUB-SFU 96. a: Spiralansicht; b: Lateralansicht auf distalen Teil der Spira.

Tafel 18

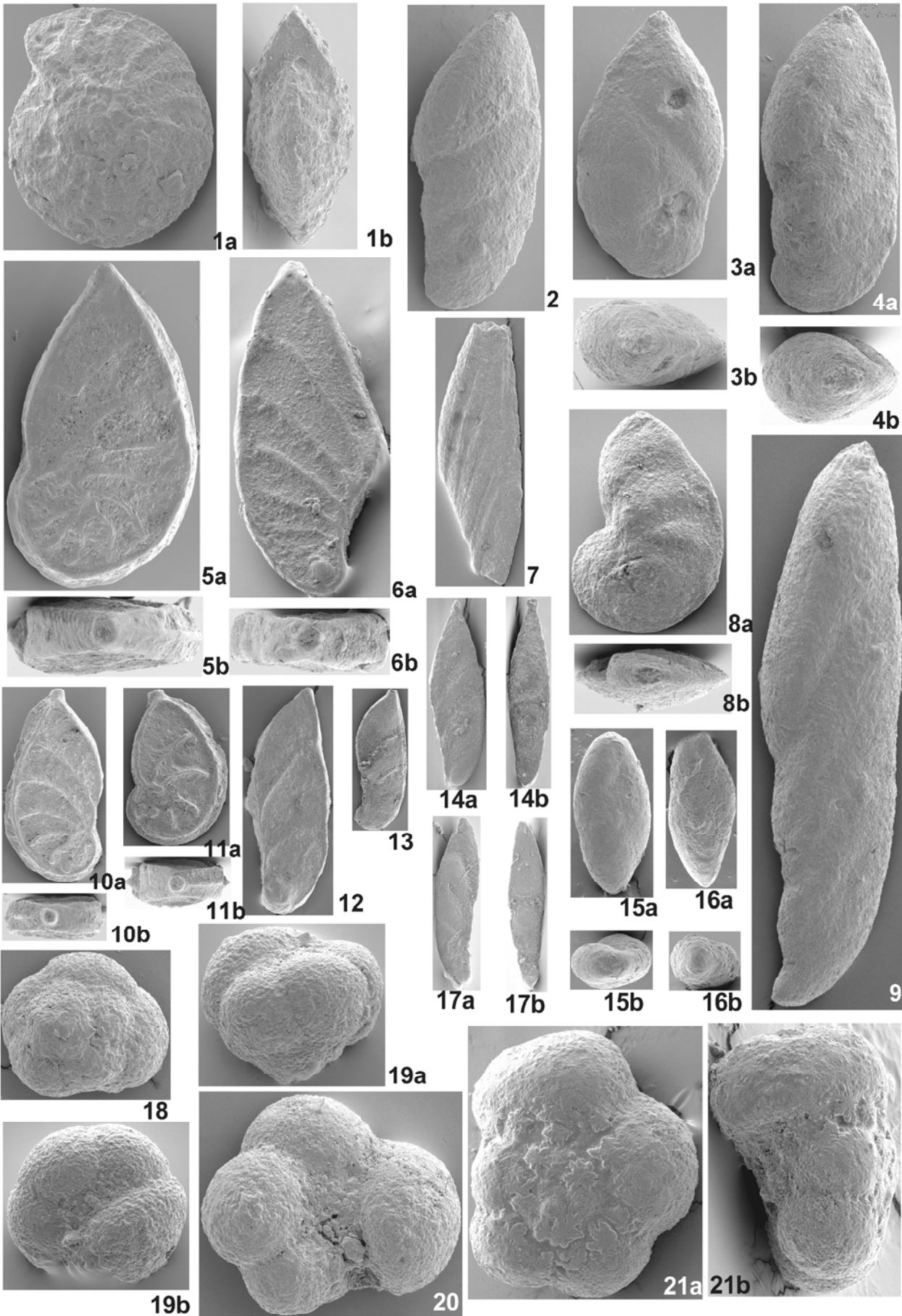


Tafel 19

Fig 1-13 ca. 70x, Fig. 14-17 ca. 100x, Fig. 18-21 ca. 250x, Nordsomalia.

- Fig. 1: *Lenticulina* sp. – Profil Tisje, Probe Tis13, Maastricht.
O.Nr. TUB-SFU 84. a: Spiralansicht; b: Frontalansicht.
- Fig. 2-4: *Astacolus calliopsis* (REUSS, 1863) - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
2: O.Nr. TUB-SFU 150. Lateralansicht. 3: O.Nr. TUB-SFU 153. a: Lateralansicht; b: Distalansicht. 4: O.Nr. TUB-SFU 149. a: Lateralansicht; b: Distalansicht.
- Fig. 5, 10, 11: „*Planularia*“ *crepidularis tricarinella* (REUSS, 1863) – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
5: O.Nr. TUB-SFU 57. a: Lateralansicht; b: Distalansicht. 10: O.Nr. TUB-SFU 56. a: Lateralansicht; b: Distalansicht. 11: O.Nr. TUB-SFU 54. a: Lateralansicht; b: Distalansicht.
- Fig. 6: *Psilocitharella* sp. 1 – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
O.Nr. TUB-SFU 53. a: Lateralansicht; b: Distalansicht.
- Fig. 7: *Citharina* sp. - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O.Nr. TUB-SFU 145. Lateralansicht, Bruchstück.
- Fig. 8: *Astacolus?* sp. - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O.Nr. TUB-SFU 143. Lateralansicht; b: Distalansicht.
- Fig. 9: *Astacolus* cf. *schloenbachi* (REUSS, 1863) - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
O.Nr. TUB-SFU 147. Lateralansicht.
- Fig. 12, 13: *Psilocitharella* sp. 2 - Profil Dhadhabo, Probe Dha26, unteres Oberapt.
12, 13: Lateralansichten. 12: O.Nr. TUB-SFU 80. 13: O.Nr. TUB-SFU 99.
- Fig. 14, 17: *Saracenella* sp. – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
14: O.Nr. TUB-SFU 81. a: Lateralansicht; b: Frontalansicht. 17: O.Nr. TUB-SFU 82. a: Lateralansicht; b: Frontalansicht.
- Fig. 15, 16: *Pyrulina* spp. - Profil Dhadhabo, Probe Dha26, unteres Oberapt.
15: O.Nr. TUB-SFU 76. a: Lateralansicht; b: Distalansicht. 16: O.Nr. TUB-SFU 75. a: Lateralansicht; b: Apikalansicht.

Tafel 19

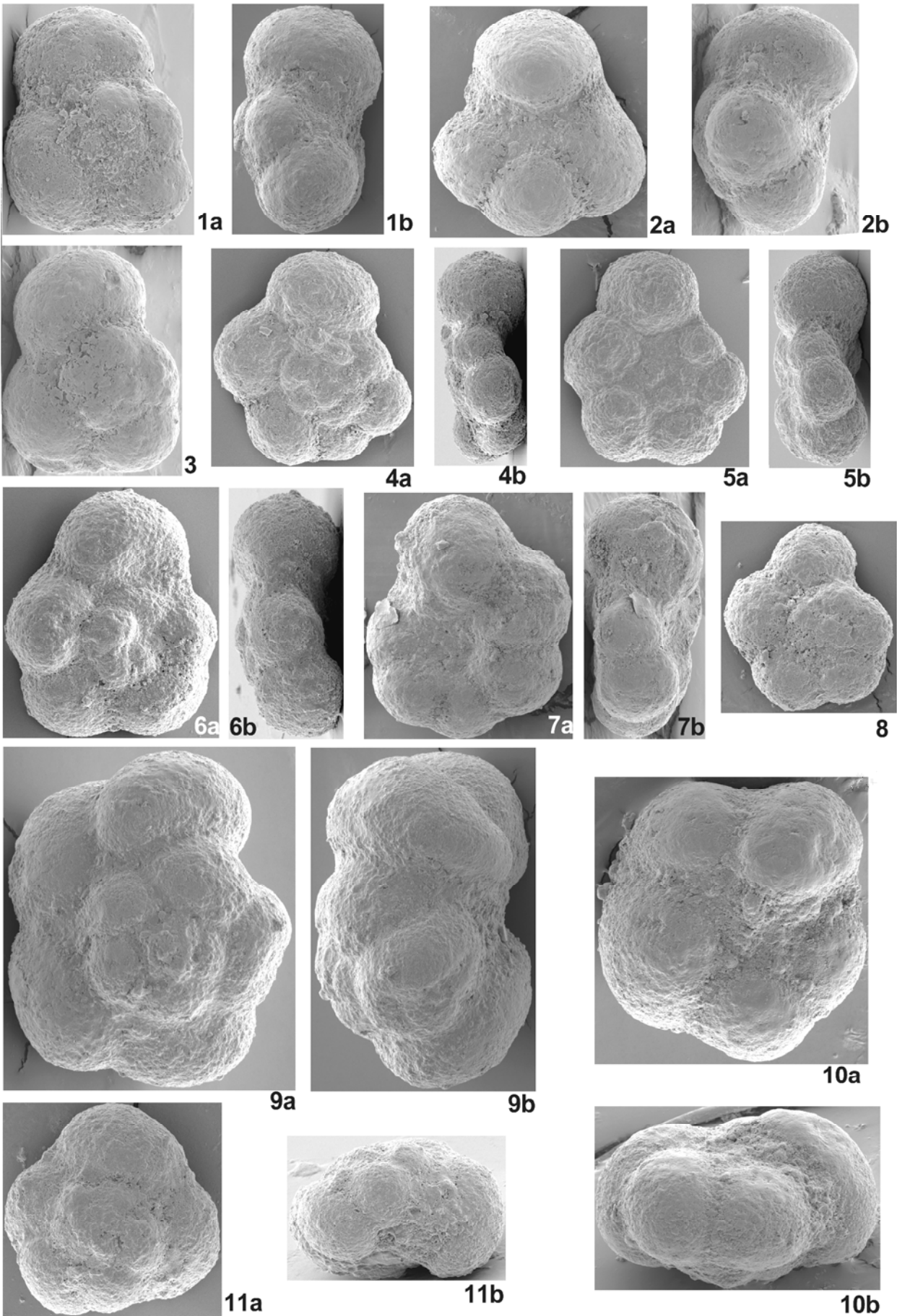


Tafel 20

Alle Objekte ca. 200x, Nordsomalia.

- Fig. 1-3: *Praehedbergella grigelisae* BANNER und DESAI, 1988 – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
 1: O.Nr. TUB-SFU 35. a: Spiralansicht; b: Lateralansicht. 2: O.Nr. TUB-SFU 36. a: Umbilikalansicht; b: Lateralansicht. 3: O.Nr. TUB-SFU 38. Spiralansicht.
- Fig. 4, 5: *Blefuscuiana aptiana aptiana* (BARTENSTEIN, 1965) - Profil Xabaal Garure, Probe XGa40, unteres Oberapt.
 4: O.Nr. TUB-SFU 4. a: Spiralansicht; b: Lateralansicht. 5: O.Nr. TUB-SFU 6. a: Spiralansicht; b: Lateralansicht.
- Fig. 6-8: *Blefuscuiana aptiana orientalis* BOUDAGHER-FADEL et al., 1998 – unteres Oberapt.
 6, 8: Profil Xabaal Garure, Probe XGa40 6: O.Nr. TUB-SFU 13 a: Spiralansicht; b: Lateralansicht. 8: O.Nr. TUB-SFU 11: Spiralansicht.
 7: Profil Dhadhabo, Probe Dha26. O.Nr. TUB-SFU 41. a: Umbilikalansicht; b: Lateralansicht.
- Fig. 9-11: *Blefuscuiana gorbachikae* (LONGORIA, 1974) – unteres Oberapt.
 9, 10: Profil Dhadhabo, Probe Dha26. 9: O.Nr. TUB-SFU 30. a: Spiralansicht; b: Lateralansicht. 10: O.Nr. TUB-SFU 29. a: Umbilikalansicht; b: Lateralansicht.
 11: Profil Xabaal Garure, Probe XGa37. O.Nr. TUB-SFU 23. Juvenarium. a: Spiralansicht; B: Lateralansicht.

Tafel 20



Tafel 21

Fig. 1-5 ca. 200x, Fig. 6, 7 ca. 150x, Nordsomalia.

Fig. 1-3: *Blefuscuiana gorbachikae* (LONGORIA, 1974) – Profil Dhadhabo, Probe Dha26, unteres Oberapt.

1: O.Nr. TUB-SFU 32. a: Spiralansicht; b: Lateralansicht. 2: O.Nr. TUB-SFU 33. a: Umbilikalansicht; b: Lateralansicht. 3: O.Nr. TUB-SFU 34. a: Spiralansicht; b: Lateralansicht.

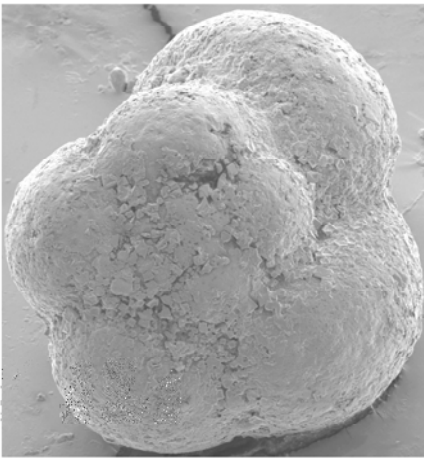
Fig. 4, 5: *Leupoldina* gr. *cabri* (SIGAL, 1952) sensu BANNER und DESAI, 1988 – Profil Dhadhabo, Probe Dha26, unteres Oberapt.

4: O.Nr. TUB-SFU 26. a: Spiralansicht; b: Lateralansicht. 5: O.Nr. TUB-SFU 27. a: Spiralansicht; b: Lateralansicht.

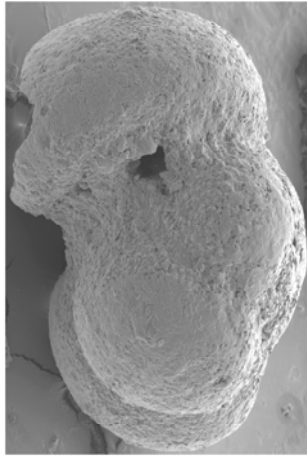
Fig. 6, 7: *Baggina* sp. – Profil Tisje, Probe Tis2, Campan.

6: O.Nr. TUB-SFO 89. a: Spiralansicht; b: Lateralansicht. 7: O.Nr. TUB-SFO 90. a: Umbilikalansicht; b: Lateralansicht.

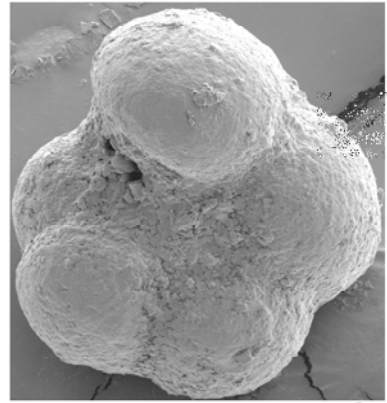
Tafel 21



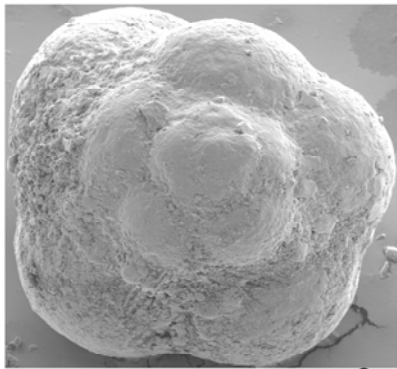
1a



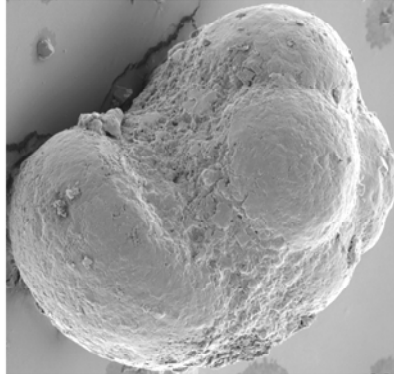
1b



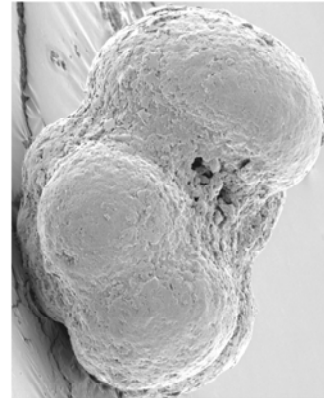
2a



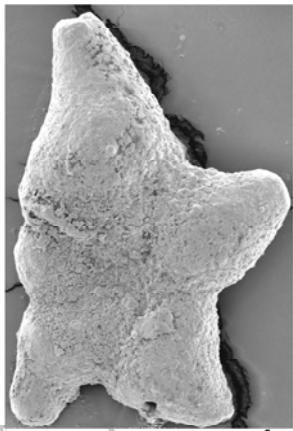
3a



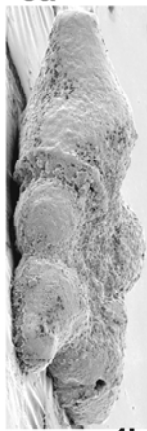
3b



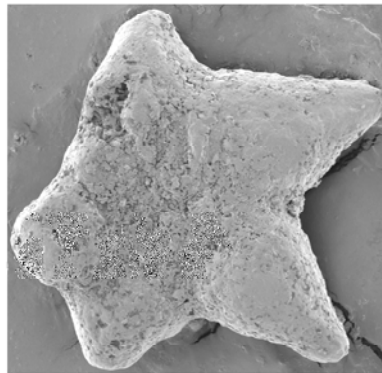
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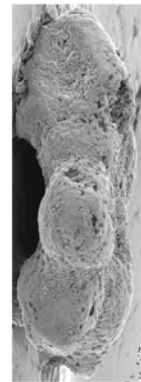
4a



4b



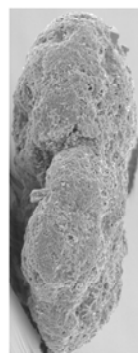
5a



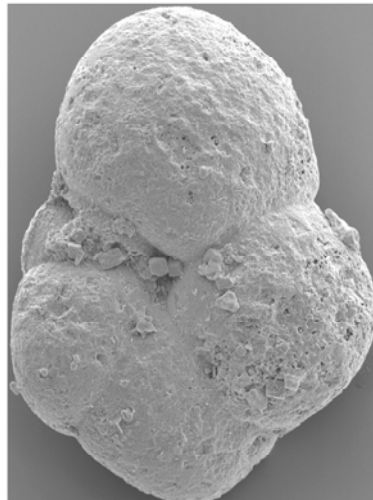
5b



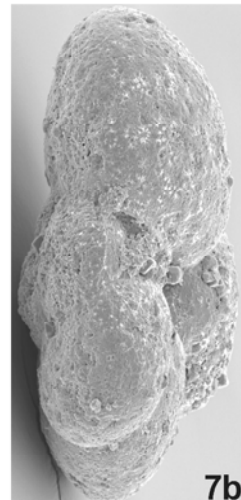
6a



6b



7a



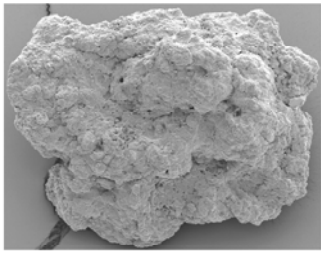
7b

Tafel 22

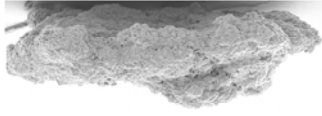
Alle Objekte ca. 75x, Nordsomalia.

- Fig. 1: *Planorbulina?* sp. – Profil Tisje, Probe Tis37, unteres Paleozän.
O.Nr. TUB-SFO 51; a: Spiralansicht; b: Lateralansicht.
- Fig. 2, 3: *Quadriforminella* sp. aff. *Q. permira* VETROVA, 1975 - Profil Tisje, Probe Tis37, unteres Paleozän.
2: O.Nr. TUB-SFO 54; a: Spiralansicht; b: Lateralansicht. 3: O.Nr. TUB-SFO 55; a: Umbilikalansicht; b: Lateralansicht.
- Fig. 4, 5: *Valvalabamina* sp. 1 – Profil Tisje, Probe Tis2, Campan.
4: O.Nr. TUB-SFO 67, Spiralansicht. 5: O.Nr. TUB-SFO 65; a: Umbilikalansicht; b: Lateralansicht.
- Fig. 6-9: *Valvalabamina* sp. 2 - Profil Tisje, Probe Tis37, unteres Paleozän.
6: O.Nr. TUB-SFO 22; a: Spiralansicht; b: Lateralansicht. 7: O.Nr. TUB-SFO 23, Spiralansicht. 8: O.Nr. TUB-SFO 24; a: Umbilikalansicht; b: Lateralansicht. 9: O.Nr. TUB-SFO 25; a: Umbilikalansicht; b: Lateralansicht.
- Fig. 10, 14-16: *Valvalabamina* sp. 3 - Profil Tisje, Probe Tis37, unteres Paleozän.
10: O.Nr. TUB-SFO 27; a: Spiralansicht; b: Lateralansicht. 14: O.Nr. TUB-SFO 26; a: Spiralansicht; b: Lateralansicht. 15: O.Nr. TUB-SFO 29, Umbilikalansicht. 16: O.Nr. TUB-SFO 30, Umbilikalansicht.
- Fig. 11, 12: *Globorotalites* sp. – Profil Dhadhabo, Probe Dha26, unteres Oberapt.
11: O.Nr. TUB-SFU 92, Spiralansicht. 12: O.Nr. TUB-SFU 91; a: Umbilikalansicht; b: Lateralansicht.
- Fig. 13, 17: *Charltonina madrugensis* (CUSHMAN und BERMUDEZ, 1948) - Profil Tisje, Probe Tis37, unteres Paleozän.
13: O.Nr. TUB-SFO 35; a: Spiralansicht; b: Lateralansicht. 17: O.Nr. TUB-SFO 39, Lateralansicht.

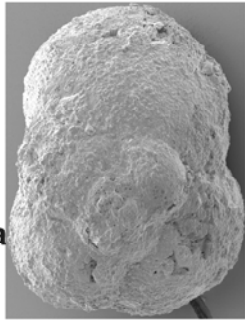
Tafel 22



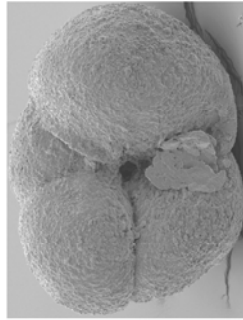
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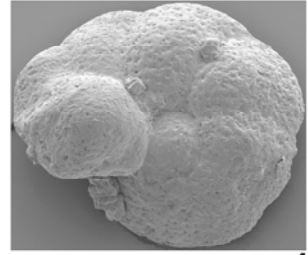
1b



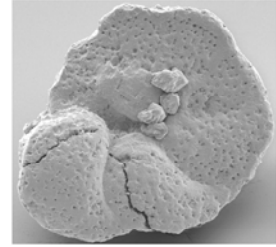
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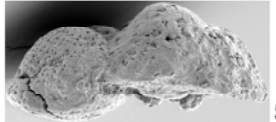
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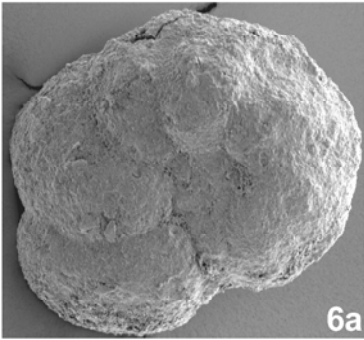
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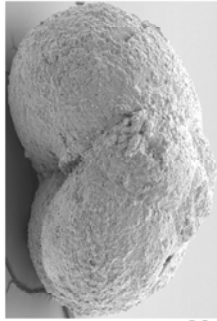
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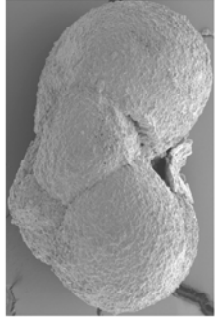
5b



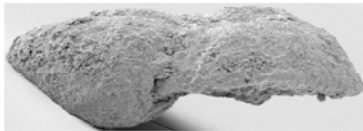
6a



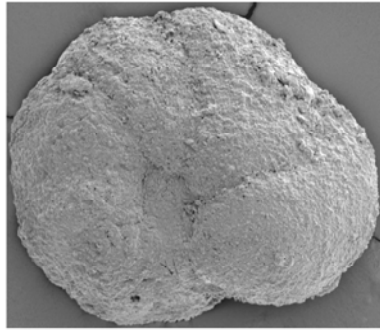
2b



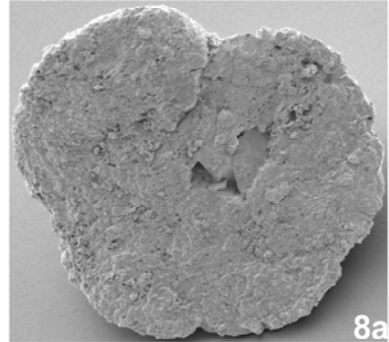
3b



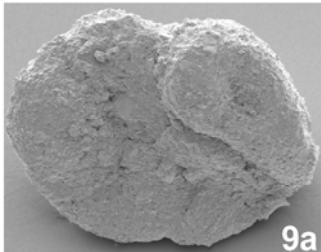
6b



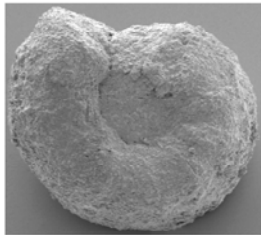
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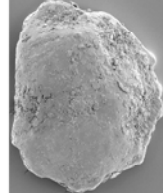
8a



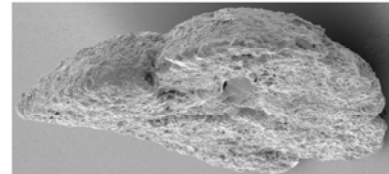
9a



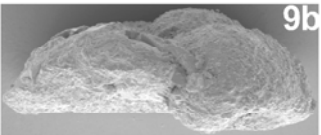
10a



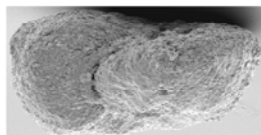
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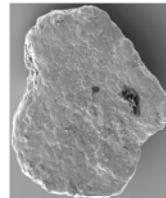
8b



9b



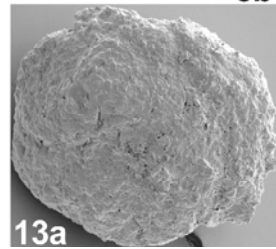
10b



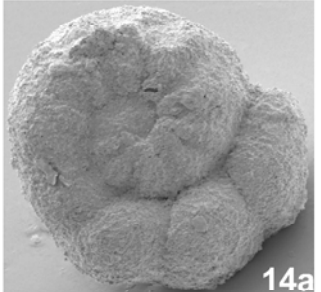
12a



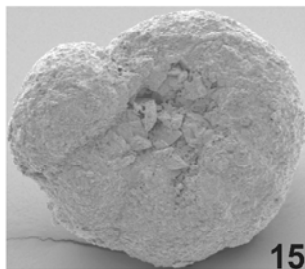
12b



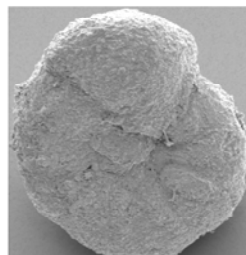
13a



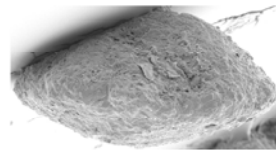
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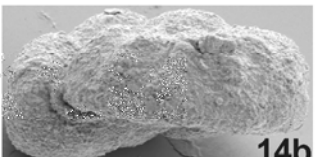
15



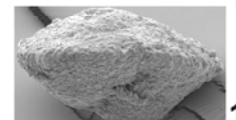
16



13b



14b



17

Tafel 23

Alle Objekte ca. 75x, Nordsomalia.

Fig. 1-5: *Charltonina madrugensis* (CUSHMAN und BERMUDEZ, 1948) - Profil Tisje, Probe Tis37, unteres Paleozän.

1: O.Nr. TUB-SFO 32, Umbilikalansicht. 2: O.Nr. TUB-SFO 34; a: Spiralansicht; b: Lateralansicht. 3: O.Nr. TUB-SFO 36; a: Umbilikalansicht; b: Lateralansicht. 4, 5: vermutete Juvenarien. 4: O.Nr. TUB-SFO 47; a: Spiralansicht; b: Lateralansicht. 5: O.Nr. TUB-SFO 46; a: Umbilikalansicht; b: Lateralansicht.

Fig. 6-8: ?*Anomalinoides* sp.2- Profil Tisje, Probe Tis37, unteres Paleozän.

6: O.Nr. TUB-SFO 49, Juvenarium, Spiralansicht. 7: O.Nr. TUB-SFO 17; a: Umbilikalansicht; b: Lateralansicht.. 8: O.Nr. TUB-SFO 18, Spiralansicht.

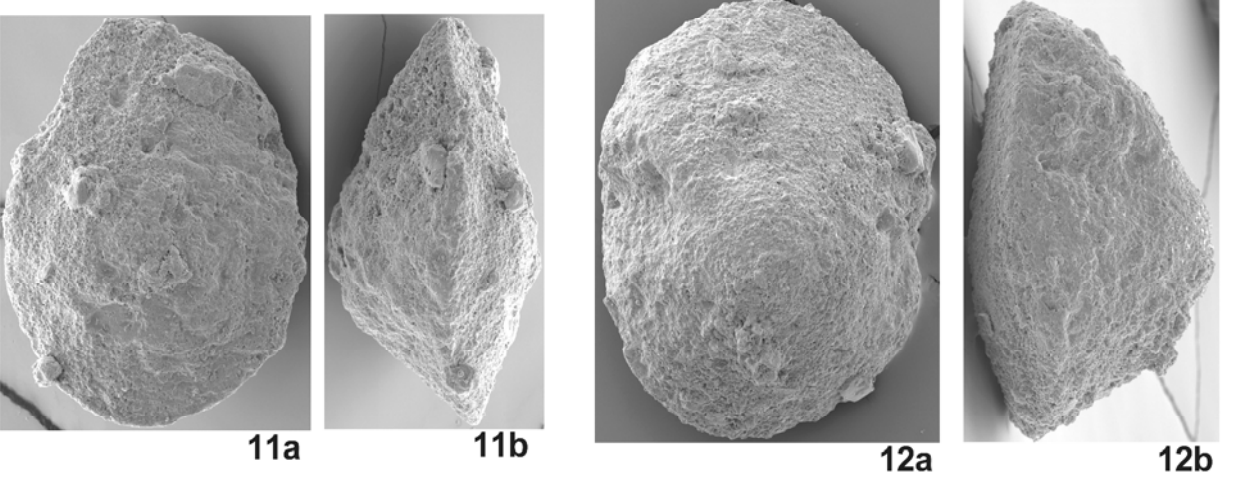
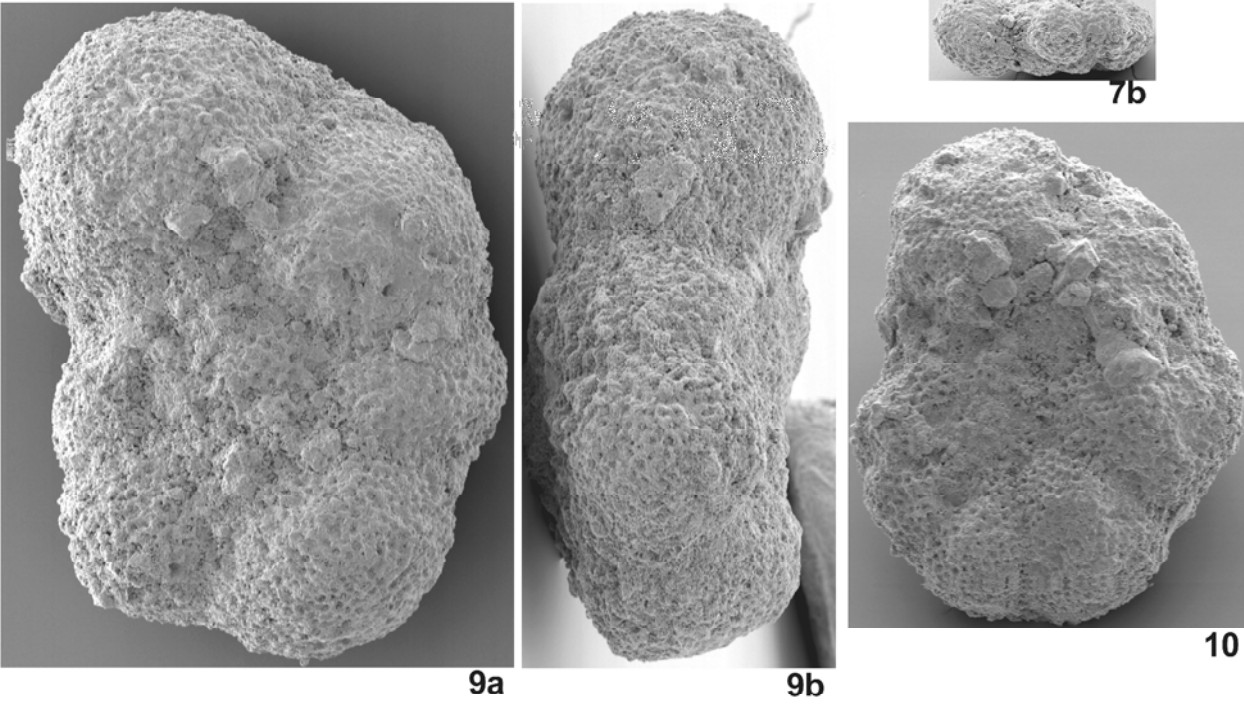
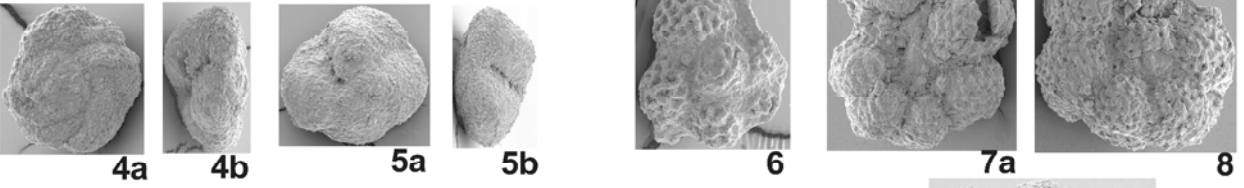
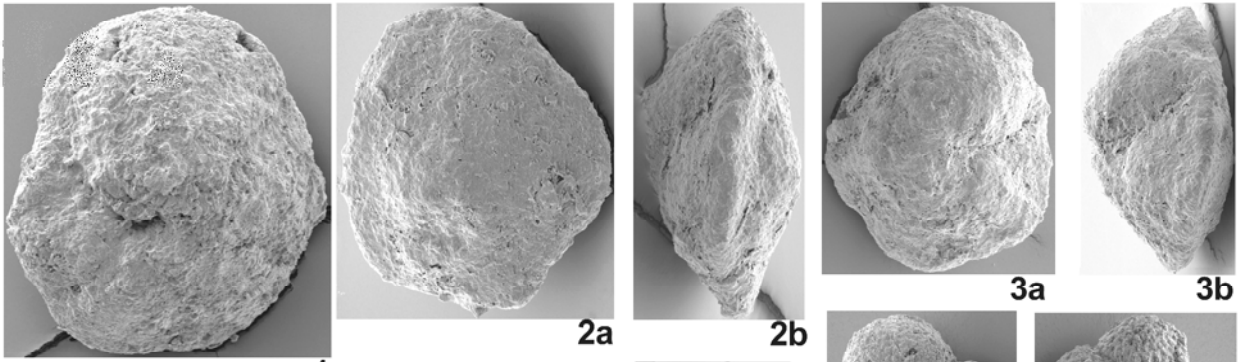
Fig. 9, 10: ?*Anomalinoides* sp.1 - Profil Tisje, Probe Tis13, Maastricht.

9: O.Nr. TUB-SFO 86; a: Umbilikalansicht; b: Lateralansicht. 10: O.Nr. TUB-SFO 87, Spiral-ansicht.

Fig. 11, 12: ?*Paralabamina* sp. - Profil Tisje, Probe Tis13, Maastricht.

11: O.Nr. TUB-SFO 95; a: Spiralansicht; b: Lateralansicht. 12: O.Nr. TUB-SFO 96; a: Umbilikalansicht; b: Lateralansicht.

Tafel 23



Tafel 24

Alle Objekte ca. 25x (Fig. 1b; 11b: siehe Maßstab), Nordsomalia.

Fig. 1-7: *Orbitoides tissoti* SCHLUMBERGER sensu NEUMANN; 1987 – Profil Tisje, Campan.

1: Probe Tis2; O.Nr. TUB-SFO 75; a: Aufsicht; b: Detailausschnitt der gleichen Aufsicht.

2, 3: Probe Tis 5; O.Nr. TUB-SFO Tis5/6/1, Axialschnitt. 3: O.Nr. TUB-SFO Tis5/13/1, schiefer Axialschnitt.

4, 7: Probe Tis 6; 4: O.Nr. TUB-SFO Tis6/5/2: Subäquatorialschnitt. 7: O.Nr. TUB-SFO Tis6/1/1, Axialschnitt.

5, 6: Probe Tis4: 5: O.Nr. TUB-SFO Tis4/1/1, Axialschnitt. 6: O.Nr. TUB-SFO Tis4/8/1, Axialschnitt.

Fig. 8-10: *Orbitoides* sp. aff. *Orbitoides* gr. *apiculata* (SCHLUMBERGER, 1902) – Profil Tisje, Maastricht.

8-10: Axialschnitte.

8: Probe Tis10, O.Nr. TUB-SFO Tis10/1/1.

9, 10: Probe Tis9: 9: O.Nr. TUB-SFO Tis9/6/2. 10: O.Nr. TUB-SFO Tis9/2/1.

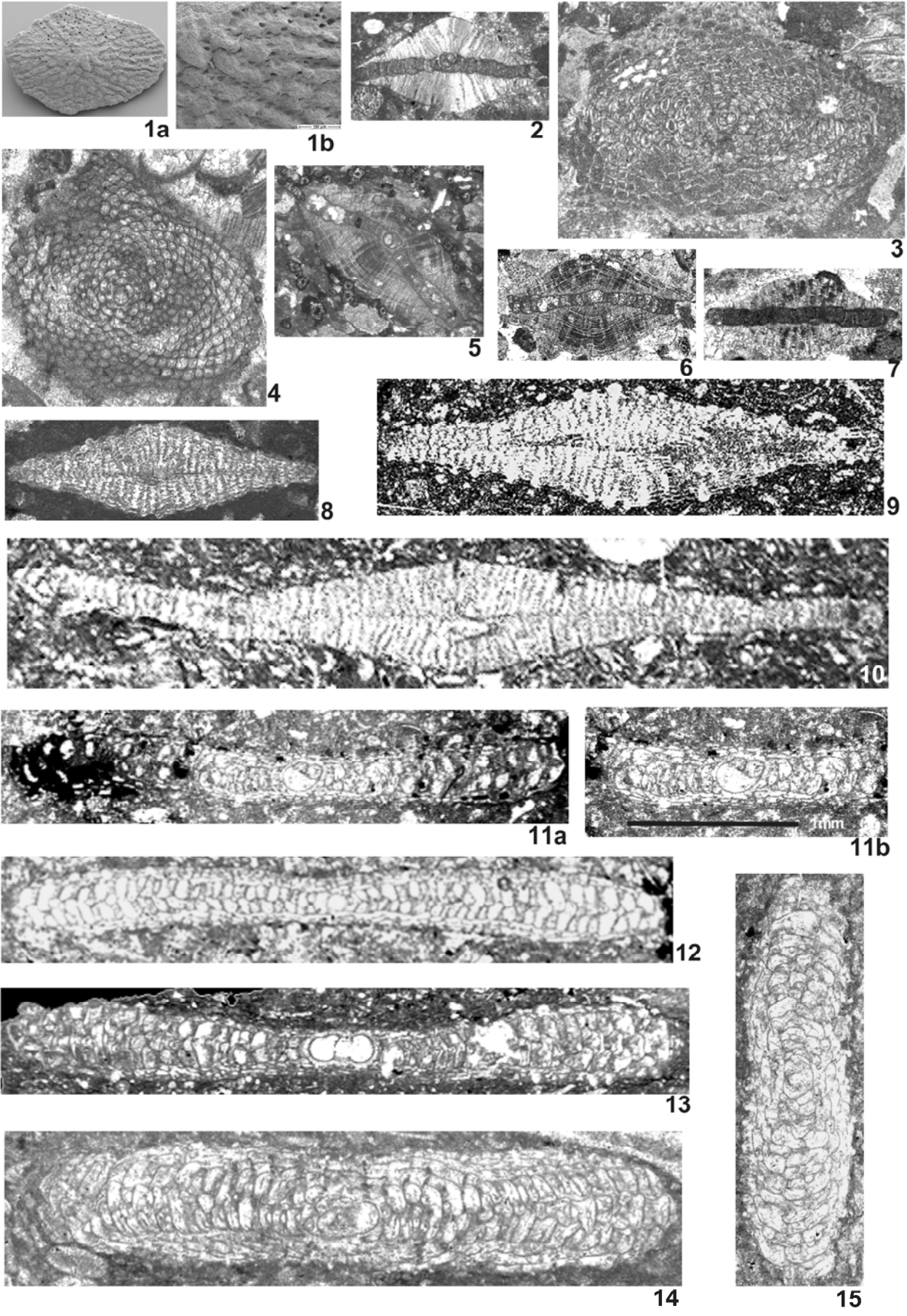
Fig. 11-15: *Pseudomphalocyclus blumenthali* MERIC, 1980 - Maastricht.

11-13: Profil Tisje, Axialschnitte. 11-13: Probe Tis 9. 11: O..Nr. TUB-SFO Tis9/5/2; a: Vollansicht des Exemplars; b: Detailansicht des Zentralteils des gleichen Exemplars.

12: O .Nr. TUB-SFO Tis9/2/2. 13: O. Nr. TUB-SFO Tis9/3/2.

14, 15: Profil Galgalo, Probe Gal9. 14: O .Nr. TUB-SFO Gal9/2/2. 15: O .Nr. TUB-SFO Gal9/2/1.

Tafel 24



Tafel 25

Alle Objekte ca. 25x, Nordsomalia.

Fig. 1-3: *Pseudomphalocyclus blumenthali* MERIC, 1980 - Maastricht.

Fig. 1, 3: Profil Tisje.

1: Probe Tis19; O.Nr. TUB-SFO Tis19/1/1, Subäquatorialschnitt. 3: Probe Tis18, O.Nr. TUB-SFO Tis18/4/1; marginaler Axialschnitt.

2: Profil Galgalo, Probe Gal9, O.Nr. TUB-SFO Gal9/1/1, Subaxialschnitt.

Fig. 4-8: *Omphalocyclus macroporus* (LAMARCK, 1816) – Maastricht.

Fig. 4, 6-8: Profil Tisje.

Fig. 4, 7: Axialschnitte. Fig. 4, 7: Probe Tis9. 4: O .Nr. TUB-SFO Tis9/1/2. Fig. 7: O .Nr. TUB-SFO Tis9/2/1.

Fig. 6: Probe Tis 19, O .Nr. TUB-SFO Tis19/7/1, Subäquatorialschnitt.

Fig. 8: Probe Tis20, O .Nr. TUB-SFO Tis 20/2/1, marginaler Axialschnitt.

Fig. 5: Profil Galgalo, Probe Gal9, O. Nr. TUB-SFO Gal9/5/1, Subäquatorialschnitt.

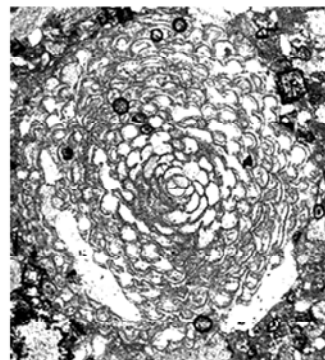
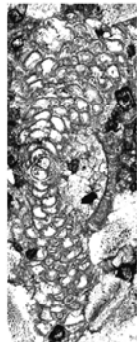
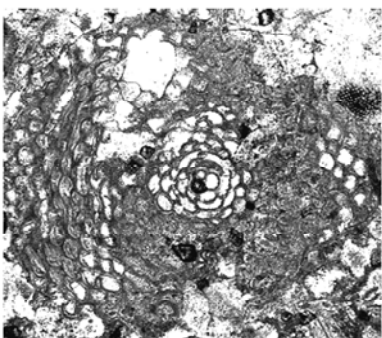
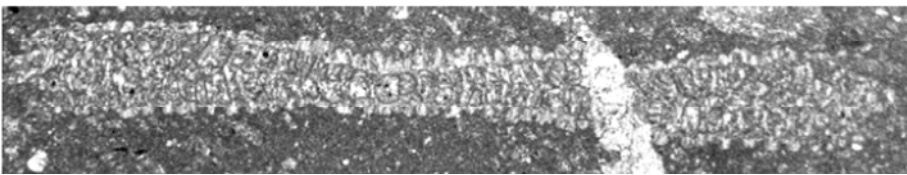
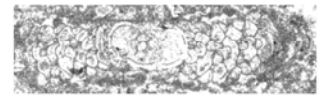
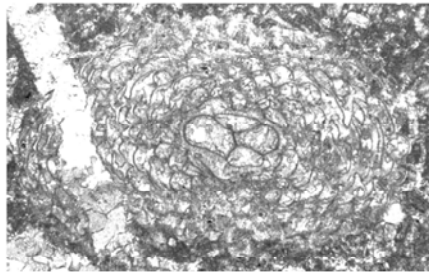
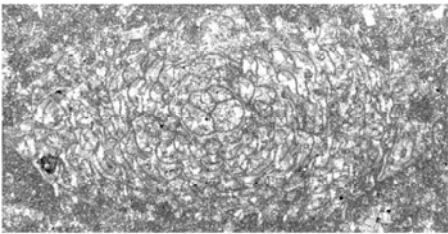
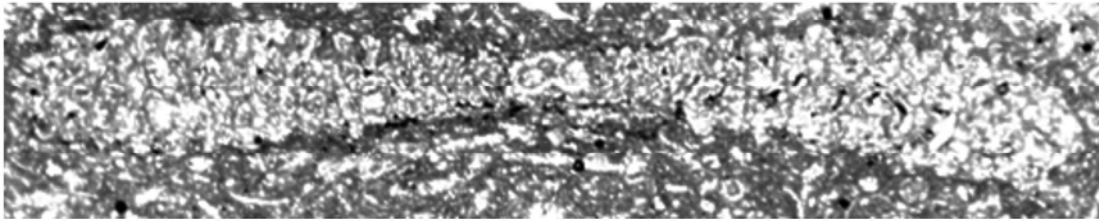
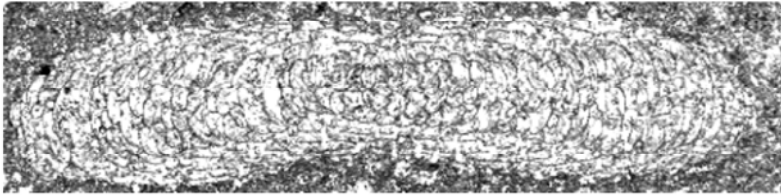
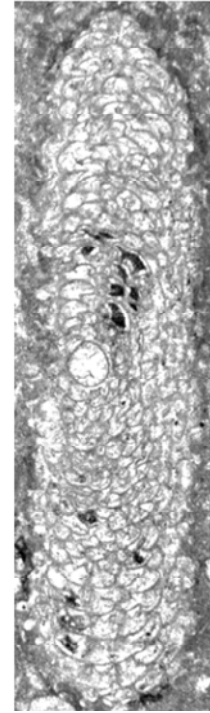
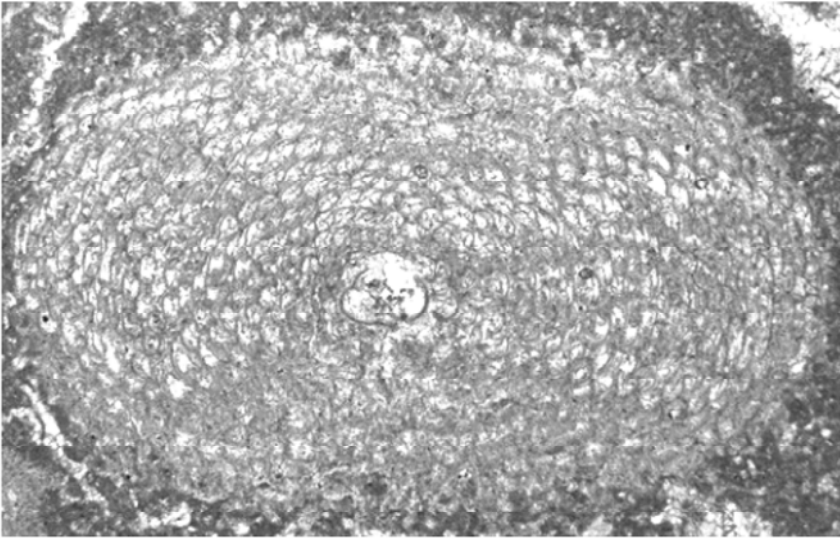
Fig. 9-12: *Hellenocyclina? dordoniensis somalica* n. ssp. – Profil Tisje, Campan.

9-11: Probe Tis4.

9: Holotyp. O. Nr. TUB-SFO Tis4/4/1, Äquatorialschnitt. 10: O. Nr. TUB-SFO Tis4/7/2, Axial-schnitt. 11: O. Nr. TUB-SFO Tis4/7/1, Äquatorialschnitt.

12: Probe Tis7, O. Nr. TUB-SFO Tis7/6/1, Axialschnitt.

Tafel 25

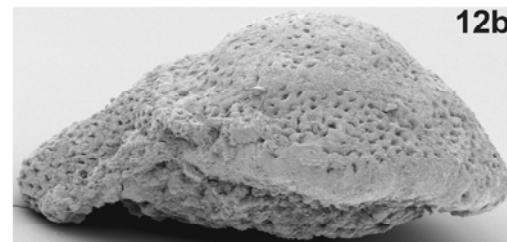
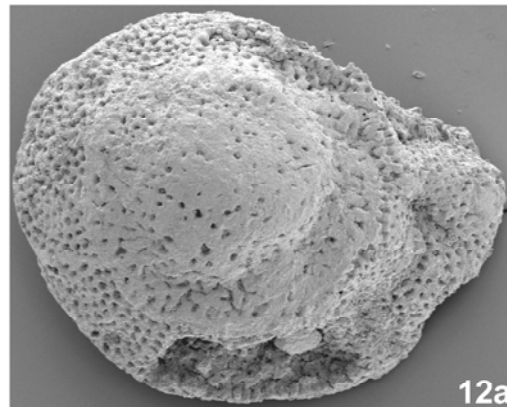
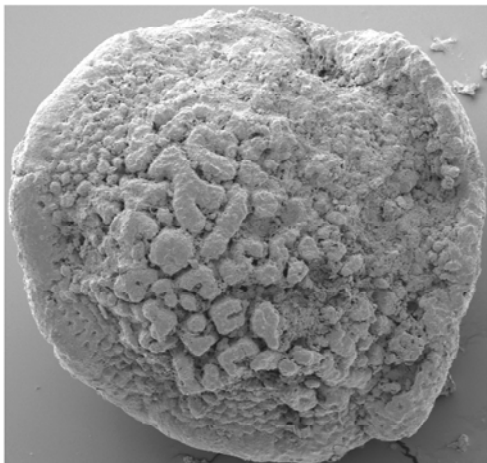
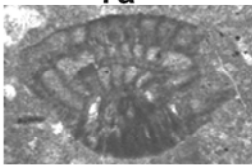
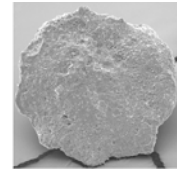
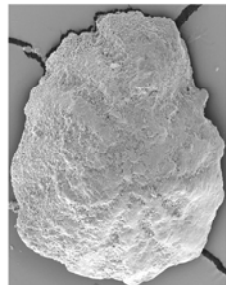
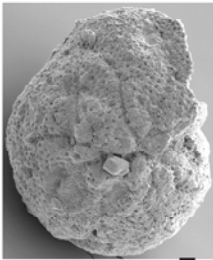
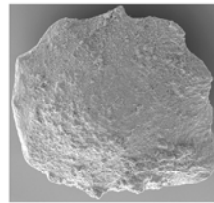
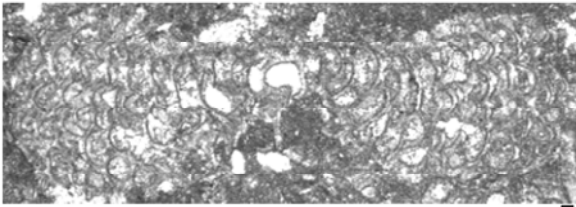
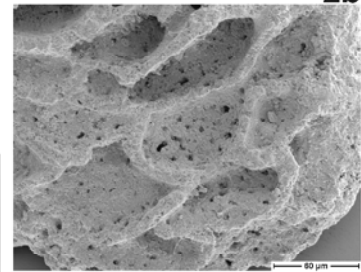
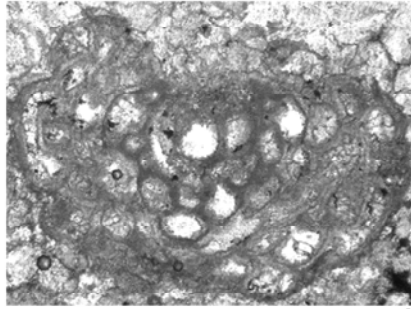
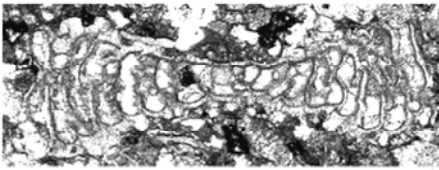
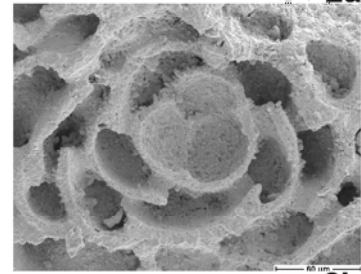
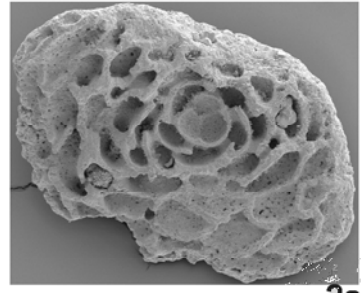
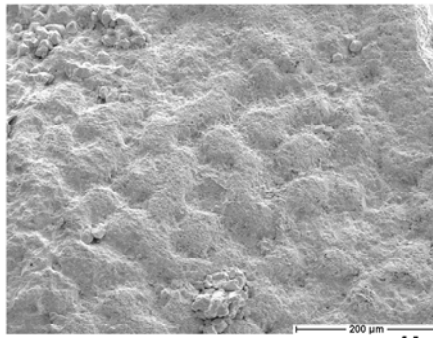


Tafel 26

Alle Objekte ca. 40x (bei Detailvergrößerungen siehe Maßstab), Nordsomalia.

- Fig. 1, 2, 4: *Hellenocyclina? dordoniensis* (HOFKER Sr., 1959) s.s – Profil Tisje.
 Fig. 1, 2: Campan.
 Fig. 1, 2: Probe Tis2. Fig.1: O. .Nr. TUB-SFO 76. 1a: Aufsicht auf ein leicht beschädigtes Exemplar. 1b: Detailansicht der Oberfläche des gleichen Exemplars. 2: O .Nr. TUB-SFO 74. 2a: Äquatorialansicht eines beschädigten Exemplars. 2b: Detailansicht des Embryonalapparates des gleichen Exemplars. 2c: Detailansicht der perforaten Lateralkammern des gleichen Exemplars.
 Fig. 4: Maastricht, Probe Tis24. O. .Nr. TUB-SFO Tis24/1/1, schiefe Schnittlage durch Embryonalapparat.
- Fig. 3, 5: *Hellenocyclina? dordoniensis somalica* n. ssp. – Profil Tisje, Campan.
 Fig. 3: Probe Tis4. O. Nr. TUB-SFO Tis4/8/2, Axialschnitt.
 Fig. 4: Probe Tis5. O. .Nr. TUB-SFO Tis5/13/2, Axialschnitt.
- Fig. 6, 8, 9: *Pararotalia* sp. – Profil Biyo Kulule, Probe BKu19, Maastricht.
 Fig. 6: O. Nr. TUB-SFO 91. 6a: Spiralansicht; 6b: Lateralansicht. 8: O. .Nr. TUB-SFO 93, Umbilikalansicht. 9: O. .Nr. TUB-SFO 92, Spiralansicht.
- Fig. 7: *Fissoelphidium* sp. – Profil Tisje, Probe Tis13, Maastricht.
 O. Nr. TUB-SFO 109. 7a: Seitenansicht; b: Frontalaufsicht auf letzte erhaltene Kammer.
- Fig. 10: *Laffitteina* aff. *jaskii* RAHAGHI, 1992 – Profil Tisje, Probe Tis11, Maastricht.
 O. Nr. TUB-SFO Tis11/5/2, leicht schiefer Axialschnitt.
- Fig. 11, 12: *Lockhartia diversa* SMOUT, 1954 – Profil Tisje, Probe Tis37, unteres Paleozän.
 11: O. Nr. TUB-SFO 1, Umbilikalansicht. 12: O. Nr. TUB-SFO 2. 12a: Spiralansicht; b: Lateral-ansicht dieses niedrigkonischen Exemplars.

Tafel 26

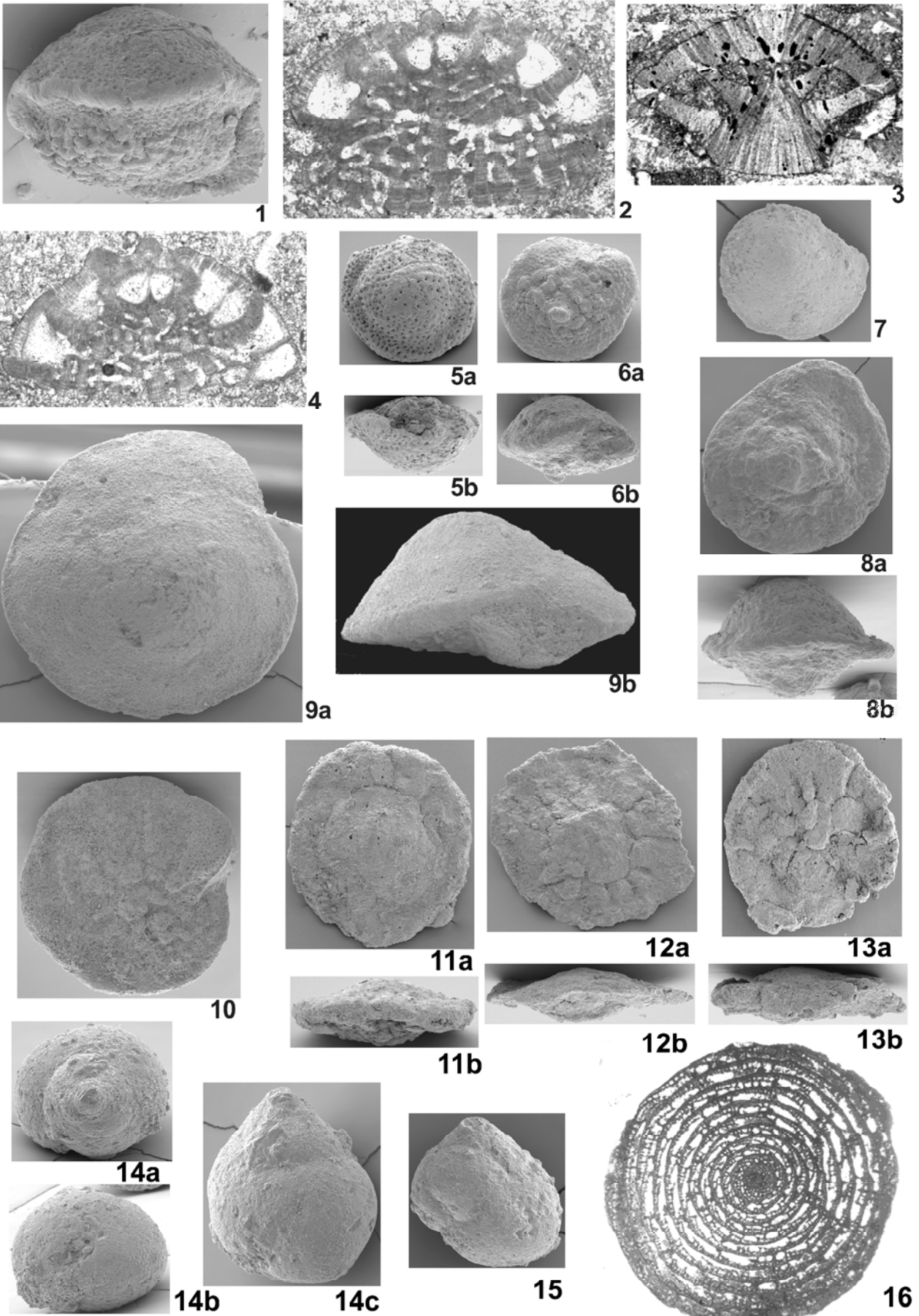


Tafel 27

Fig. 1-10 30x, Fig. 11-15 ca. 40x; Fig. 16 ca. x5, Nordsomalia.

- Fig. 1, 2, 4-6: *Lockhartia diversa* SMOUT, 1954 – unteres Paleozän.
 1, 5, 6: Profil Tisje, Probe Tis 37.
 1: O. Nr. TUB-SFO 1, Lateralansicht eines hochkonischen Exemplars. 5, 6: Juvenarien. 5: O. Nr. TUB-SFO 4. 5a: Spiralansicht; b: Lateralansicht. 6: O. Nr. TUB-SFO 5. 6a: Umbilikalansicht; b: Lateralansicht.
 2, 4: Profil Galgalo, Probe Gal17. 2: O. Nr. TUB-SFO Gal17/2/2, angeschrägter(?) Subaxialschnitt. 4: O. Nr. TUB-SFO Gal17/2/1, Axialschnitt.
- Fig. 3, 7, 8: *Rotalia skourensis* PFENDER, 1938 – Profil Tisje, Campan.
 3: Probe Tis1, O. Nr. TUB-SFO Tis1/5/1, Axialschnitt.
 7, 8: Probe Tis 2. 7: O. Nr. TUB-SFO 81, Spiralansicht. 8: O. Nr. TUB-SFO 80. 8a: Umbilikalansicht; b: Lateralansicht.
- Fig. 9, 10: *Rotalia trochidiformis* (LAMARCK, 1804) – Profil Tisje, Probe Tis 17, Maastricht.
 9: O. Nr. TUB-SFO 79. 9a: Spiralansicht; b: Lateralansicht. 10: O. Nr. TUB-SFO 77, Umbilikalansicht.
- Fig. 11-13: *Rotalia cf. dukhani* SMOUT, 1954 – Profil Tisje, Probe Tis37, unteres Paleozän.
 11: O. Nr. TUB-SFO 11. 11a: Spiralansicht; b: Lateralansicht. 12: O. Nr. TUB-SFO 12. 12a: Umbilikalansicht; b: Lateralansicht. 13: O. Nr. TUB-SFO 10. 10a: Umbilikalansicht; b: Lateralansicht.
- Fig. 14, 15: *Arenobulimina* sp. – Profil Tisje, Probe Tis13, Maastricht.
 14: O. Nr. TUB-SFO 103. 14a: Proximalansicht; b: Distalansicht; c: Lateralansicht. 15: O. Nr. TUB-SFO 102, Lateralansicht.
- Fig. 16: *Loftusia elongata* COX, 1937 sensu MERIC und GÖRMÜS (2001) – Profil Biyo Kulule, Probe BKu 17, Maastricht.
 O. Nr. TUB-SFO BKu17/2, Äquatorialschnitt einer isolierten mikrosphärischen Form.

Tafel 27

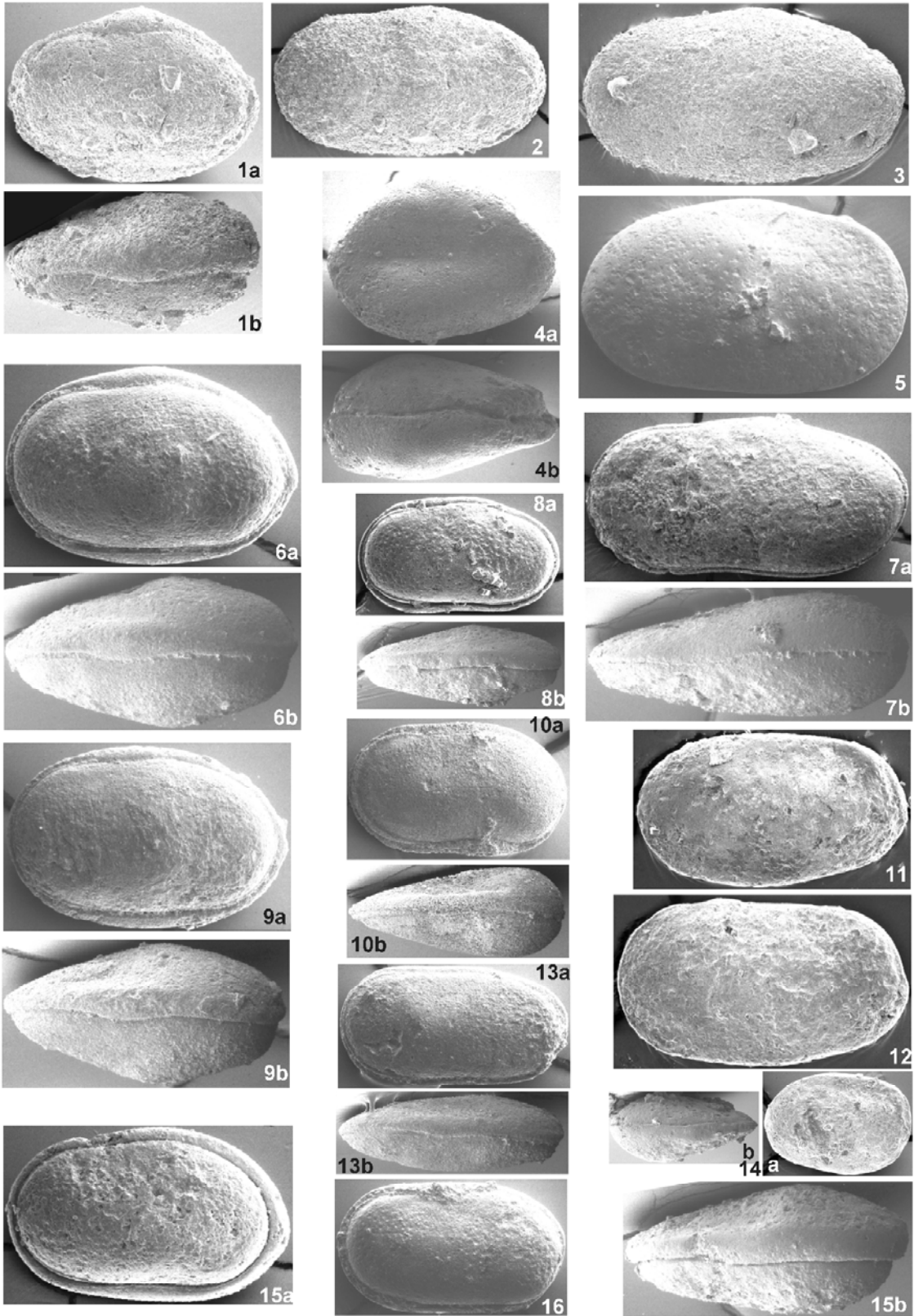


Tafel 28

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1-3: *Cytherella aegyptiensis* COLIN und DAKKAK, 1975; Profil Manna'a, Probe Man68; unteres Cenoman.
 1: O.Nr. TUB-SOU 195, W, L: 0,86 mm, 1a: GL; 1b: GD. 2: O.Nr. TUB-SOU 192, WLK, L: 0,92 mm. 3: O.Nr. TUB-SOU 193, MLK, L: 1.09 mm.
- Fig 4: *Cytherella gigantosulcata* ROSENFELD, 1981; Profil Manna'a, Probe Man68; unteres Cenoman.
 O.Nr. TUB-SOU 251, L: 0,78 mm, 4a: GR; 4b: GD.
- Fig. 5, 7, 8: *Cytherella cf. ludbrookae* NEALE, 1975; Profil Tisje, Probe Tis2; Campan.
 5: O.Nr. TUB-SOO 224, WRK, L: 1,09 mm. 7: O.Nr.-TUB-SOO 218, M, L: 1,08 mm, 7a: GL; 7b: GD. 8: O.Nr.-TUB-SOO 225, Juv., L: 0,68 mm, 8a: GL; 8b: GD.
- Fig. 6, 9: *Cytherella cf. truncata* (BOSQUET), 1847 sensu HERRIG (1966); Profil Tisje, Probe Tis17; Maastricht.
 6: O.Nr. TUB-SOO 208, W, L: 0,97 mm, 6a: GL; 6b: GR. 9: O.Nr. TUB-SOO 209, M, L: 0,94 mm, 9a: O.Nr. TUB-SOO GL; 9b: GR.
- Fig. 10, 13, 16: *Cytherella cf. parallela* (REUSS), 1845 sensu HERRIG (1966); Profil Tisje, Probe Tis17; Maastricht.
 10: O.Nr. TUB-SOO 210, W, L: 0,72 mm, 10a: GL; 10b: GD. 13: O.Nr. TUB-SOO 211, M, L: 0,76 mm 13a: GL; 13b: GD. 14: O.Nr. TUB-SOO 212, WGL, L: 0,76 mm.
- Fig. 11, 12, 14: *Cytherella* (?) sp. 3; Profil Tisje, Probe Tis2; Campan.
 11, 12: RK, 11: O.Nr. TUB-SOO 105, L: 0,91 mm. 12: O.Nr. TUB-SOO 104, L: 0,97 mm. 14: O.Nr. TUB-SOO 63, Juv, L: 0,49 mm, 14a: GR; 14b: GD.
- Fig. 15: *Cytherella* sp. aff. *C. truncata* (BOSQUET), 1847 sensu HERRIG (1966); Profil Tisje, Probe Tis2; Campan.
 O.Nr. TUB-SOO 219, L: 0,95 mm, 15a: GL; 15b: GD.

Tafel 28

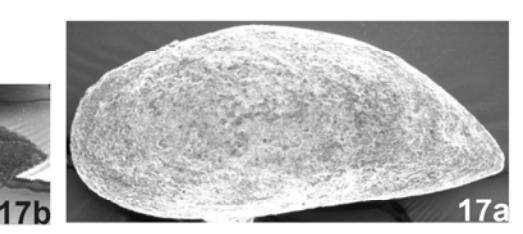
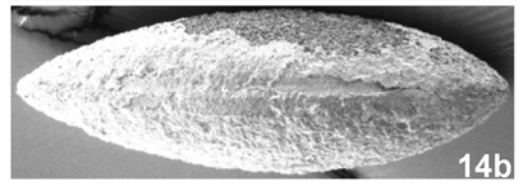
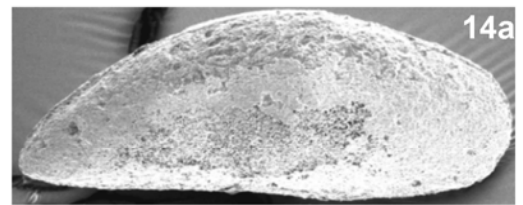
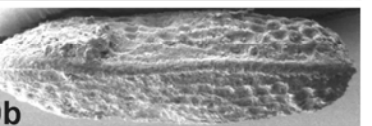
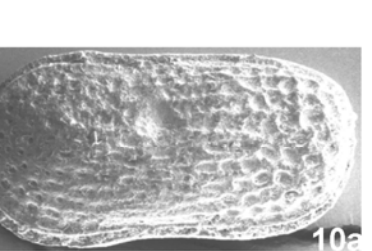
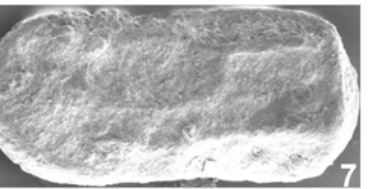
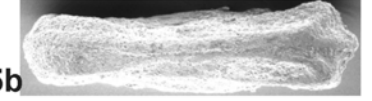
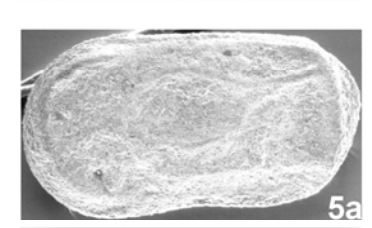
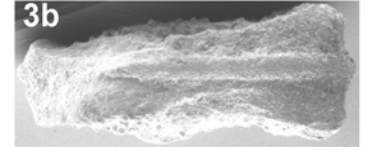
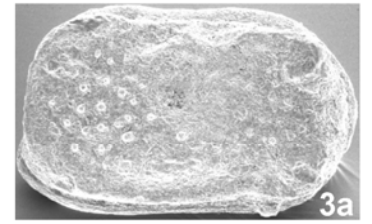
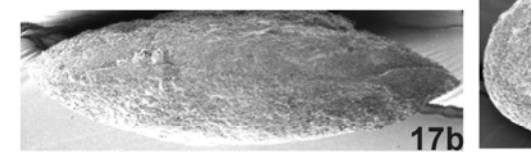
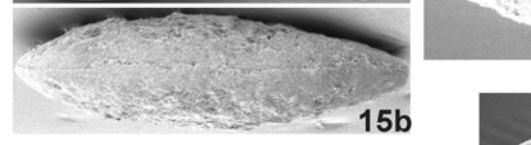
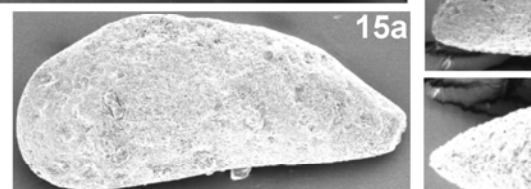
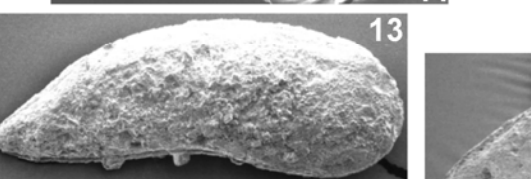
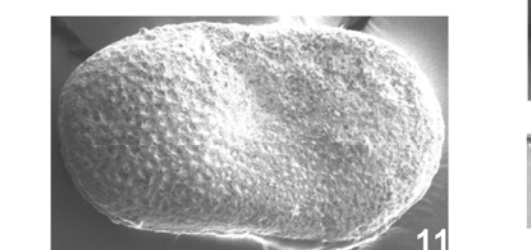
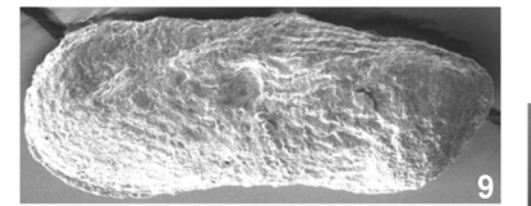
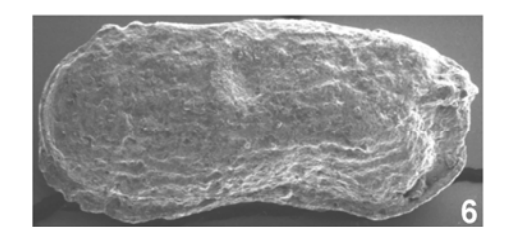
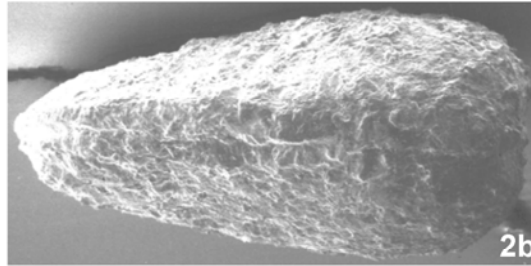
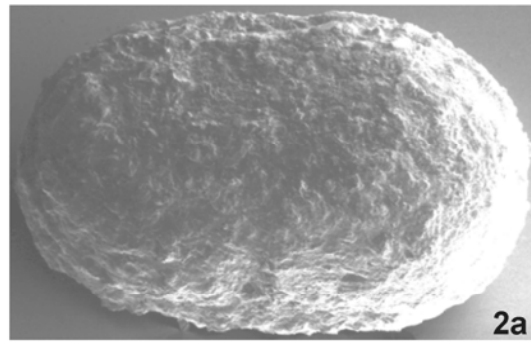
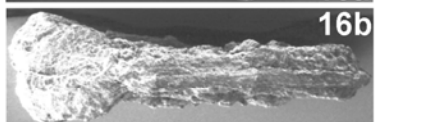
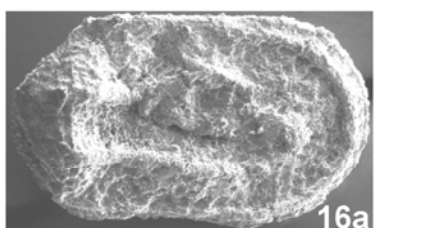
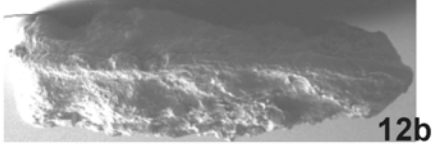
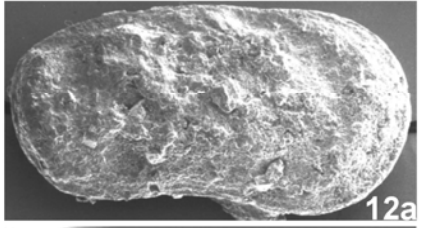
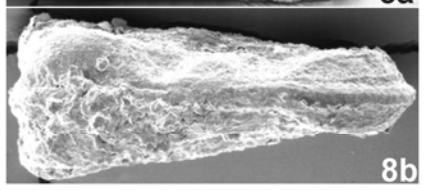
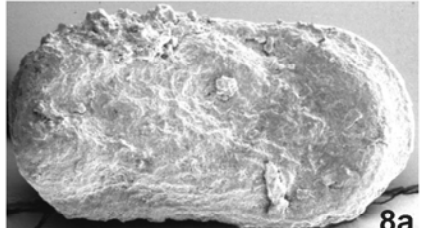
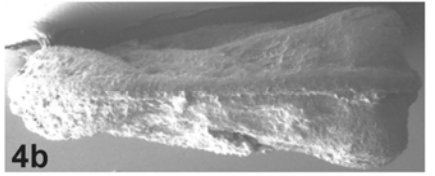
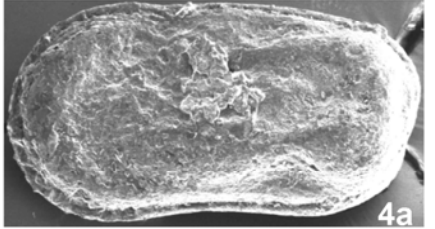
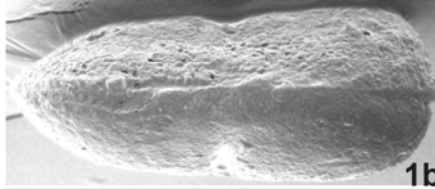
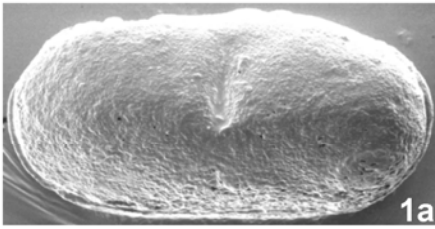


Tafel 29

Alle Objekte ca. 80x, Nordsomalia.

- Fig. 1: *Cytherella* (?) sp.1; Profil Las Koreh, Probe LKo13; Alb.
O.Nr. TUB–SOU 197; L: 0,71mm, 1a: GL; 1b: GD.
- Fig. 2: *Cytherella* sp.2; Profil Tisje, Probe Tis37; unteres Paleozän.
O.Nr. TUB–SOO 264; L: 0.87 mm. 2a: GL; 2b: GD.
- Fig. 3: *Cytherelloidea btaterensis* BISCHOFF, 1964; Profil Las Koreh, Probe LKo22; höheres Alb.
O.Nr. TUB–SOU 188; L: 0,56 (LK anterodorsal –anteromedian defekt). 3a: GL; 3b: GD.
- Fig. 4, 8, 12: *Cytherelloidea tisjehensis* n.sp.; Profil Tisje; Probe Tis2; Campan.
4, 8: WW; 4: Holotyp, O.Nr. TUB–SOO 276, L: 0,68 mm, 4a: GL; 4b: GD. 8: O.Nr. TUB–SOO 57, L: 0,65 mm, 8a: GR; 8b: GD. 12: M, O.Nr. TUB–SOO 275, L: 0,67 mm, 12a: GR; 12b: GD.
- Fig. 5, 7: *Cytherelloidea* cf. *ghabounensis* BISCHOFF, 1964; Profil Xabaal Garure, Probe XGa36; unteres oberes Apt.
5: W, O.Nr. TUB–SOU 190, L: 0,55 mm, 5a: GL; 5b: GD. 7: M, O.Nr. TUB–SOU 189, L: 0,62, GL (Exemplar dorsal beschädigt).
- Fig. 6, 9: *Platella* sp. 2; Profil Tisje, Probe Tis2; Campan.
6: WGL, O.Nr. TUB–SOO 278, L: 0,73 mm. 9: MGL, O.Nr. TUB–SOO 277, L: 0,78 mm (Exemplar abgerollt).
- Fig. 10: *Platella* sp. 1; Profil Biyo Kulule, Probe BKu19; Maastricht.
O.Nr. TUB–SOO 164, L: 0,64 mm, 10a: GL; 10b: GD.
- Fig. 11: *Platella?* cf. *zinensis* (HONIGSTEIN und ROSENFELD), 1986; Profil Biyo Kulule, Probe Nr. Bku19; Maastricht.
O.Nr. TUB–SOO 165, L: 0,64 mm, GR.
- Fig. 13, 15: *Paracypris* cf. *dubertreti* DAMOTTE und SAINT-MARC, 1972; Profil Tisje, Probe Tis2; Campan.
13: MGR, O.Nr. TUB–SOO 20, L: 0,68 mm. 15: W, O.Nr. TUB–SOO 21, L: 0,64 (Hinterende defekt), 15a: GL; 15b: GD.
- Fig. 14, 17: *Paracypris mdaouerensis* BASSOULLET und DAMOTTE, 1969; Alb.
14: M; Profil Xabaal Garure, Probe XGa61a, O.Nr. TUB–SOU 132, L: 0,82 mm, 14a: GR; 14b: GD. 17: W, Profil Las Koreh, Probe LKo14, O.Nr. TUB–SOU 135, L: 0,72 mm, 17a: GL; 17b: GD.
- Fig. 16: *Keijicyoidea* aff. *antekeiji* GUERNET, BIGNOT, COLIN und RANDRIAMANANTENASOA, 2001; Profil Tisje, Probe Tis37; unteres Paleozän.
O.Nr. TUB–SOO–265, L: 0,59 mm, 16a: GR; 16b: GD (Exemplar vor Hinterende verdrückt).

Tafel 29

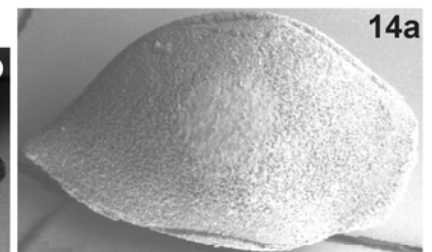
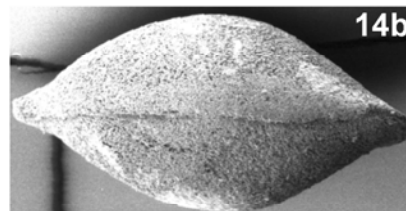
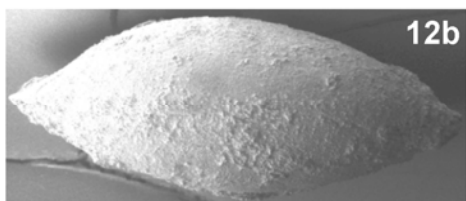
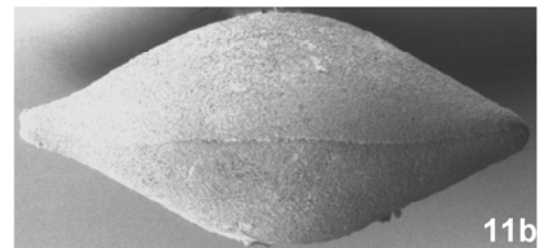
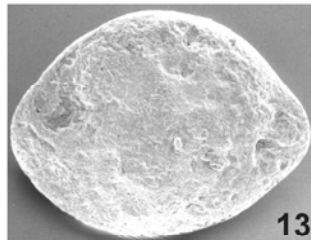
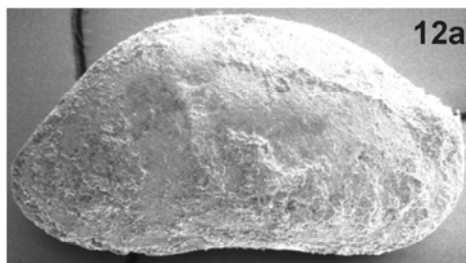
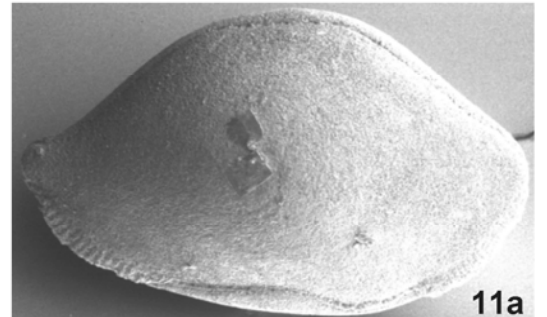
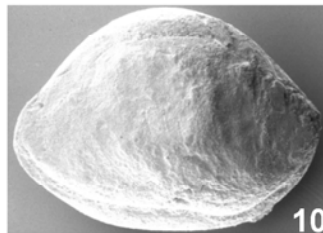
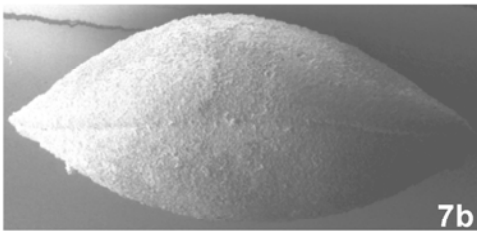
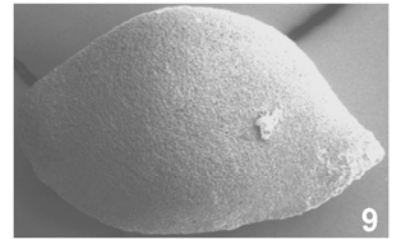
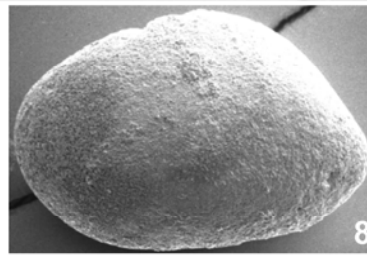
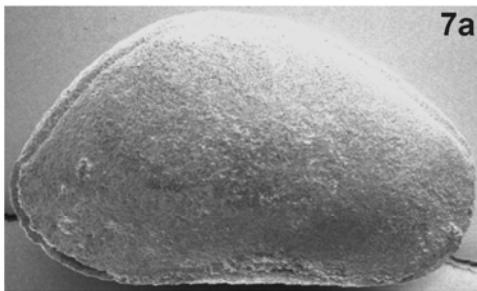
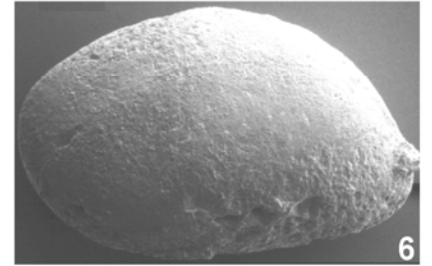
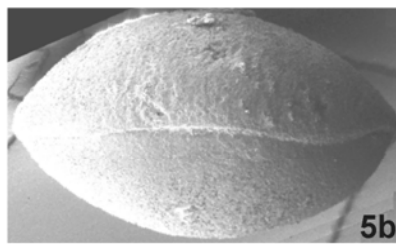
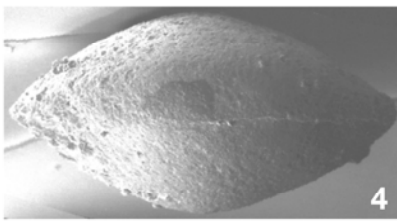
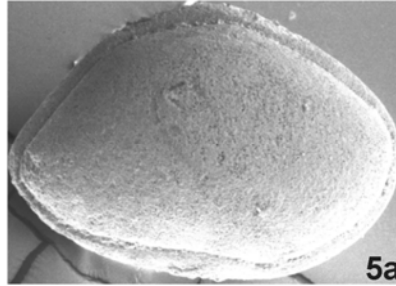
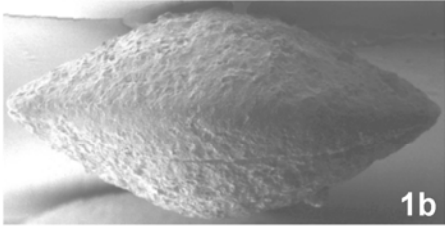
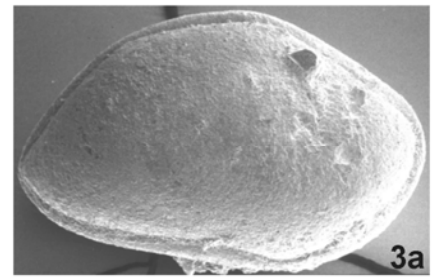
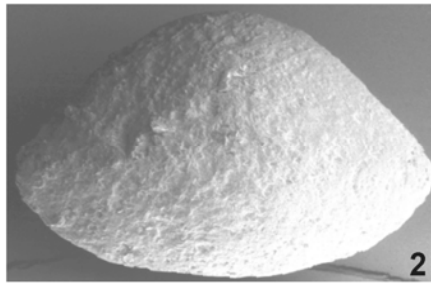
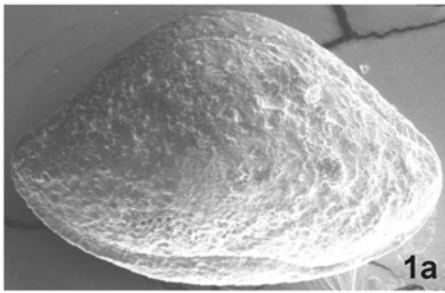


Tafel 30

Alle Objekte ca. 40x, Nordsomalia.

- Fig. 1, 2, 4: *Bairdia* IR C 19 GROSDIDIER, 1973; Profil Tisje, Probe Tis2; Campan.
 1: O.Nr. TUB-SOO 194, L: 1,43 mm, 1a: GR; 1b: GD. 2: O.Nr. TUB-SOO 193, L: 1,4 mm, GL. 4: O.Nr. TUB-SOO 192, L: 1,29 mm, GD (diese Wiederholung der Dorsalansicht soll den extrem stark ausgebildeten Übergriff der LK auf die RK bei dieser Art verdeutlichen).
- Fig. 3, 5, 6, 8: *Bairdia* sp. 1; Profil Tisje; Maastricht.
 3, 6: Probe Tis13; 3: O.Nr. TUB-SOO 196, L: 1,35 mm, 3a: GR; 3b: GD. 6: O.Nr. TUB-SOO 197, L: 1,31 mm, GL.
 5, 8: Probe Tis17; 5: O.Nr. TUB-SOO 202, L: 1,28 mm, 5a: GR; 5b: GD. 8: O.Nr. TUB-SOO 203, L: 1,18 mm, GL.
- Fig. 7, 12: *Bairdia?* sp.; Maastricht.
 7: Profil Tisje, Probe Tis17, O.Nr. TUB-SOO 205, L: 1,55 mm, 7a: GR; 7b: GL.
 12: Profil Biyo Kulule, Probe BKu19, O.Nr. TUB-SOO 206, L: 1,50 mm, 12a: GR; 12b: GD.
- Fig. 9, 11, 14: *Bairdopillata?* sp.; Profil Tisje, Probe Tis17; Maastricht.
 9: O.Nr. TUB-SOO 200, L: 1,21 mm, GL. 11: O.Nr. TUB-SOO 201, L: 1,70 mm, 11a: GR; 11b: GD. 14: O.Nr. TUB-SOO 198, L: 1,32 mm, 14a: GR; 14b: GD.
- Fig. 10, 13: *Bairdia* cf. IR B 35 GROSDIDIER, 1973; Profil Togga Mareer, Probe TGM22; höheres Alb.
 10: O.Nr. TUB-SOU 186, L: 1,04 mm, GR. 13: O.Nr. TUB-SOU 185, L: 0,98 mm, LK.

Tafel 30



Tafel 31

Alle Objekte ca. 60x, Nordsomalia.

Fig. 1: *Bythocypris* sp. A; Profil Tisje, Probe Tis 17; Maastricht.
O.Nr. TUB-SOO 137, L: 1,17 mm, 1a: GR; 1b: GD.

Fig. 2: „*Bythocypris*“? sp.; Profil Tisje, Probe Tis13; Maastricht.
O.Nr. TUB-SOO 136, L: 1,60 mm. 2a: GR; 2b: GD.

Fig. 3: *Bythocypris* sp. aff. *B. sp. 2* ROSENFELD und RAAB 1974; Profil Xabaal Garure,
Probe XGa40; unteres oberes Apt.
O.Nr. TUB-SOU 122, L: 0,50 mm, 3a: GR, 3b: GD.

Fig. 4: *Bythocypris*? aff. *symmetrica* MAJORAN, 1989; Profil Xabaal Garure, Probe
XGa63a; unteres Alb.
O.Nr. TUB-SOU 120, L: 1,00 mm, 4a: GR; 4b: GD.

Fig. 5, 6: *Eucypris*? sp.; Profil Xabaal Garure, Probe S8873J; basales unteres Apt
(„somalischer Wealden“).
5: GL, O.Nr. TUB-SOU 263x, L: 0,45 mm. 6: O.Nr. TUB-SOU 264, L: 0,51 mm, 6a:
GR; 6b: GD.

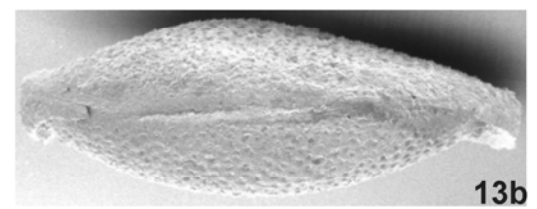
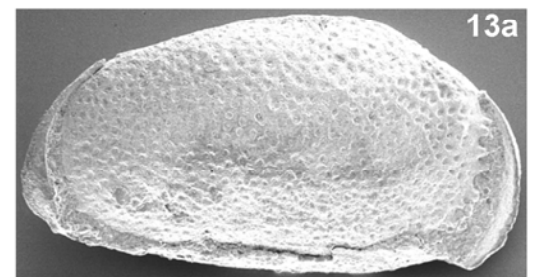
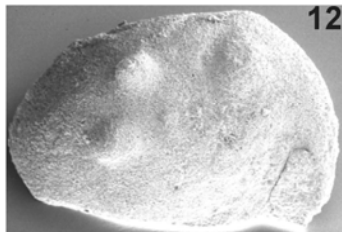
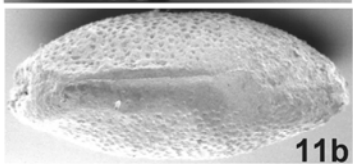
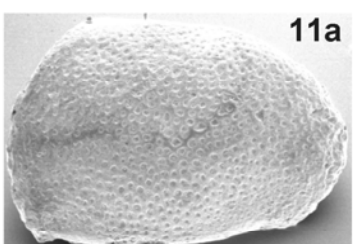
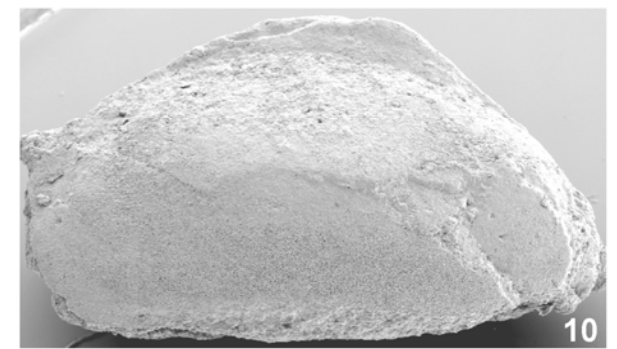
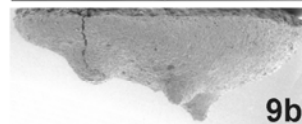
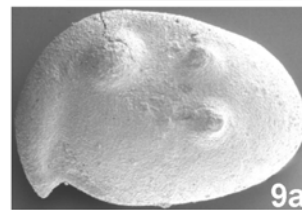
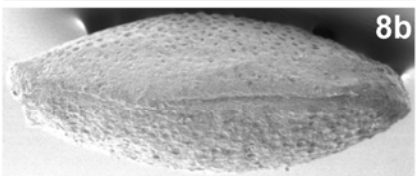
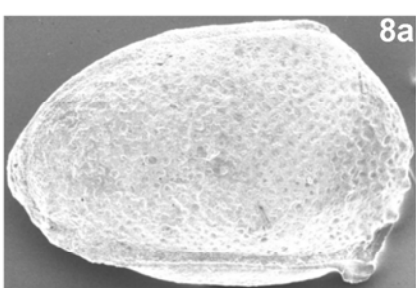
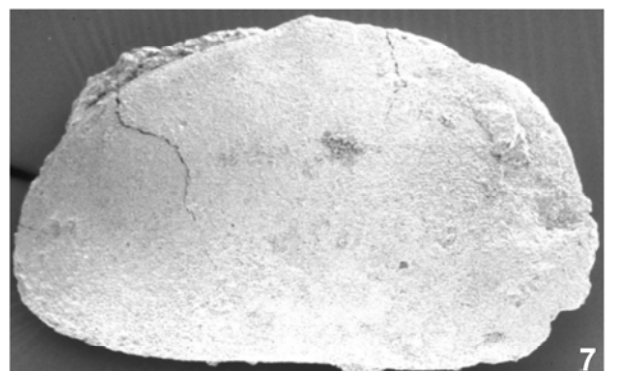
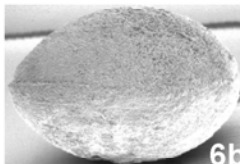
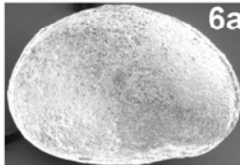
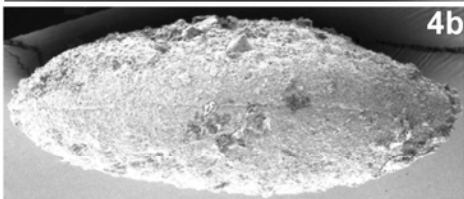
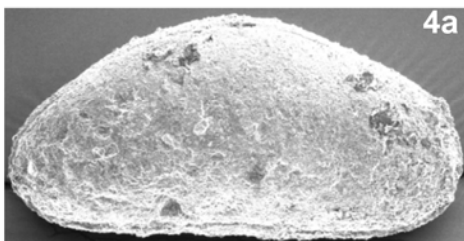
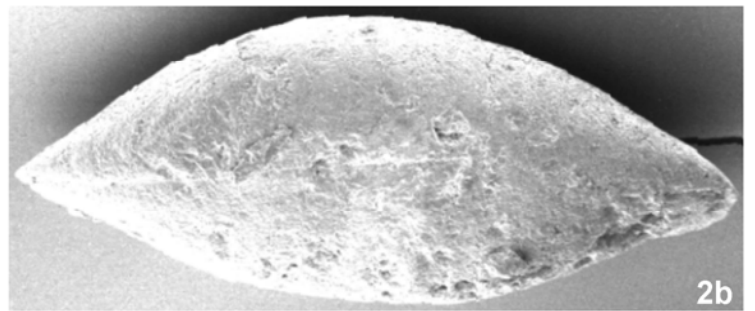
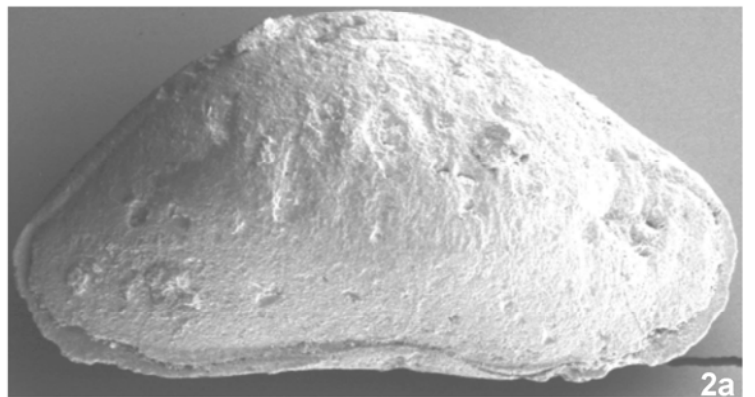
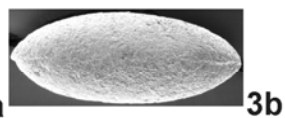
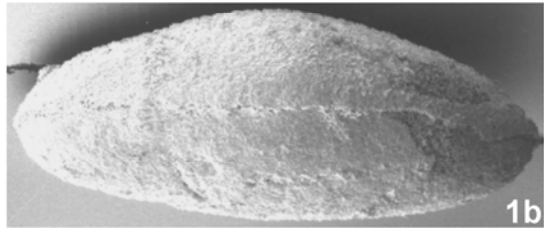
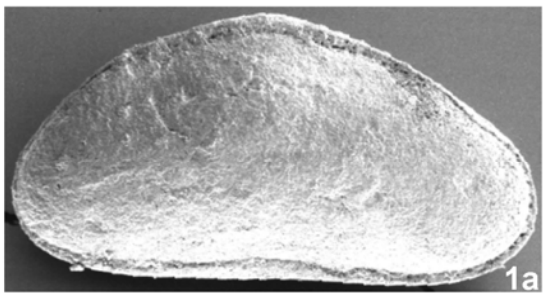
Fig. 7, 10: *Pinnocypridea* sp.; Profil Xabaal Garure, Probe S8873J; basales unteres Apt
(„somalischer Wealden“).
7: RK, O.Nr. TUB-SOU 257; L: 1,29 mm. 10: LK, O.Nr. TUB-SOU 268x, L: 1,27 mm.

Fig. 8, 11: *Cypridea* sp. LUGER und SCHUDACK, 2001; Profil Dhadhabo, ProbeDha0;
basales unteres Apt („somalischer Wealden“).
8: O.Nr. TUB-SOU 178, L: 0,89 mm, 8a: GR; 8b: GD. 11: O.Nr. TUB-SOU 179, L:
0,75 mm, 11a: GL; 11b: GD.

Fig. 9, 12, 14: *Cypridea ahlmodoensis* LUGER und SCHUDACK, 2001; Profil Xabaal
Garure, Probe S8873J; basales unteres Apt („somalischer Wealden“).
9: O.Nr. TUB-SOU 181, L: 0,64 mm, 9a: LK; 9b: LKD. 12: RK, O.Nr. TUB-SOU 182,
L: 0,73 mm. 14: O.Nr. TUB-SOU 280x, L: 0,64 mm. (Für Holotyp siehe LUGER und
SCHUDACK, 2001, Fig. 6-1).

Fig. 13: *Cypridea* aff. *aaleyensis* BISCHOFF, 1963; Profil Dhadhabo, ProbeDha0; basales
unteres Apt („somalischer Wealden“).
O.Nr. TUB-SOU 180, L: 1,11 mm, 13a: GR; 13B: GD.

Tafel 31

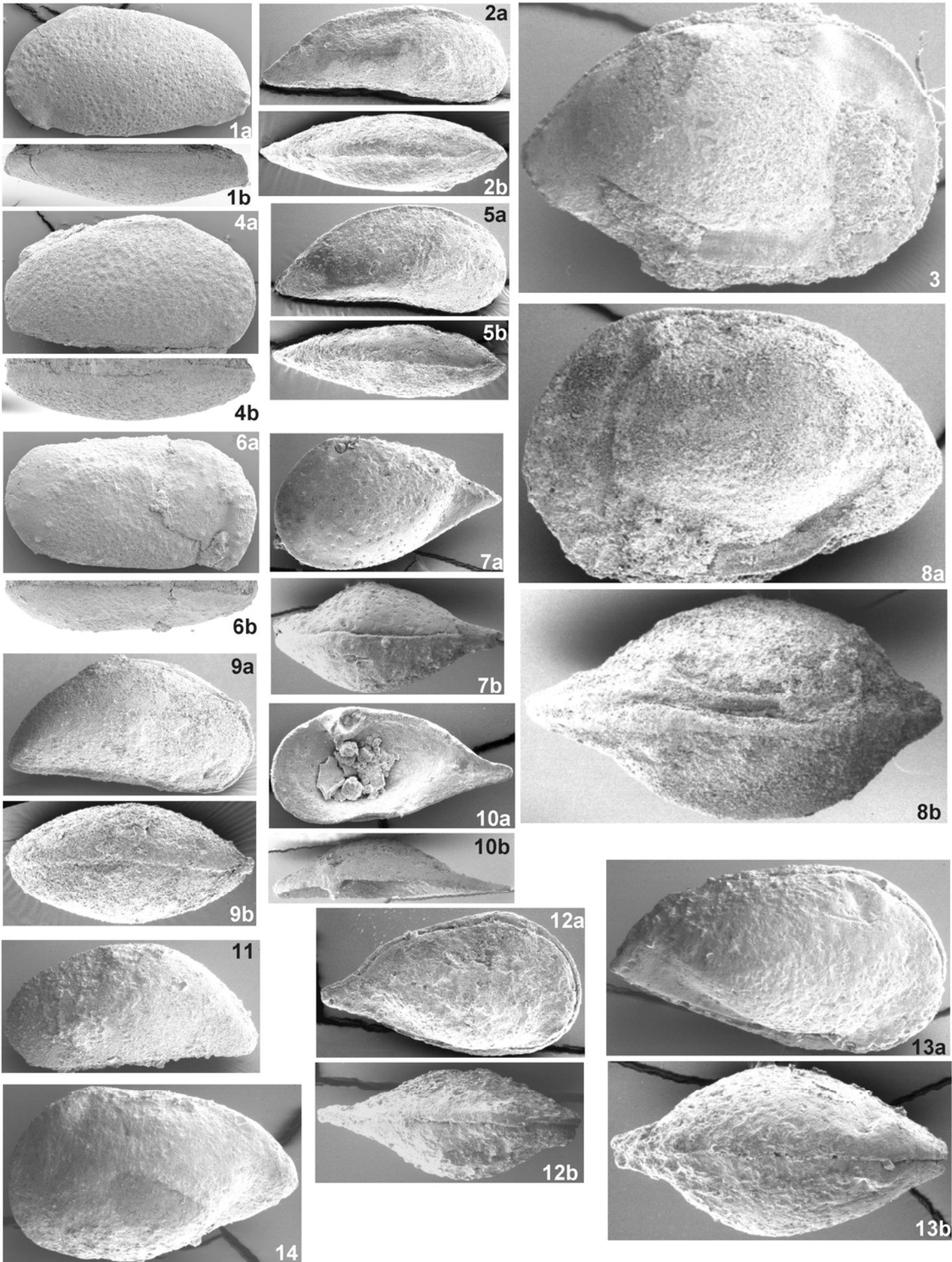


Tafel 32

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1, 4 : *Cypridea garurensis* LUGER und SCHUDACK, 2001; Profil Xabaal Garure, Probe S8873J; basales unteres Apt („somalischer Wealden“).
1: O.Nr. TUB-SOU 276x (Holotyp), L: 0,81 mm, 1a: LK, 1b: LKD. 4: O.Nr. TUB-SOU 270x, L: 0,84 mm, 4a: RH; 4b: RKD.
- Fig. 2, 5: *Paracypris dubertreti* DAMOTTE und SAINT-MARC, 1972; Profil Xabaal Garure, Probe XGa41; unteres oberes Apt.
2: ?M, O.Nr. TUB-SOU 137, L: 0,82 mm, 2a: GR; 2b: GD. 5: ?W, O.Nr. TUB-SOU 136, L: 0,77 mm, 5a: GR; 5b: GD.
- Fig. 3, 8: „*Brachycythere*“ *undosa* AL-FURAIH, 1985; Profile Tisje, Probe Tis17; Maastricht.
3: GR, O.Nr. TUB-SOO 145, L: 1,41 mm. 8: O.Nr. TUB-SOO 146, L: 1,41 mm, 8a: GL; 8b: GD.
- Fig. 6: *Cypridea* cf. *boulmanensis* ANDREU-BOUSSUT, 1991; Profil Xabaal Garure, Probe S8873J; Basales unteres Apt („somalischer Wealden“).
O.Nr. TUB-SOU 272x, L: 0,83 mm, 6a: RK; 6b: RKD.
- Fig. 7, 10, 12: „*Brachycythere*“ *reymenti* EMAMI; Profil Tisje, Probe Tis2; Campan.
7: W (Exemplar posterodorsal beschädigt), O.Nr. TUB-SOO 70, L: 0,76 mm, 7a: GL; 7b: GD. 10, 12: MM. 10: O.Nr. TUB-SOO 71, L: 0,80 mm, 10a: RKI; 10b: RKD. 12: O.Nr. TUB-SOO 69, L: 0,87 mm, 12: GR; 12b: GD.
- Fig. 9, 11: *Paracypris?* sp., Profil Xabaal Garure, Proben XGa75; oberes Alb.
9: O.Nr. TUB-SOU 128, L: 0,82 mm, 9a: GR; 9b: GD. 11: GL, O.Nr. TUB-SOU 129, L: 0,84 mm.
- Fig. 13, 14: „*Brachycythere*“ *tumida* AL FURAIH 1985; Profil Tisje, Probe Tis2; Campan.
13: M, O.Nr. TUB-SOO 65, L: 1,12 mm, 13a: GR, 13b: GD. 14: WGL, O.Nr. TUB-SOO 64, L: 0,98 mm.

Tafel 32

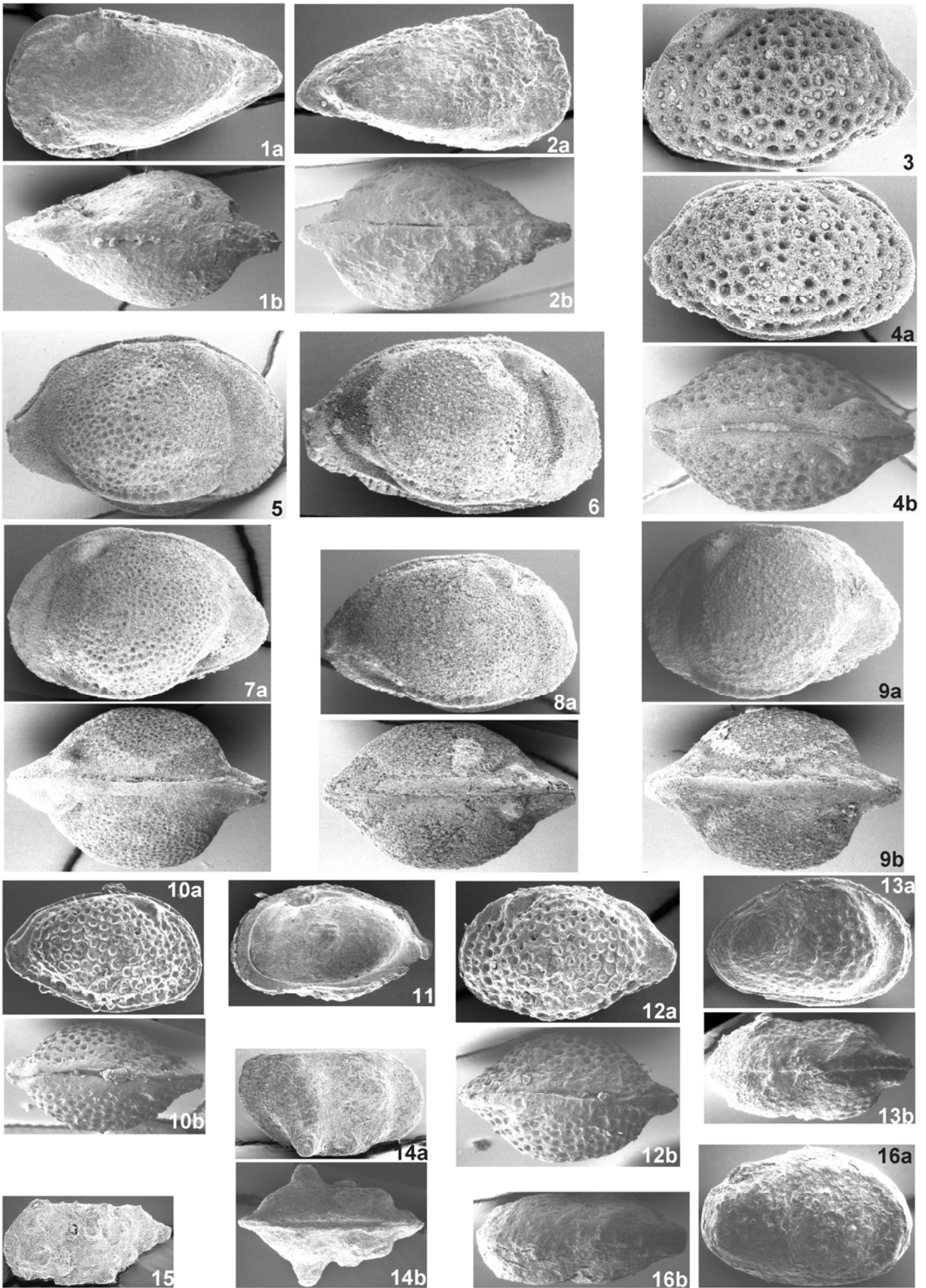


Tafel 33

Fig. 1-9 ca. 50x, Fig. 10-12 ca. 60x, Fig. 13-16 ca. 80x, Nordsomalia.

- Fig. 1, 2: ?"Brachycytheridae gen indet" *inversoalva* n.sp.; Profil Tisje, Probe Tis2; Campan.
 1: Holotyp, ?M, O.Nr. TUB-SOO 67, L: 1,10mm, 1a; GL; 1b: GD. 2: ?W, O.Nr. TUB-SOO 66, L: 1,09 mm, 2a: GR; 2b: GD (Exemplar anterodorsal beschädigt).
- Fig. 3, 4: *Kaesleria bilirata* (AL-FURAIH) 1980; Profil Biyo Kulule, Probe BKu19; Maastricht.
 3: GL, O.Nr. TUB-SOO 148, L: 1,07 mm. 4: O.Nr. TUB-SOO 147, L: 1,07 mm, 4a: GR; 4b: GD.
- Fig. 5-9: *Kaesleria trahea* (AL-FURAIH) 1980; Maastricht.
 5-7: Profil Biyo Kulule, Probe BKu19. 5, 7: WW; 5: WGR, O.Nr. TUB-SOO 139, L: 1,11 mm. 7: O.Nr. TUB-SOO 140, L: 1,04 mm, 7a: GL; 7b: GD. 6: MGR, O.Nr. TUB-SOO 141, L: 1,19 mm.
 8, 9: Profil Tisje, Probe Tis17; 8: M, O.Nr. TUB-SOO 142, L: 1,01 mm, 8a: GR; 8b: GD. 9: W, O.Nr. TUB-SOO 143, L: 1,02 mm, 9a: GL; 9b: GD..
- Fig. 10-12: *Kaesleria* sp.; Profil Tisje, Probe Tis2; Campan.
 10, 11: MM? oder A-1; 10: O.Nr. TUB-SOO 99, L: 0,65 mm, 10a: GR; 10b: GD. 11: RKI (Hinterende defekt), L: 0,66 mm. 12: W?, O.Nr. TUB-SOO 100, L: 0,72 mm, 12a: GL; 12b: GR.
- Fig. 13, 16: *Schaubiana eopaleocenica* n.sp.; Profil Tisje, Probe Tis37; unteres Paleozän.
 13: Holotyp, W?, O.Nr. TUB-SOO 267, L: 0,51 mm, 13a: GR; 13b: GD. 16: M?, O.Nr. TUB-SOO 268, L: 0,52 mm, 16a: GR; 16b: GD.
- Fig. 14: *Bythoceratina* sp. A; Profil Las Koreh, Probe LKo14; Alb.
 O.Nr. TUB-SOU 127, L: 0,45 mm, 14a: GR; 14b: GD.
- Fig. 15: „*Bythoceratina*“? sp.; Profil Xabaal Garure. Probe XGa67; Alb.
 LK, O.Nr. TUB-SOU 125, L: 0,41 mm.

Tafel 33



Tafel 34

Alle Objekte ca. 80x, Nordsomalia.

Fig. 1-4: *Bythoceratina kallenbachi* n.sp.; unteres oberes Apt.

1: Profil Xabaal Garure, Probe XGa36. Holotyp, O.Nr. TUB-SOU 126, L: 0,56 mm, 1a: GR; 1b: GD.

2-4: Profil Dhadhabo. 2, 4: Probe Dha25. 2: O.Nr. TUB-SOU 123, L: 0,60 mm, 2a: GL; 2b: GD. 4: O.Nr. TUB-SOU 124, L: 0,59 mm, 4a LKI; 4b: LKI: Detail Schloss vorne, ca. 220x.

3: Probe Dha26. Juv, O.Nr. TUB-SOU 187, L: 0,43 mm, 3a: GL; 3b: GD.

Fig. 5, 9: *Bythoceratina* sp. B; Profil Tisje.

5: Maastricht; Probe Tis17. O.Nr. TUB-SOU 267, L: 0,53 mm, 5a: GR; 5b: GD.

9: Campan; Probe Tis2. GL, O.Nr. TUB-SOU 86, L: 0,60 mm.

Fig. 6: *Monoceratina?* sp. VIVIERE, 1985; Profil Manna'a, Probe Man68; unteres Cenoman.

O.Nr. TUB-SOU 294, L: 0,56 mm, 6a: GL; 6b: GD (Exemplar dorsal beschädigt).

Fig. 7, 8: „*Monoceratina?*“ sp.; Profil Xabaal Garure, Probe XGa61a; (tieferes) Alb.

7: ?M, O.Nr. TUB-SOU 250, L: 0,51 mm, 7a: GR; 7b: GD (Exemplar anterodorsal eingedrückt). 8: ?W GR, O.Nr. TUB-SOU 249, L: 0,46 mm.

Fig. 10, 11, 14, 15: *Rostrocytheridea?* sp. aff. *R. chapmani* DINGLE, 1969; Profil Xabaal Garure, Probe XGa41; unteres oberes Apt.

10, 14: WW. 10: RK, O.Nr. TUB-SOU 117, L: 0,50 mm. 14: O.Nr. TUB-SOU 116, L: 0,55 mm, 14a: GL; 14b: GD. 11, 15: MM. 11: RK, O.Nr. TUB-SOU 118, L: 0,62 mm. 15: O.Nr. TUB-SOU 119, L: 0,61 mm, 15a: GL; 15b: GD (Exemplar dorsal beschädigt).

Fig. 12, 13, 16, 17, 20, 21: *Schuleridea btaterensis btaterensis* BISCHOFF, 1990; Profil Xabaal Garure; unteres Alb.

12, 15, 17, 20, 21: Probe XGa61a. 12, 16, 17: WW. 12: GL, O.Nr. TUB-SOU 96, L: 0,46 mm. 16: O.Nr. TUB-SOU 95, L: 0,49 mm, 16a: GR; 16b: GD. 17: LKI, O.Nr. TUB-SOU 241, L: 0,43 mm. 20, 21: MM. 20: GL, O.Nr. TUB-SOU 242x, L: 0,56 mm. 21: GR, O.Nr. TUB-SOU 97, L: 0,56 mm.

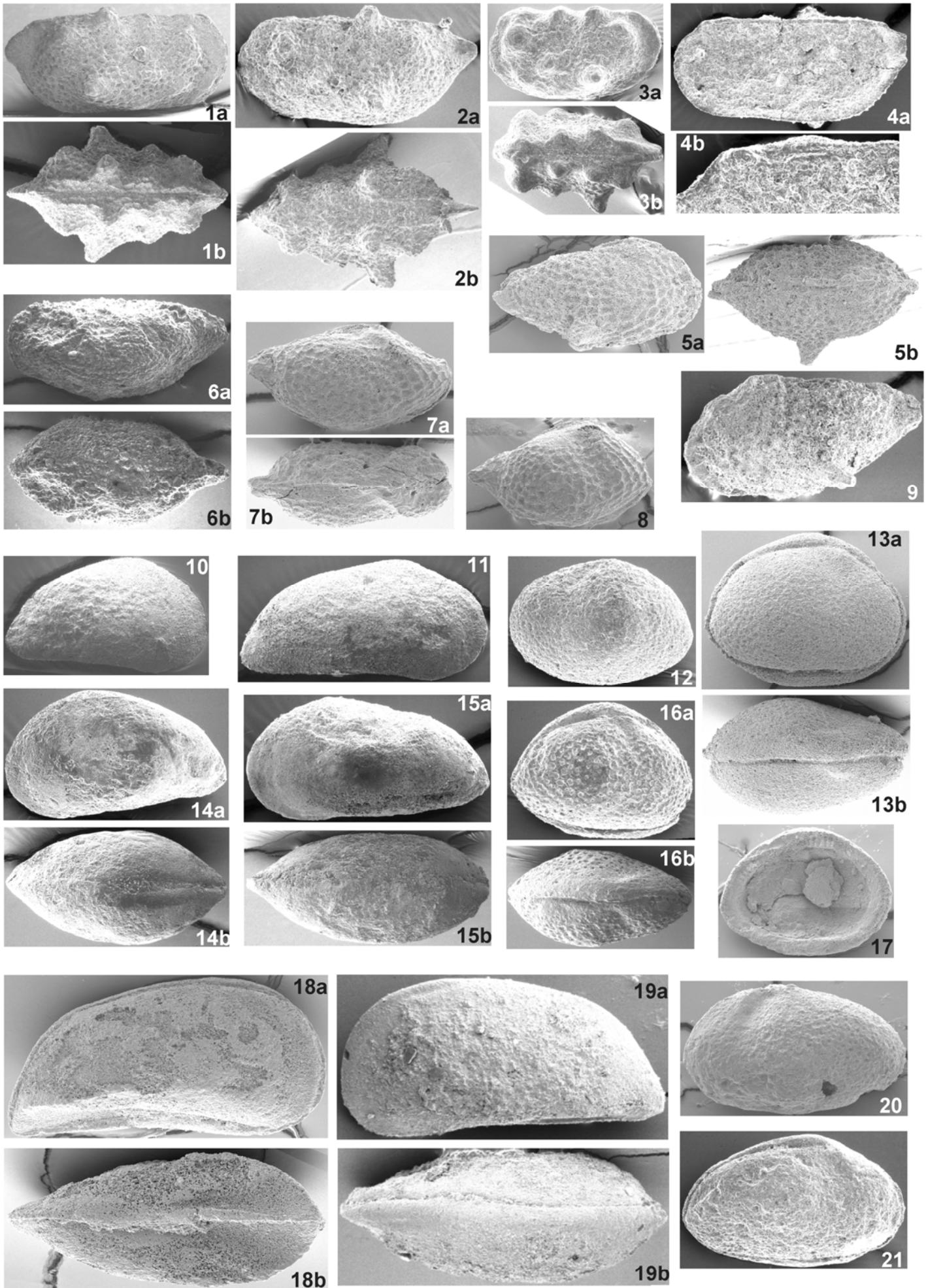
13: Probe XGa60a. W, O.Nr. TUB-SOU 245x, L: 0,51 mm, 13a: GR; 13b: GD.

Fig. 18, 19: „*Rostrocytheridea?*“ sp; Maastricht.

18: Profil Tisje, Probe Tis17. O.Nr. TUB-SOU 267x, L: 0,80 mm, 18 a: GR; 18b: GV.

19: Profil Biyo Kulule, Probe BKu19. O.Nr. TUB-SOU 18, L: 0,82mm, 19a: GL; 19b: GD.

Tafel 34

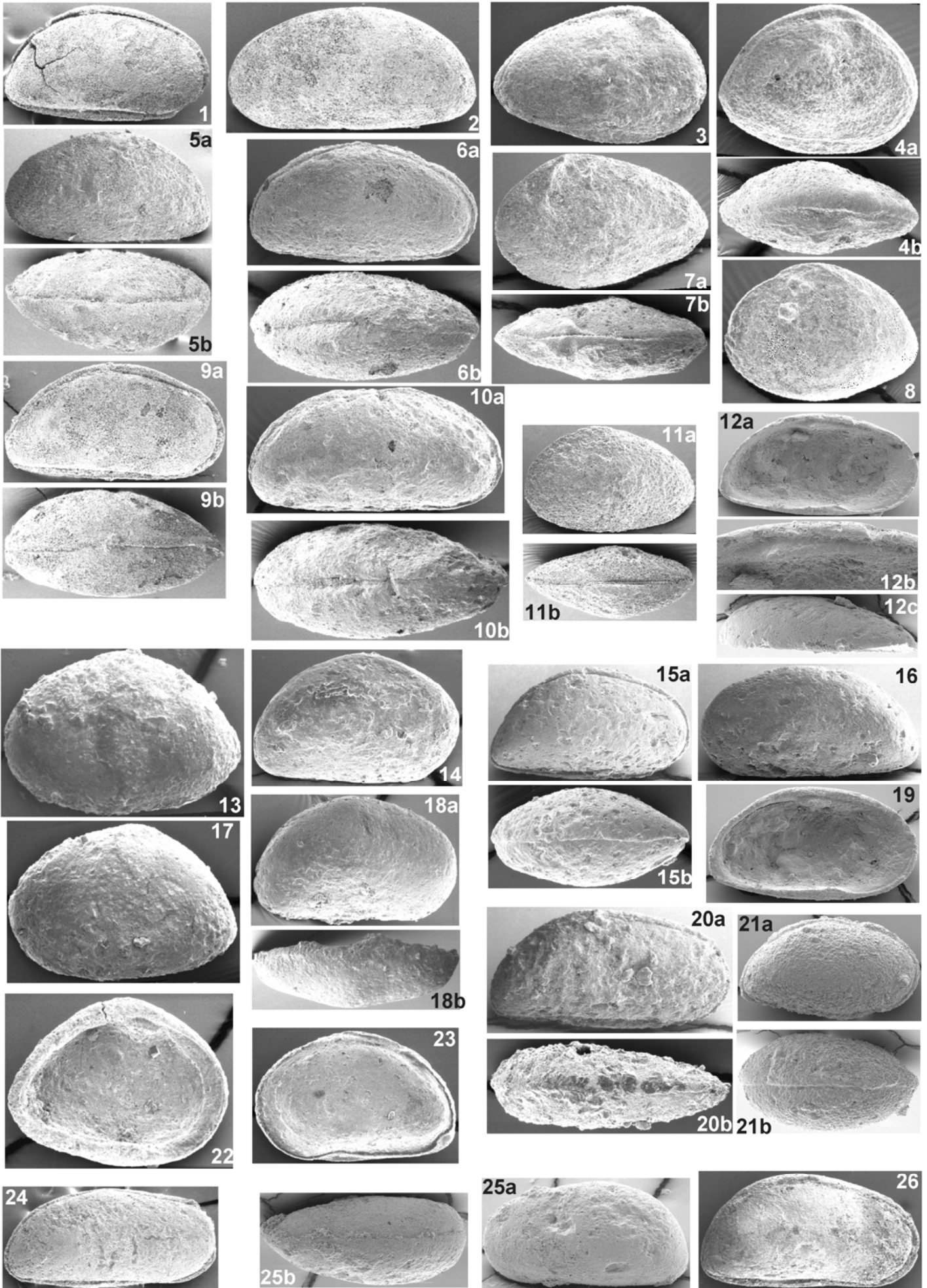


Tafel 35

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1, 2, 5, 9: "*Dolococytheridea*"? sp. aff. *D. atlasica* BASSOULLET und DAMOTTE, 1969.
 1, 5: Profil Tisje. 1: Probe Nr. Tis2; Campan. GR, O.Nr. TUB-SOO 21, L: 0,68 mm.
 5: Probe Nr. Tis17; Maastricht. O.Nr. TUB-SOO 23, L: 0,68 mm, 5a: GL; 5b: GD.
 2, 9: Profil Biyo Kulule, Probe Nr. BKu19; Maastricht. 2: GL, O.Nr. TUB-SOO 4, L:
 0,82 mm. 9: O.Nr. TUB-SOO 5, L: 0,73 mm, 9a: GR; 9b: GD.
- Fig. 3, 4, 7, 8: *Schuleridea btaterensis laskorehensis* n.ssp.; Profil Las Koreh, Probe Nr.
 LKo9; unteres Alb.
 3, 7: MM. 3: Holotyp, GR, O.Nr. TUB-SOU 94, L: 0,71 mm. 7: O.Nr. TUB-SOU 93, L:
 0,72 mm, 7a: GL; 7b: GD. 4, 8: WW, 4: O.Nr. TUB-SOU 91, L: 0,67 mm, 4a: GR; 4b:
 GD. 8: GL, O.Nr. TUB-SOU 92, L: 0,64 mm.
- Fig.: 6, 10: *Dolococytheridea*? sp.; Profil Xabaal Garure, Probe XGa61a; unteres Alb.
 6: ??W, O.Nr. TUB-SOU 114, L: 0,76 mm, 6a: GR; 6b: GD. 10: ??M, O.Nr. TUB-
 SOU 115, L: 0,85 mm, 10a: GR; 10b: GD (Exemplar dorsal beschädigt).
- Fig. 11: *Schuleridea btaterensis btaterensis* BISCHOFF, 1990; Profil Xabaal Garure,
 Probe XGa61a; unteres Alb.
 M, O.Nr. TUB-SOU 98, L: 0,56 mm, 11a: GL; 11b: GD.
- Fig. 12, 15, 16, 19, 20, 21: *Somalikrithe* Gen. nov. *alikassimi* n.sp.
 12, 15, 16, 20: Profil Xabaal Garure, Probe Nr. XGa96; mittleres Cenoman. 12, 20:
 MM: 12: Holotyp, LK, O.Nr. TUB-SOU 263x, L: 0,68 mm, 12a: MLKI; 12b: Detail
 Schloss (ca. 200x); 12c: MLKD. 20: O.Nr. TUB-SOU 111, L: 0,80 mm, 20a: GR; 20b:
 GD. 15, 16: WW. 15: O.Nr. TUB-SOU 102, L: 0,66 mm, 15a: GR; 15b: GD. 16: GL,
 O.Nr. TUB-SOU 110, L: 0,72 mm.
 19, 21: Profil Manna'a, Probe Man68; unteres Cenoman. 19: WLKI, O.Nr. TUB-SOU
 257x, L: 0,70 mm. 21: Juv., O.Nr. TUB-SOU 259x, L: 0,60 mm, 21a: GR; 21b: GD.
- Fig. 13, 14, 17, 18, 22, 23: *Ovococytheridea*? sp.; Profil Tisje, Probe Tis2; Campan.
 13, 17: LK. 13: O.Nr. TUB-SOU 87, L: 0,79 mm. 17: O.Nr. TUB-SOU 88, L: 0,76
 mm. 22: LKI, O.Nr. TUB-SOU 89, L: 0,75 mm. 14, 18, 23: RK. 14: O.Nr. TUB-SOU
 92, L: 0,70 mm. 18: TUB-SOU 91, L: 0,68 mm, 18a: RK, 1b: RKD. 23: RKI, TUB-
 SOU 90, L: 0,67 mm.
- Fig.: 24-26: ?*Somalikrithe* cf. *alikassimi* n.sp.; Profil Tisje, Probe Tis13; Maastricht.
 24: MGL, O.Nr. TUB-SOO 2, L: 0,71 mm. 25, 26: WW. 25: O.Nr. TUB-SOO 305, L:
 0,68 mm, 25a: GL; 25b: GD. 26: GR, O.Nr. TUB-SOO 1, L: 0,73 mm.

Tafel 35

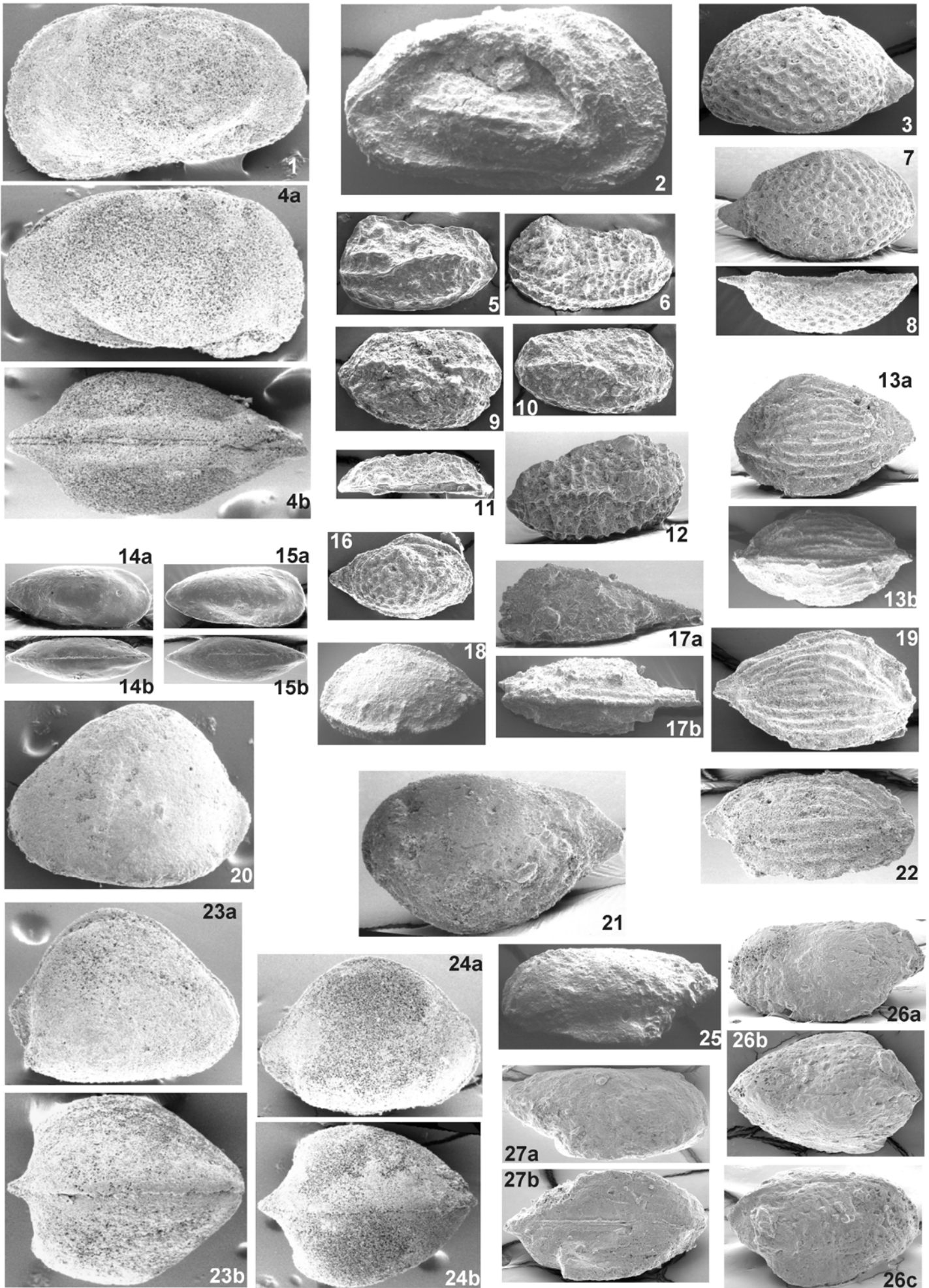


Tafel 36

Alle Objekte ca. 80x, Nordsomalia.

- Fig. 1, 4: *Nucleolina diluta* AL-FURAIH, 1980; Profil Biyo Kulule, Probe BKu19; Maastricht.
1: GL, O.Nr. TUB-SOO 10, L: 0,76 mm. 4: O.Nr. TUB-SOO 9, L: 0,75 mm, 4a: GR; 4b: GD.
- Fig.2: *Nucleolina* cf. *diluta* AL-FURAIH, 1980; Profil Tisje, Probe Nr. Tis37; unteres Paleozän.
GR (verdrückt); O.Nr. TUB-SOO 256, L: 0,82 mm.
- Fig. 3, 7, 8: *Eocytheropteron anteretroversicardium* ANDREU, 1991; Profil Xabaal Garure, Probe XGa37; unteres oberes Apt.
3: LK, O.Nr. TUB-SOU 171, L: 0,53 mm. 7, 8: O.Nr. TUB-SOU 173, L: 0,49 mm. 7: RK; 8: RKD.
- Fig. 5, 6, 9-12: *Acrocythere grosdidieri* n.sp.; Profil Dhadhabo; unteres oberes Apt.
5, 9, 10, 11: Probe Dha26. 5, 9, 11: WW. 5: Holotyp, LK, O.Nr. TUB-SOU 280, L: 0,39 mm.
9: RK, O.Nr. TUB-SOU 279, L: 0,41 mm. 11: RKD, O.Nr. TUB-SOU 138, L: 0,382 mm. 10: MRK, O.Nr. TUB-SOU 278, L: 0,40 m.
6, 12: Probe Dha25. MM. 6: LK, O.Nr. TUB-SOU 277, L: 0,42 mm. 12: RK (leicht verkippte Ansicht); O.Nr. TUB-SOU 140, L: 0,45 mm.
- Fig. 13, 19, 22: *Metacytheropteron berbericum* (BASSOULLET und DAMOTTE, 1969); Profil Xabaal Garure, Probe XGa101; mittleres Cenoman.
13, 19: WW. 13: O.Nr. TUB-SOU 158, L: 0,46 mm, 13a: GL (leicht verkippt); 13b: GD. 19: GR, O.Nr. TUB-SOU 157, L: 0,51 mm. 22: MGR, O.Nr. TUB-SOU 159, L: 0,53mm.
- Fig. 14, 15: *Procytherura?* sp. 2 ANDREU, 1991; Profil Dhadhabo, Probe Dha26; unteres oberes Apt.
14: O.Nr. TUB-SOU 148, L: 0,36 mm, 14: GR; 14b: GD. 15: O.Nr. TUB-SOU 149, L: 0,35 mm, 15a: GR; 15b: GD.
- Fig. 16: „*Eocytheropteron*“ cf. *E. pecteniferum* SZECHURA, ABD-ELSHAFY und BABINOT, 1991; Profil Manna'a, Probe Man68; unteres Cenoman.
GR, O.Nr. TUB-SOU 295, L: 0,34 mm.
- Fig. 17: *Paracytheridea?* sp.; Profil Manna'a, Probe Man68; unteres Cenoman.
O.Nr. TUB-SOU 150, L: 0,51 mm, 17a: GL; 17b: GD.
- Fig. 18: *Eocytheropteron* aff. *glintzboeckeli* DONZE und LEFEVRE, 1981; Profil Xabaal Garure, Probe XGa90a; oberstes Alb.
LK, O.Nr. TUB-SOU 243, L: 0,43 mm.
- Fig. 20, 23, 24: „*Eocytheropteron*“? *beydouni* n.sp.; Profil Biyo Kulule, Probe BKu19; Maastricht.
20: GL, O.Nr. TUB-SOO 16, L: 0,62 mm. 23: Holotyp, O.Nr. TUB-SOO 15, L: 0,59 mm, 23a: GR; 23b: GD. 24: O.Nr. TUB-SOO 17, L: 0,55 mm, 24a: GR; 24b: GD.
- Fig. 21: *Eocytheropteron* sp.; Profil Las Koreh, Probe LKo14; Alb.
LK, O.Nr. TUB-SOU 174, L: 0,66 mm.
- Fig. 25-27: „*Tanzanicythere*“? sp.; Profil Tisje, Probe Tis2; Campan.
25, 27: MM. 25: GL, O.Nr. TUB-SOO 279, L: 0,54 mm. 27: O.Nr. TUB-SOO 303, L: 0,51 mm, 27a: GR; 27b: GV. 26: W, O.Nr. TUB-SOO 304, L: 0,43 mm, 27a: GL; 27b: GD; 27c: GR (verkippt).

Tafel 36

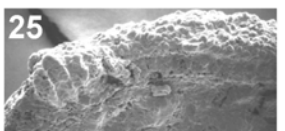
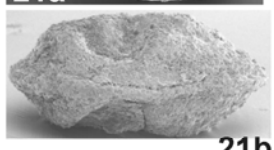
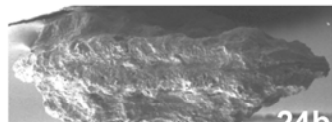
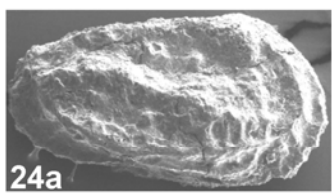
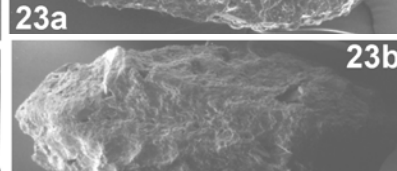
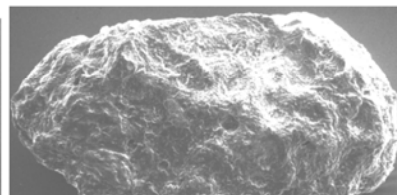
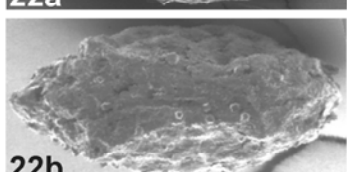
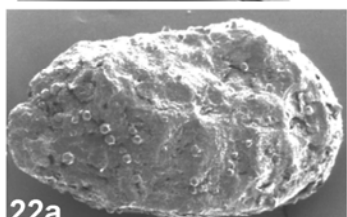
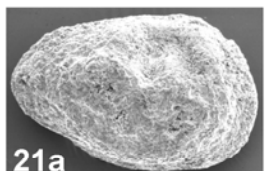
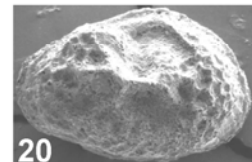
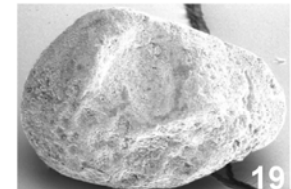
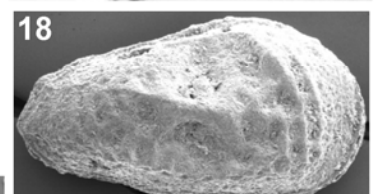
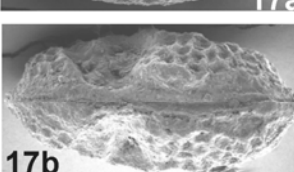
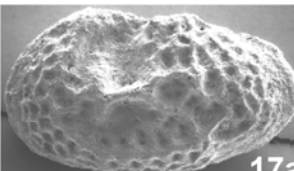
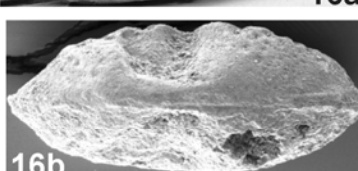
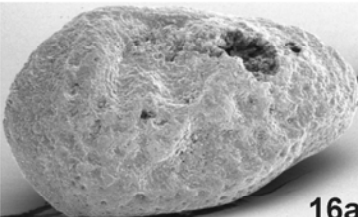
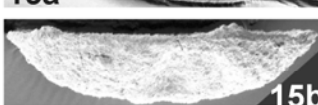
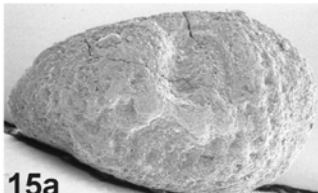
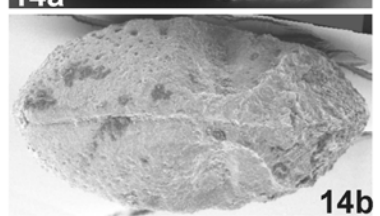
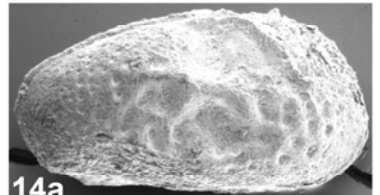
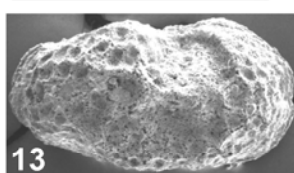
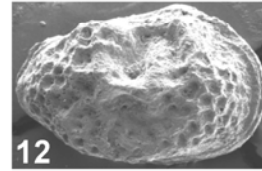
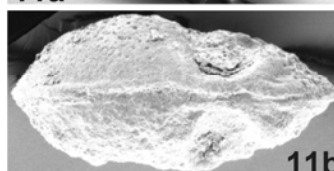
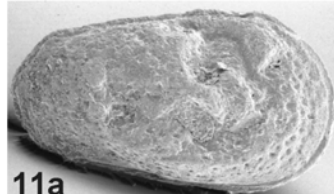
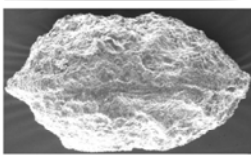
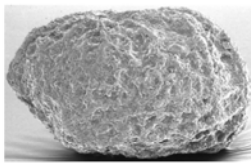
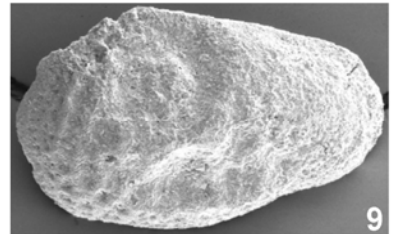
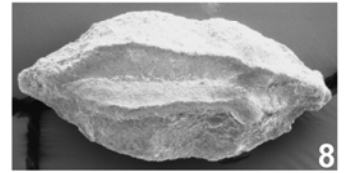
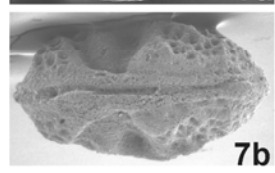
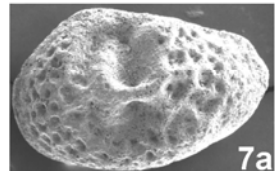
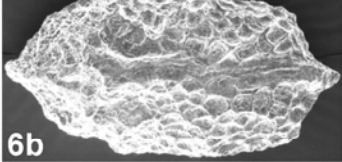
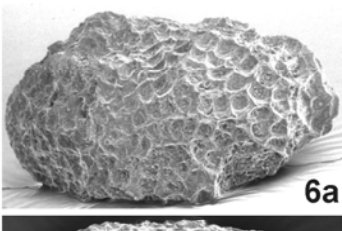
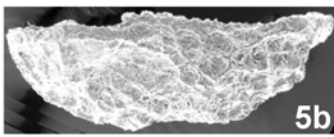
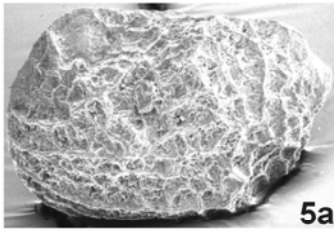
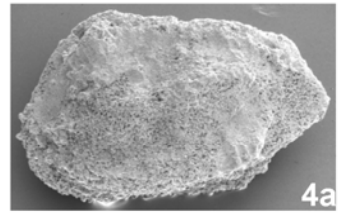
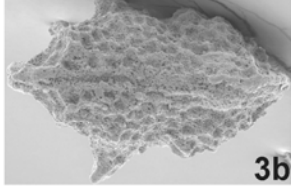
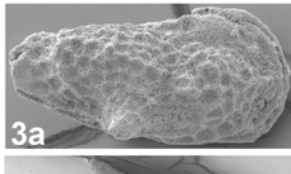
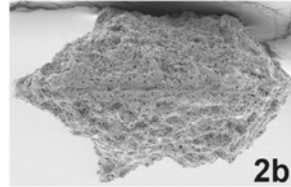
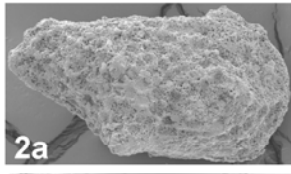
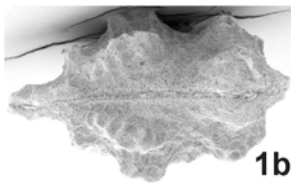


Tafel 37

Alle Objekte ca. 80x, Nordsomalia.

- Fig. 1: *Hemiparacytheridea?* sp.; Profil Xabaal Garure, Probe XGa60b; unteres Alb. O.Nr. TUB-SOU 285x, L: 0,45 mm, 1a: GR; 1b: GD.
- Fig. 2, 3: *Tuberoocytheridea* sp.; Profil Tisje, Probe Tis17; Maastricht.
2: ?W, O.Nr. TUB-SOO 312, L: 0,46 mm, 2a: GR; 2b: GD. 3: ?M, O.Nr. TUB-SOO 313, L: 0,46 mm, 3a: GR; 3b: GD.
- Fig. 4, 8: *Amphicytherura (Sondagella) antiqua* ROSENFELD und RAAB, 1984; Profil Togga Mareer, Probe TgM22; oberes Alb.
4: O.Nr. TUB-SOU 23, L: 0,52 mm, 4a: GL; 4b: GD. 8: GD, O.Nr. TUB-SOU 22, L: 0,51 mm
- Fig. 5, 6, 10: „*Schizocythere*“ sp.
5, 6: Profil Togga Mareer, Probe TgM22; oberes Alb. 5: ?W, O.Nr. TUB-SOU 142, L: 0,53 mm, 5a: LK; 5b: LKD. 6: ?M, O.Nr. TUB-SOU 143, L: 0,56 mm, 6a: GL; 6b: GD.
10: Profil Manna'a, Probe Man68; unteres Cenoman. ?W/?Juv., O.Nr. TUB-SOU 144. L: 0,48 mm, 10a: GR; 10b: GD.
- Fig. 7, 9-21: *Antepaijenborchella arushi* n.sp.; unteres Alb.
7, 12, 13, 17, 20: MTA. Profil Xabaal Garure, Probe XGa61a. 7, 12: WW. 7: Holotyp, O.Nr. TUB-SOU 284, L: 0,42 mm, 7a: GL; 7b: GD. 12: GR, O.Nr. TUB-SOU 283, L: 0,41 mm. 13, 17: MM. 13: GR, O.Nr. TUB-SOU 287, L: 0,47 mm (Exemplar centrodorsal leicht beschädigt). 17: O.Nr. TUB-SOU 286, L: 0,48 mm, 17a: GL; 17b: GD. 20: JGR, O.Nr. TUB-SOU 285, L: 0,38 mm.
11, 15, 16, 19, 21: MTB. Profil Las Koreh, Probe LKo9. 11: M, O.Nr. TUB-SOU 11, L: 0,53 mm, 11a: GR; 11b: GD. 15, 16: WW. 15: O.Nr. TUB-SOU 9, L: 0,51 mm, 15a: RK; 15b: RKD. 16: O.Nr. TUB-SOU 10, L: 0,59 mm, 16a: GL; 16b: GD. 19, 21: Juv. 19: O.Nr. GL, TUB-SOU 13, L: 0,43 mm. 21: O.Nr. TUB-SOU 12, L: 0,41 mm, 21a: GR; 21b: GD.
9, 14, 18: MTC, Profil Las Koreh, Probe LKo9. 9, 14: WW. 9: GL, O.Nr. TUB-SOU 14, L: 0,60 mm. 14: O.Nr. TUB-SOU 15, L: 0,58 mm, 14a: GR; 14b: GD. 18: MGR, O.Nr. TUB-SOU 16, L: 0,57 mm.
- Fig. 22, 23: *Holcopocythere falsocolata* AL-FURAIH 1980; Profils Tisje, Probe Tis37; unteres Paleozän.
22: ?Juv./?adult W, O.Nr. TUB-SOO 266, L: 0,55 mm, 22a: GR; 22b: GD. 23: Adult, ?M, O.Nr. TUB-SOO 269, L: 0,64 mm, 23a: GR; 23b:GD.
- Fig. 24: *Holcopocythere* sp.; Profil Tisje, Probe Tis2; Campan.
O.Nr. TUB-SOO 296, L: 0,52 mm, 24a: GR; 24b: GD.
- Fig. 25: *Majungaella dualehi* n.sp.; Profil Manna'a, Probe Man68; unteres Cenoman.
O.Nr. TUB-SOU 283, WRKI Detail Schloß vorne, **ca. 180x**.

Tafel 37

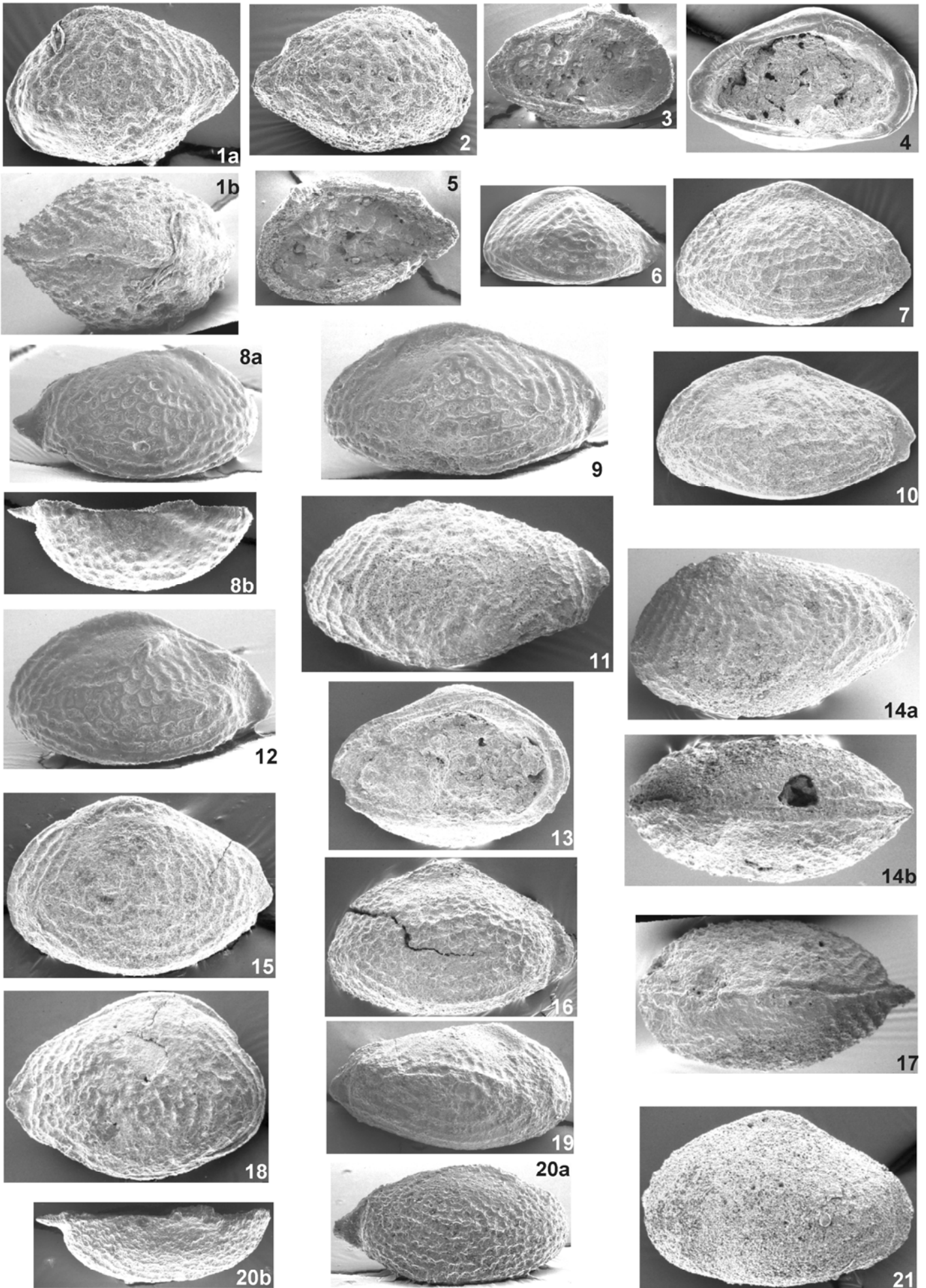


Tafel 38

Alle Objekte ca. 80x, Nordsomalia.

- Fig. 1, 2, 3, 5: *Majungaella dualehi* n.sp.; Profil Manna'a, Probe Man68; unteres Cenoman.
 1: Holotyp, O.Nr. TUB-SOU 175 (anterodorsal verunreinigt), L: 0,53 mm, 1a: GL; 1b: GD. 2: GR (posterodorsal beschädigt), O.Nr. TUB-SOU 176, L: 0,56 mm. 3: RKI, O.Nr. TUB-SOU 289, L: 0,47 mm. 5: LKI, O.Nr. TUB-SOU 290, L: 0,50 mm.
- Fig. 4, 6-10, 12 *Paraphysocythere aptiensis* n.sp.; unteres oberes Apt.
 4, 6, 8, 9, 12: Profil Dhadhabo, Probe Dha26. 4, 8, 12: WW. 4: LKI, O.Nr. TUB-SOU 156, L: 0,57 mm. 8: Holotyp, O.Nr. TUB-SOU 154, L: 0,62 mm, 8a: RK; 8b: RKD. 12: LK, O.Nr. TUB-SOU 153, L: 0,67 mm. 6: JLK, O.Nr. TUB-SOU 151, L: 0,45 mm. 9: MLK, O.Nr. TUB-SOU 155, L: 0,71 mm.
 7, 10: Profil Xabaal Garure. 7, 10: Probe XGa36. 7: WLK, O.Nr. TUB-SOU 240, L: 0,59 mm. 10: MLK, O.Nr. TUB-SOU 241, L: 0,65 mm.
- Fig. 11, 13-21: *Paraphysocythere palaeoalbiensis* n.sp.; unteres Alb.
 11, 13, 14, 16, 17, 19-21: Profil Xabaal Garure.
 11, 13, 14, 16, 17, 20: Probe XGa61a. 11, 14: MM, 11: GL, O.Nr. TUB-SOU 251, L: 0,77 mm. 14: O.Nr. TUB-SOU 242, L: 0,72, 14a: GL; 14b: GD (Ansicht nicht optimal, da etwas nach vorne geneigt). 13, 16, 20: Juv. (in der Ornamentierung noch sehr ähnlich zu *Paraphysocythere aptiensis* n.sp.). 13: LKI, O.Nr. TUB-SOU 244, L: 0,60 (Hinterende defekt). 16: LK, O.Nr. TUB-SOU 245, L: 0,62 mm. 20: O.Nr. TUB-SOU 169, L: 0,59 mm, 20a: RK; 20b: RKD. 17: WGD, O.Nr. TUB-SOU 250, L: 0,69 mm (Exemplar anterodorsal beschädigt).
 19: Probe XGa60b. JRK, O.Nr. TUB-SOU 288, L: 0,61 mm. 21: WLK (Ornamentierung erodiert), O.Nr. TUB-SOU 246, L: 0,68 mm.
 15, 18: Profil Las Koreh, Probe LKo9. 15: Holotyp, WGL, O.Nr. TUB-SOU 168, L: 0,67 mm. 18: WGR, O.Nr. TUB-SOU 166, L: 0,65 mm.

Tafel 38



Tafel 39

Alle Objekte ca. 60x, Nordsomalia.

Fig. 1-6: *Paraphysocythere andreui* n.sp.

1, 2, 5: Profil Las Koreh, Probe LKo14; mittleres Alb. 1: Holotyp, O.Nr. TUB-SOU 254, L: 0,65 mm, 1a: GR; 1b: GD (Ansicht zentral durch Sedimentkorn verunreinigt). 2: GR, O.Nr. TUB-SOU 253, L: 0,71 mm. 5: JLK, O.Nr. TUB-SOU 291, L: 0,55 mm. 6: RK, O.Nr. TUB-SOU 252, L: 0,62 mm. 3, 4: Profil Xabaal Garure, Probe XGa66, oberes unteres Alb. 3: GR, O.Nr. TUB-SOU 162, L: 0,63 mm. 4: O.Nr. TUB-SOU 161, L: 0,62 mm, 4a: GR; 4b: GV.

Fig. 7-9: *Paraphysocythere* sp. A; Profil Togga Mareer, Probe TGM22; unteres Cenoman. 7: ?M, O.Nr. TUB-SOU 297, L: 0,54 mm, 7a: LK; 7b: LKD. 8, 9: ?WW, 8: O.Nr. TUB-SOU 282, L: 0,51 mm, 8a: LK; 8b: LKD. 9: RK, O.Nr. TUB-SOU 296, L: 0,52 mm.

Fig. 10: *Paraphysocythere?* sp.; Profil Xabaal Garure, Probe XGa91, mittleres Cenoman. O.Nr. TUB-SOU 248, L: 0,50 mm, 10a: GL; 10b: GD..

Fig. 11, 12, 15, 16, 19: *Acanthocythereis? conjuncta boeckelmanni* n.ssp.; Profil Tisje, Probe Tis2; Campan.

11, 16: MM. 11: O.Nr. TUB-SOO 41, L: 0,62 mm, 11a: GR; 11b: GD. 16: GL, O.Nr. TUB-SOO 53, L: 0,56 mm. 12, 15, 19: WW. 12: Holotyp, GL, O.Nr. TUB-SOO 111, L: 0,56 mm. 15: O.Nr. TUB-SOO 112, L: 0,54 mm, 15a: GR; 15b: GD (Exemplar auf beiden Klappen anteromediodorsal beschädigt). 19: O.Nr. TUB-SOO 114, L: 0,50 mm, 19a: GR; 19b: GD.

Fig. 13, 17: *Acanthocythereis* sp. 1; Profil Tisje, Probe Tis2; Campan.

13: W, O.Nr. TUB-SOO 37, L: 0,84 mm, 13a: GL; 13b: GD. 17: M, O.Nr. TUB-SOO 286, L: 0,80 mm, 14: GR; 14b: GD.

Fig. 14, 18: *Acanthocythereis* sp. 2; Profil Tisje, Probe Tis37; unteres Paleozän.

14: M, O.Nr. TUB-SOO 245, L: 0,86 mm, 14a: GR; 14b: GD. 18: W, O.Nr. TUB-SOO 246, L: 0,79 mm, 18a: GR; 18b: GD.

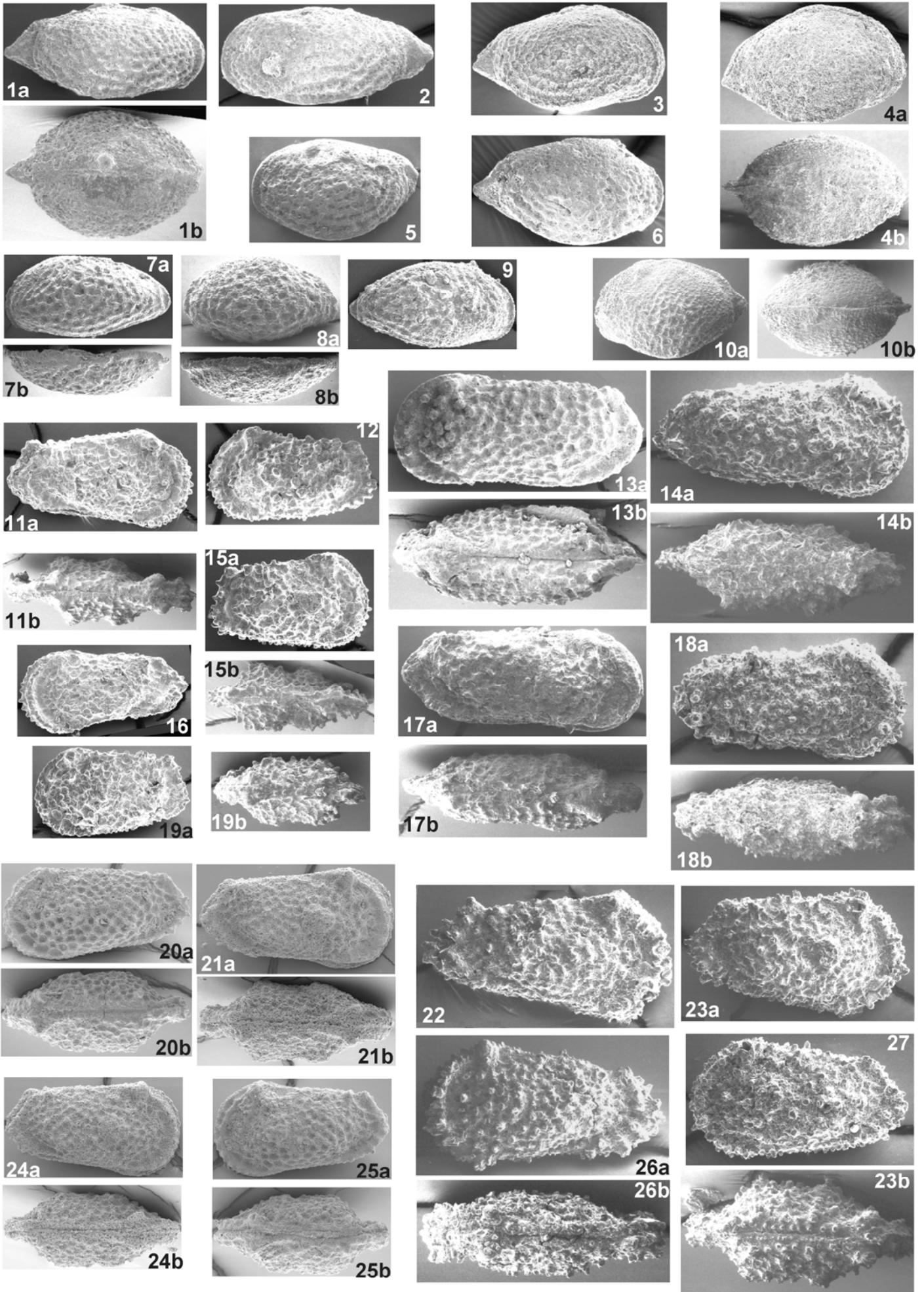
Fig. 20, 21, 24, 25: *Acanthocythereis? conjuncta radziwili* n.ssp.; Profil Tisje, Probe Tis17; Maastricht.

20, 24, 25: WW. 20: Holotyp, O.Nr. TUB-SOO 309, L: 0,62 mm, 20a: GL; 20b: GD. 24: O.Nr. TUB-SOO 308, L: 0,57 mm, 24: GR; 24b: GD. 25: O.Nr. TUB-SOO 310, L: 0,58 mm, 25a: GL; 25b: GD. 21: M, O.Nr. TUB-SOO 307, L: 0,64 mm, 21a: GR; 21b: GD.

Fig. 22, 23, 26, 27: *Acanthocythereis? conjuncta conjuncta* AL-FURAIH 1980; Profil Tisje, Probe Tis37; unteres Paleozän.

22, 26: MM. 22: GR, O.Nr. TUB-SOO 260, L: 0,82 mm. 26: O.Nr. TUB-SOO 259, L: 0,82 mm, 26a: GL; 26b: GD. 23, 27: WW. 23: O.Nr. TUB-SOO 262, L: 0,74 mm, 23a: GR; 23b: GD. 27: GL, O.Nr. TUB-SOO 263, L: 0,74 mm.

Tafel 39

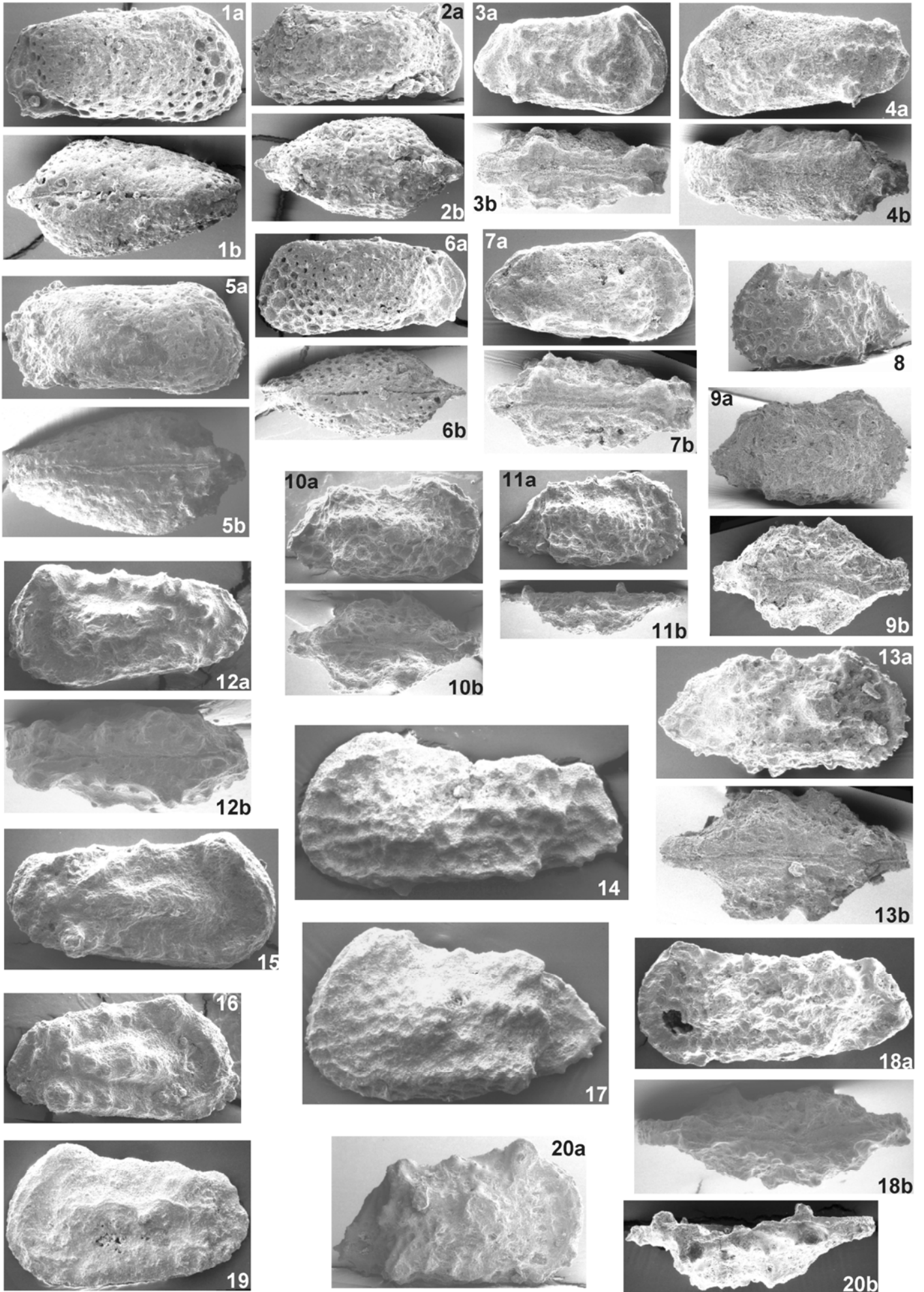


Tafel 40

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1, 2, 5, 6: *Crenaleya schroederi* n.sp.; Profil Tisje, Probe Tis2; Campan.
 1: Holotyp, O.Nr. TUB-SOO 39, L: 0,80 mm, 1a: GR; 1b: GD. 2: O.Nr. TUB-SOO 40,
 L: 0,70 mm, 2a: GL; 2b: GD. 5: O.Nr. TUB-SOO 300, L: 0,81 mm, 5a: GR; 5b: GV. 6:
 O.Nr. TUB-SOO 38, L: 0,70 mm, 6a: GL, 6b: GD.
- Fig. 3, 4, 7: *Cythereis aaramtaensis* cf. *biconifera* BISCHOFF, 1963; Profil Las Koreh,
 Probe LKo13; mittleres Alb.
 3, 7: WW. 3: O.Nr. TUB-SOU 208, L: 0,64 mm, 3a: GR; 3b: GD. 7: O.Nr. TUB-SOU
 209, L: 0,69 mm, 7a: GR; 7b: GD. 4: M. O.Nr. TUB-SOU 207, L: 0,75 mm, 4a: GL;
 4b: GD.
- Fig. 8-11, 13: *Cythereis namousensis* BASSOULLET und DAMOTTE, 1969; Profil Xabaal
 Garure.
 8-11: Probe XGa101, mittleres Cenoman. 8, 9; WW. 8: LK, O.Nr. TUB-SOU 56, L:
 0,59 mm. 9: O.Nr. TUB-SOU 55, L: 0,66 mm, 9a: GR; 9b: GD. 10, 11: MM. 10: O.Nr.
 TUB-SOU 273, L: 0,64 mm, 10a GR; 10b: GD. 11: O.Nr. TUB-SOU 272, L: 0,61 mm,
 11a: RK; 11b: RKD.
 13: Probe XGa75c, oberes Alb. O.Nr. TUB-SOU 216, L: 0,82 mm (Objekt dorsal
 posteromedian verschmutzt), 13a: GR; 13b: GD.
- Fig. 12, 15, 16, 19: *Cythereis arabica* cf. *houneensis* BISCHOFF, 1963; höheres Alb.
 12, 15, 16: Profil Xabaal Garure, Probe XGa67. 12, 15: MM. 12: O.Nr. TUB-SOU
 268, L: 0,81 mm. 12a: GL; 12b: GD. 15: GR, O.Nr. TUB-SOU 267, L: 0,90 mm. 16:
 WRK, O.Nr. TUB-SOU 269, L: 0,77 mm.
 19: Profil Las Koreh, Probe LKo15. WLK, O.Nr. TUB-SOU 213, L: 0,81 mm.
- Fig. 14, 17, 18: *Cythereis algeriana* BASSOULLET und DAMOTTE, 1969; mittleres Alb.
 14. Profil Las Koreh, Probe LKo16. LK (Exemplar dorsal beschädigt), O.Nr. TUB-
 SOU 57, L: 1,10 mm.
 17, 18: Profil Xabaal Garure, Probe XGa66. 17: LK, O.Nr. TUB-SOU 233, L: 1,01
 mm. 18: O.Nr. TUB-SOU 265, L: 0,91 mm.
- Fig. 20: *Cythereis* sp. aff. *C. phoenissa* BISCHOFF, 1963; Profil Las Koreh, Probe LKo15;
 mittleres Alb.
 O.Nr. TUB-SOU 72, L: 0,83 mm, 20a: RK; 20b: RKD.

Tafel 40

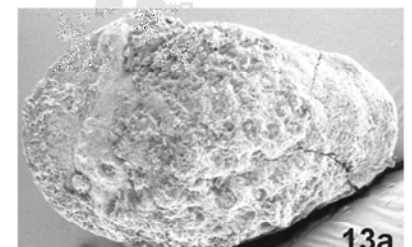
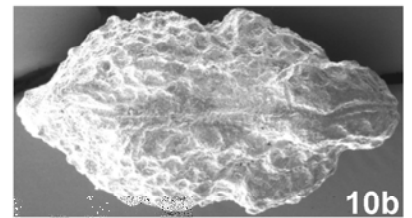
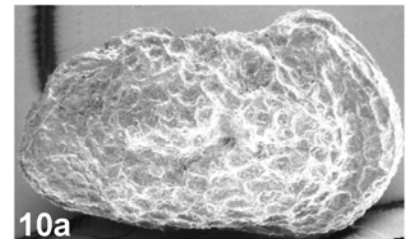
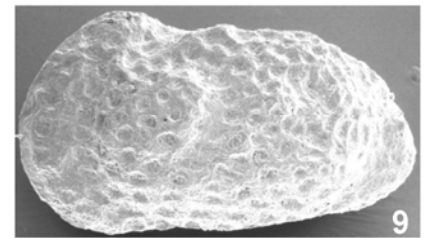
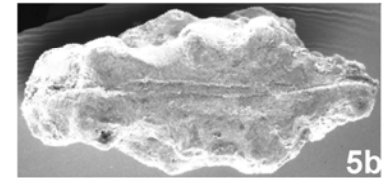
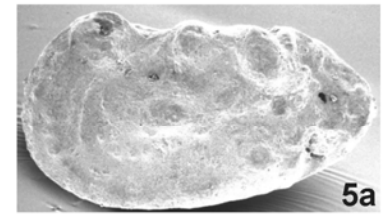
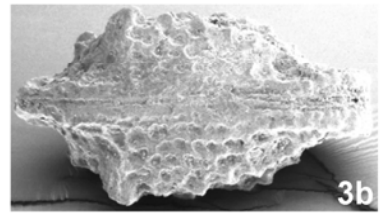
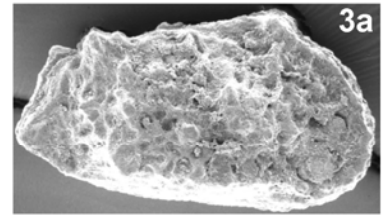
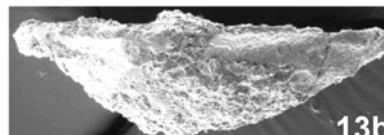
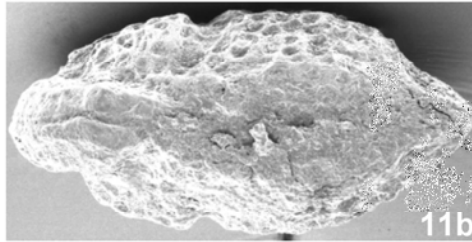
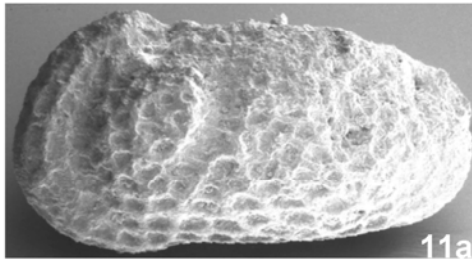
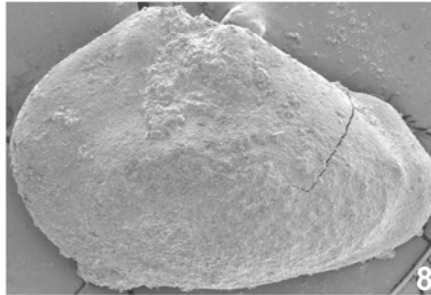
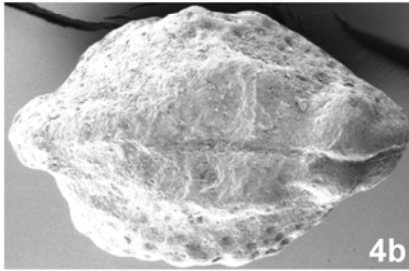
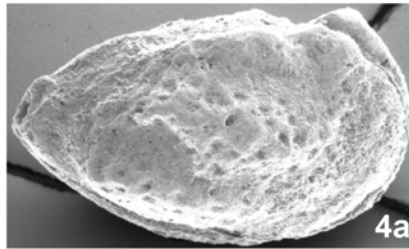
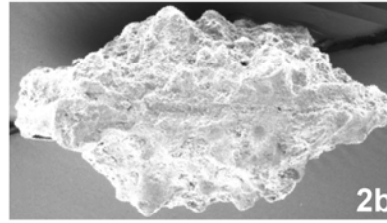
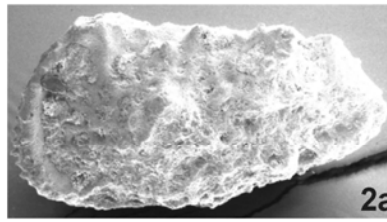
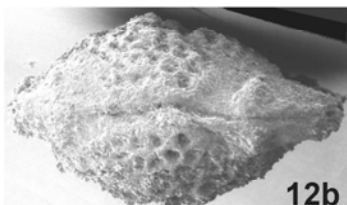
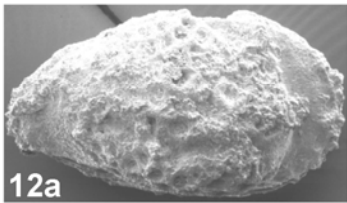
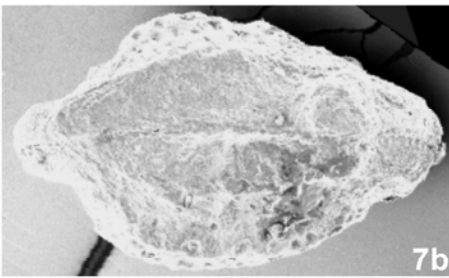
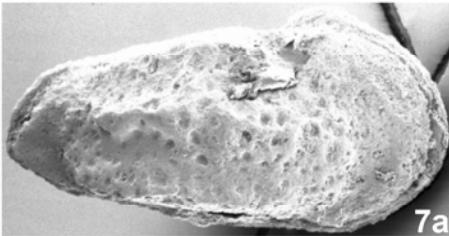
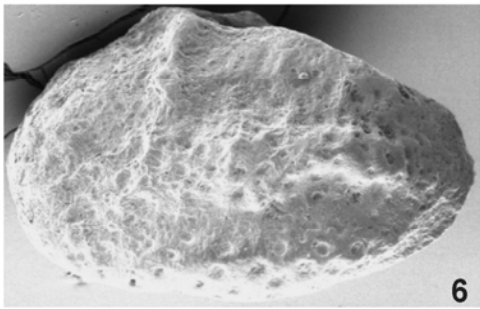
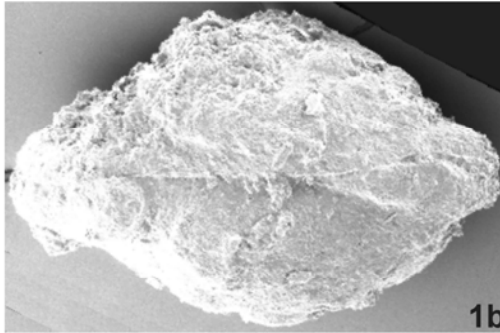


Tafel 41

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1: *Glenocythere bahreinensis* AL-ABDUL-RAZZAQ, 1979; Profil Xabaal Garure, Probe XGa91; mittleres Cenoman.
O.Nr. TUB-SOU 4, L: 1,08 mm, 1a: GL; 1b: GD.
- Fig. 2, 3: *Cythereis* sp. aff. *C. phoenissa* BISCHOFF, 1963; Profil Las Koreh, Probe LKo13; (tieferes) Alb.
2: O.Nr. TUB-SOU 73, L: 0,82 mm, 2a: GL; 2b: GD. 3: O.Nr. TUB-SOU 74, L: 0,78 mm, 3a: GR; 3b: GD.
- Fig. 4, 6-8: *Glenocythere* cf. *bahreinensis* AL-ABDUL-RAZZAQ, 1979; (tieferes) Alb.
4, 6, 7: Profil Las Koreh, Probe LKo13. 4, 6: WW. 4: O.Nr. TUB-SOU 1, L: 0,88 mm, 4a: GR (Ansicht leicht nach vorne gedreht); 4: GD. 6: GL, O.Nr. TUB-SOU 2, L: 1,02 mm. 7: M, O.Nr. TUB-SOU 3, L: 0,96 mm, 7a: GR; 7b: GD.
8: Profil Xabaal Garure, Probe XGa67a. WLK (Ornamentierung vermutlich erodiert), O.Nr. TUB-SOU 248x, L: 0,92 mm.
- Fig. 5: *Cythereis* sp.; Profil Las Koreh, Probe LKO 13, (tieferes) Alb.
O.Nr. TUB-SOU 225, L: 78 mm, 5a: GL; 5b: GD.
- Fig. 9-11: „*Glenocythere*“ *klitzschi* n.sp.; Profil Xabaal Garure, Probe XGa61a; unteres Alb.
9, 10: WW. 9: Holotyp, GL, O.Nr. TUB-SOU 88, L: 0,86 mm. 10: O.Nr. TUB-SOU 87, L: 0,82 mm, 10a: GR; 10b: GD. 11: M, O.Nr. TUB-SOU 89, L: 1,01 mm, 11a: GL; 11b: GD.
- Fig. 12, 13: „*Glenocythere*“ sp.; Profil Xabaal Garure, Probe XGa91; mittleres Cenoman.
12: O.Nr. TUB-SOU 146, L: 0,73, 12a: GR; 12b: GD. 13: O.Nr. TUB-SOU 147, L: 0,83 mm, 13a: LK; 13b: RKD.

Tafel 41

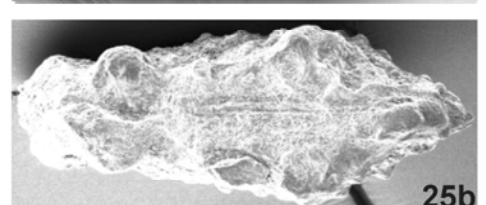
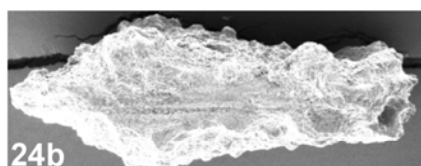
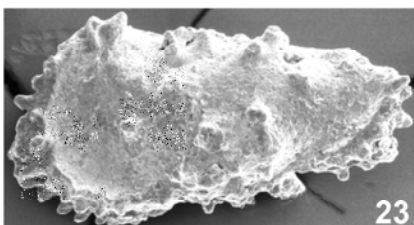
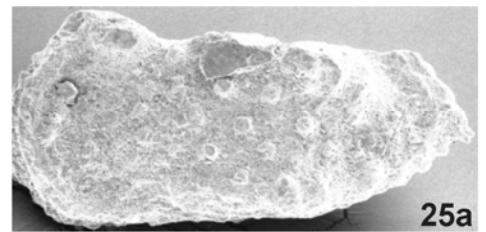
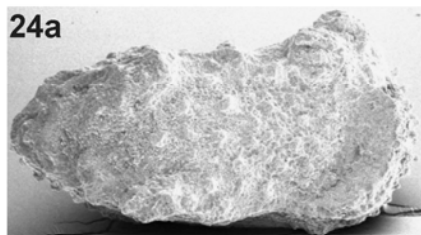
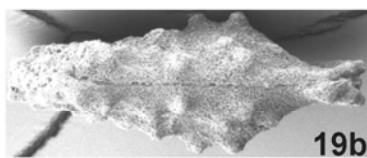
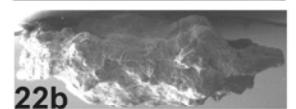
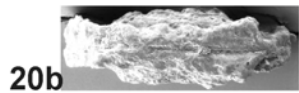
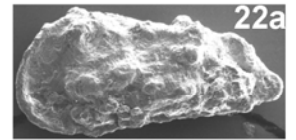
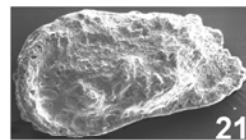
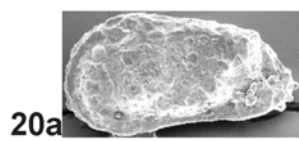
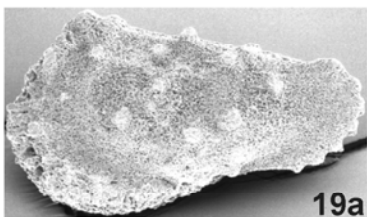
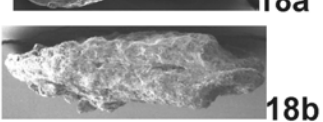
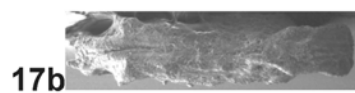
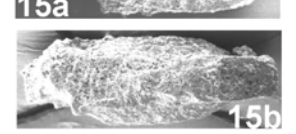
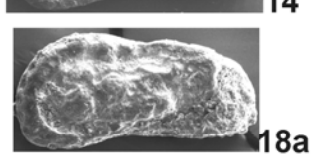
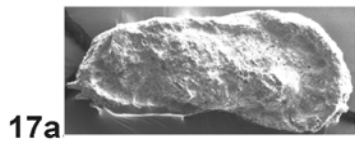
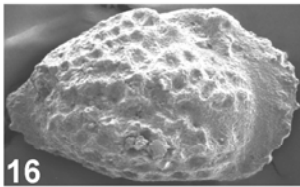
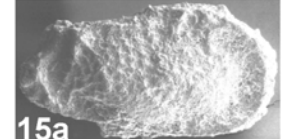
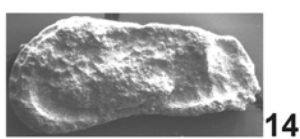
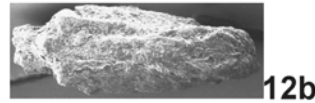
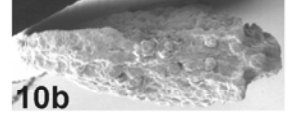
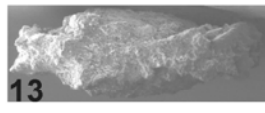
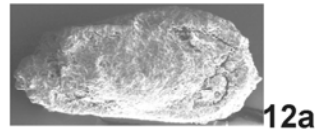
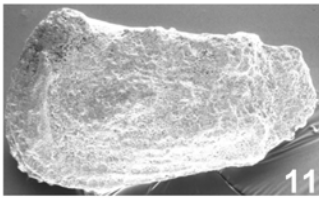
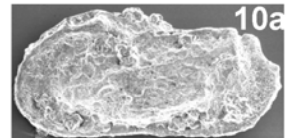
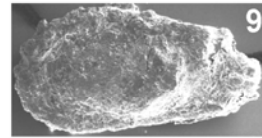
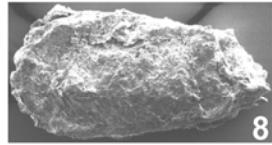
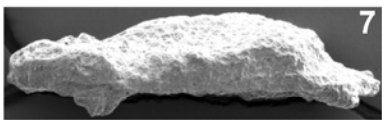
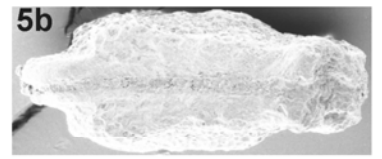
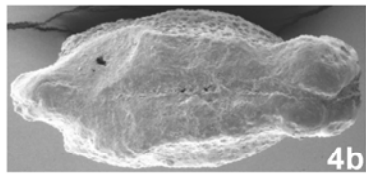
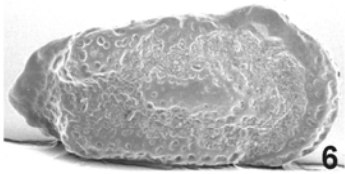
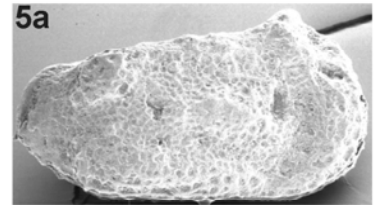
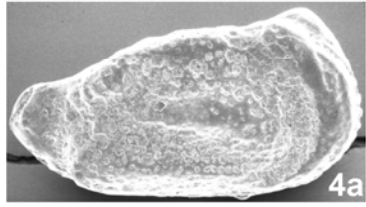
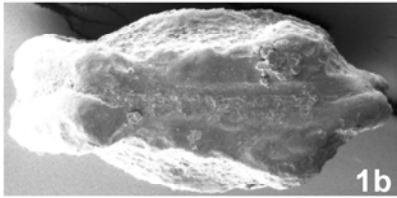
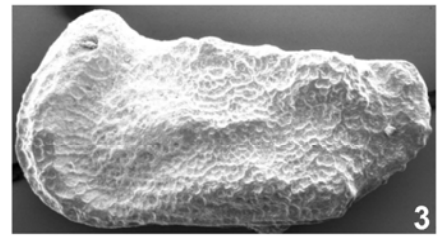
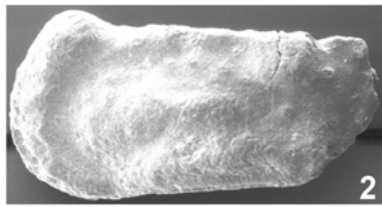
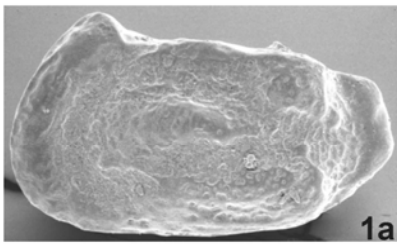


Tafel 42

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1-7, 11: *Mandocythere ghabounensis insutea* (BISCHOFF, 1963); unteres oberes Apt.
 1, 4, 6: Profil Dhadhabo, Probe Dha26. 1: W, O.Nr. TUB-SOU 44, L: 0,83 mm, 1a: GL; 1b: GD. 4: ?M/A-1, O.Nr. TUB-SOU 46, L: 0,76 mm, 4a: GR; 4b: GD (Exemplar posterodorsal beschädigt). 6: ?W/A-1 RK, O.Nr. TUB-SOU 45, L: 0,72 mm.
 2, 3, 5, 7, 11: Profil Xabaal Garure, Probe XGa36. 2: ?M/A-1 LK, O.Nr. TUB-SOU 221, L: 0,80 mm (Exemplar mit reduzierter Retikulation, ?Erhaltung). 3: MLK, O.Nr. TUB-SOU 8, L: 0,91 mm. 5: ?W/A-1, O.Nr. TUB-SOU 6, L: 0,763 mm, 5a: GR; 5b: GD. 7: WRKD, O.Nr. TUB-SOU 7, L: 0,80 mm. 11: JGL, O.Nr. TUB-SOU 222, L: 0,67 mm.
- Fig. 8, 9, 12, 13: „*Occultocythereis*“ cf. *arabica* AL-FURAIH 1980; Profil Tisje, Probe Tis37; unteres Paleozän.
 8, 12: MM. 8: GL, O.Nr. TUB-SOO 254, L: 0,56 mm. 12: O.Nr. TUB-SOO 254, L: 0,52 mm, 12a: GR; 12b: GD. 9, 13: WW. 9: GL, O.Nr. TUB-SOO 249, L: 0,53 mm. 13: GD, O.Nr. TUB-SOO 255, L: 0,55 mm.
- 10, 15: „*Occultocythereis*“ *celata* (AL-FURAIH) 1984; Profil Tisje.
 10: Probe Tis2; Campan. O.Nr. TUB-SOO 52, L: 0,57 mm, 10a: GL; 10b: GD.
 15: Probe Tis17; Maastricht. O.Nr. TUB-SOO 63, L: 0,56 mm, 15a: GR; 15b: GD.
- Fig. 14, 17, 18: „*Occultocythereis*“ *alfuraihii* n.sp.; Profil Tisje, Probe Tis2; Campan.
 14, 18: WW, 14: Holotyp, GL, O.Nr. TUB-SOO 294, L: 0,54 mm. 18: O.Nr. TUB-SOO 295, L: 0,51 mm, 18: GL; 18a: GD. 17: M, O.Nr. TUB-SOO 292, L: 0,61 mm, 17a: GR; 17b: GD.
- Fig. 16: „*Glenocythere*“ sp.; Profil Manna'a, Probe Man68; unteres Cenoman.
 RK, O.Nr. TUB-SOO 293, L: 0,63 mm.
- Fig. 19, 23: „*Parexophthalmocythere*“ sp.; Profil Tisje; Maastricht.
 19: Probe Tis17. O.Nr. TUB-SOO 294, L: 0,77 mm, 19a: GL; 19b: GD.
 23: Probe Tis13. GL, L: 0,88 mm.
- Fig. 20-22: Parvacythereini Gen. indet. sp. 1; Profil Tisje, Probe Tis2; Campan.
 20, 21: WW, 20: O.Nr. TUB-SOO 51, L: 0,49 mm, 20a: GL; 20b: GD. 21: GL, O.Nr. TUB-SOO 285, L: 0,49 mm. 22: M. O.Nr. TUB-SOO 284, L: 0,57 mm, 22a GL; 22b: GD,
- Fig. 24, 25: *Peloriops ziregensis* (BASSOULLET & DAMOTTE) 1969; Profil Las Koreh, Probe LKo22; mittleres Alb.
 24: W, O.Nr. TUB-SOU 41, L: 0,89 mm, 24a: GR; 24b: GD. 25: M, O.Nr. TUB-SOU 42, L: 0,99 mm, 25a: GL, 25b: GD.

Tafel 42



Tafel 43

Alle Objekte ca. 60x, Nordsomalia.

Fig. 1-4: *Peloriops ziregensis* (BASSOULLET & DAMOTTE) 1969; mittleres Alb.

1, 4: Profil Las Koreh.

1: Probe LKo22. ?W/A-1, O.Nr. TUB-SOU 40, L: 0,81 mm, 1a: GL; 1b: GD.

4: Probe LKo16. ?A-1, O.Nr. TUB-SOU 237, L: 0,80 mm, 4a: GR, 4b: GD.

2, 3: Profil Xabaal Garure.

2: Probe XGa66. W, O.Nr. TUB-SOU 47, L: 0,67 mm, 2a:GR; 2b: GD.

3: Probe XGa76. M, O.Nr. TUB-SOU 99, L: 0,76 mm, 3a: GR; 3b: GD.

Fig. 5-10: *Peloriops phumatoides* (DAMOTTE und OERTLI), 1982; Profil Tisje.

5-8, 10: Probe Tis2; Campan. 5, 7: WW. 5: LK, O.Nr. TUB-SOO 80, L: 0,84 mm. 7: RK, O.Nr. TUB-SOO 81, L: 0,84 mm. 6: M, O.Nr. TUB-SOO 82, L: 0,84 mm, 6a: GL;

6b: GD. 8: Juv., O.Nr. TUB-SOO 83, L: 0,68 mm, 8a: GL; 8b: GD. 10: ?MRKI, O.Nr. TUB-SOO 276, L: 0,82 mm.

9: Probe Tis17; Maastricht. WGD, O.Nr. TUB-SOO 158, L: 0,78 mm.

11: *Peloriops* sp. aff. *P. elassoicyota* AL ABDUL-RAZZAQ, 1979; Profil Las Koreh, Probe LKo13; (tieferes) Alb.

O.Nr. TUB-SOU 35, L: 0,69mm, 11a: GL; 11b: GD.

12: „*Planileberis*“ *malzi* (BISCHOFF); Profil Xabaal Garure, Probe XGa63a; unteres Alb.

O.Nr. TUB-SOU 226, L: 0,77 mm, 12a: GR; 12b: GD.

Fig. 13-17: *Rehacythereis btaterensis* cf. *imminuticostata* (BISCHOFF, 1963), Profil Xabaal Garure, Probe XGa40; oberes Apt.

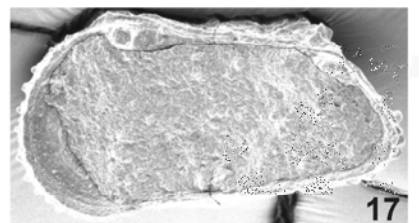
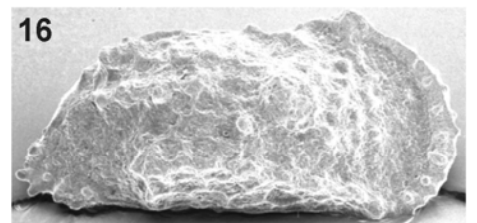
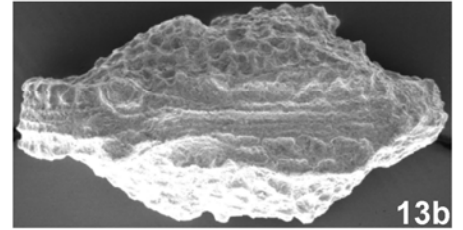
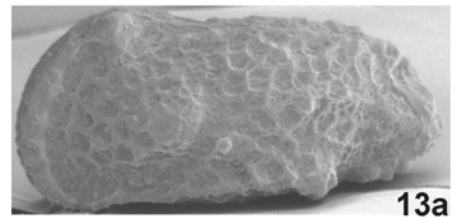
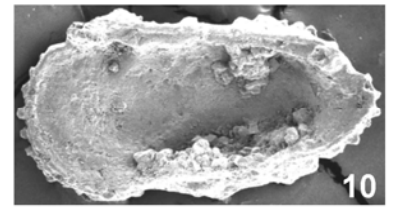
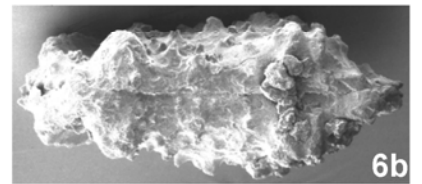
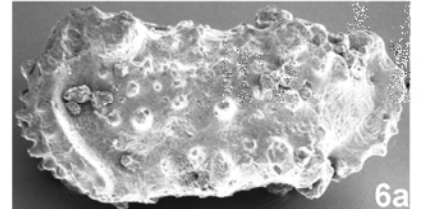
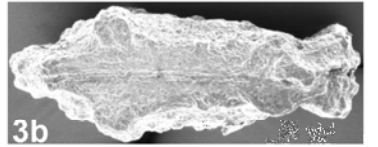
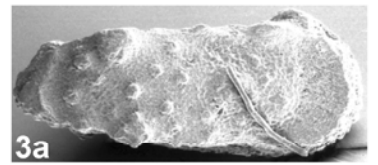
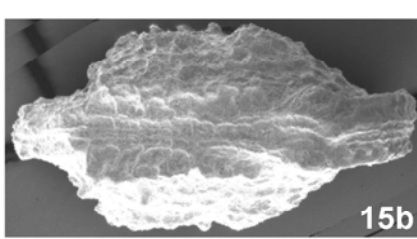
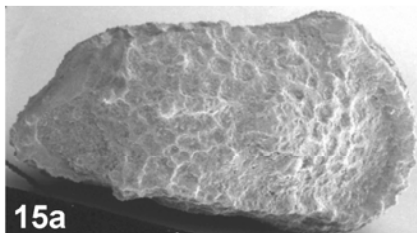
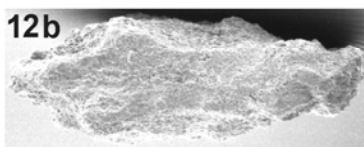
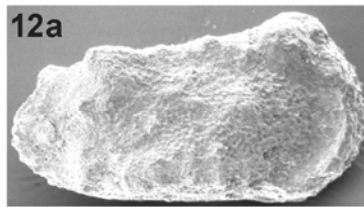
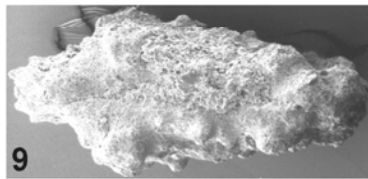
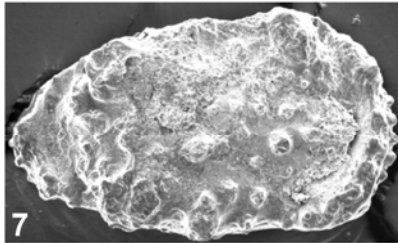
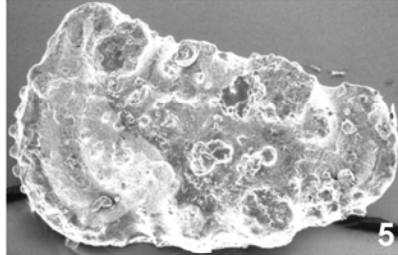
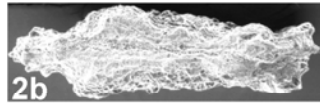
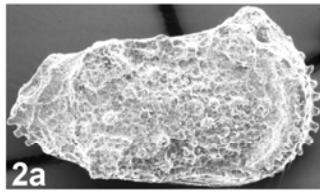
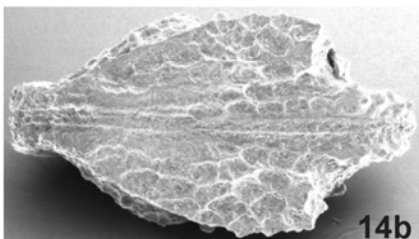
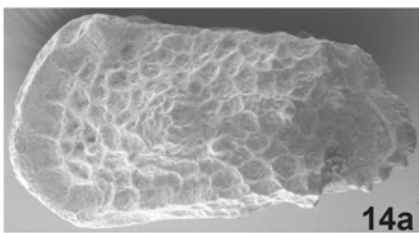
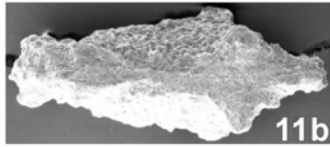
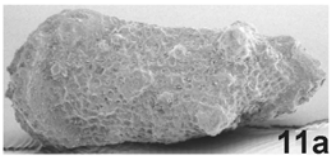
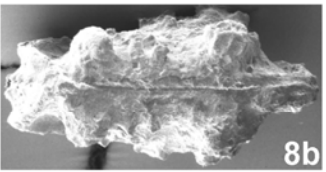
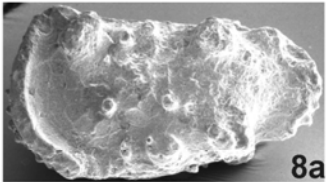
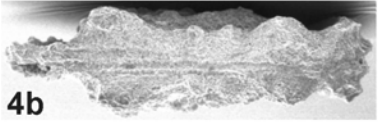
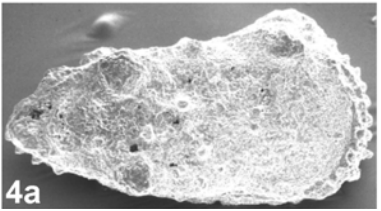
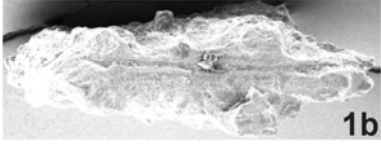
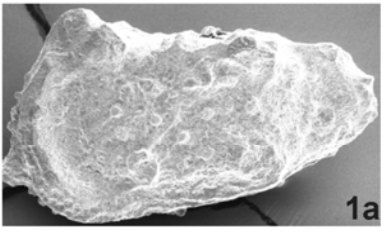
13, 16: MM. 13: O.Nr. TUB-SOU 69, L: 0,94 mm, 13a: GL; 13b: GD. 16: RK, O.Nr.

TUB-SOU 68, L: 0,97 mm. 14, 15: WW. 14: O.Nr. TUB-SOU 67, L: 0,89 mm, 14a:

GL; 14b: GV. 15: O.Nr. TUB-SOU 66, L: 0,89 mm, 15a: GR; 15b: GD. 17: ?A-1 RKI,

O.Nr. TUB-SOU 70, L: 0,84 mm.

Tafel 43

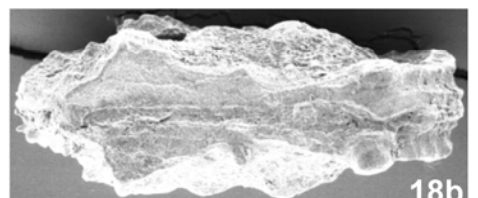
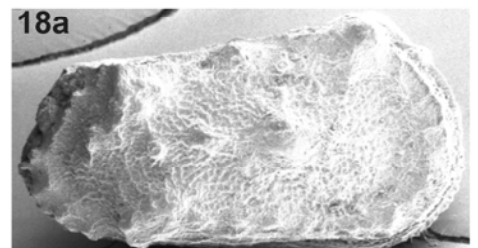
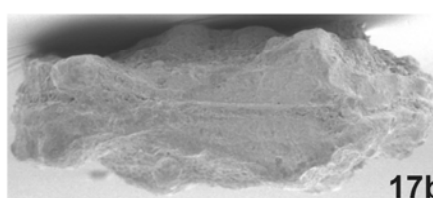
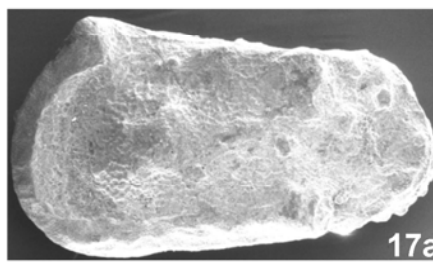
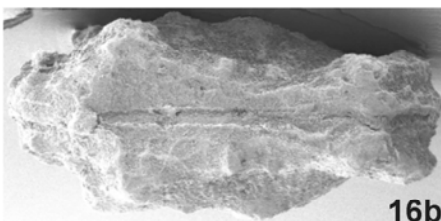
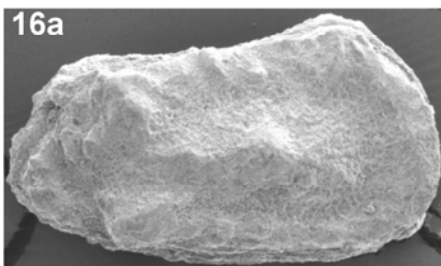
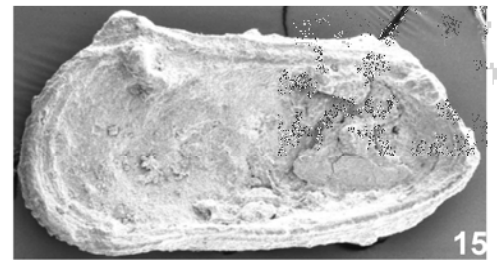
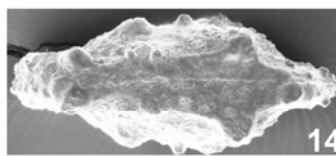
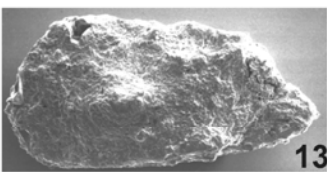
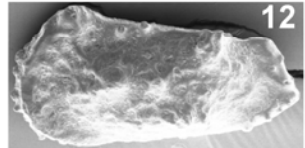
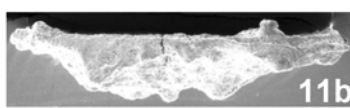
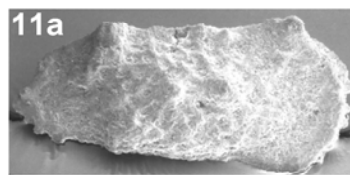
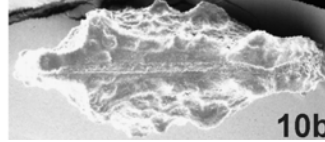
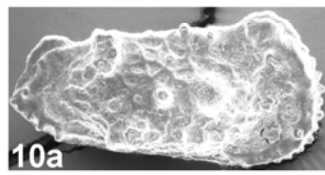
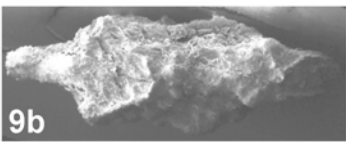
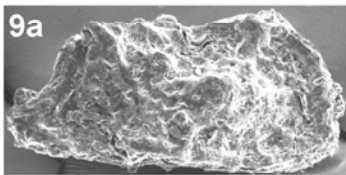
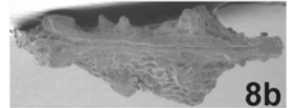
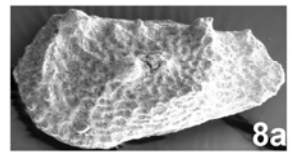
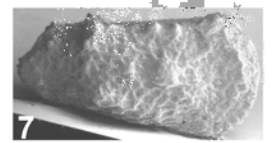
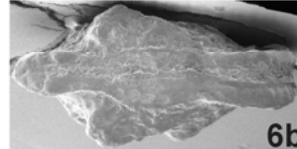
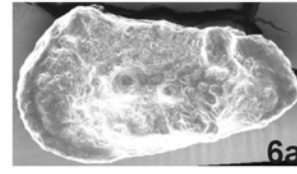
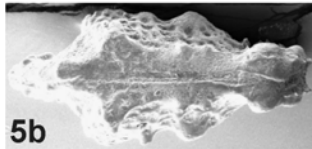
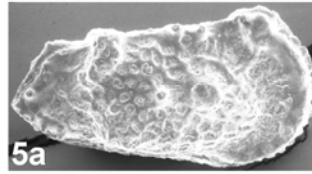
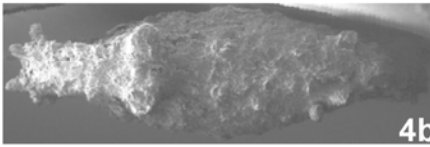
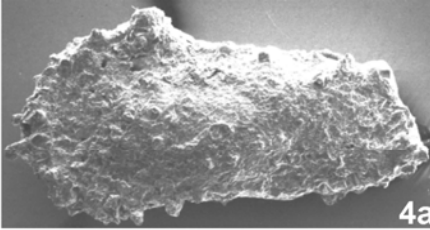
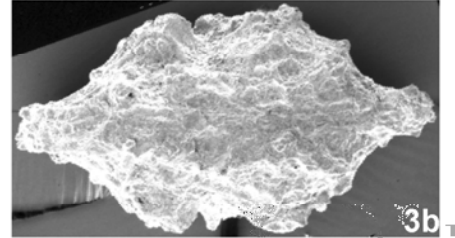
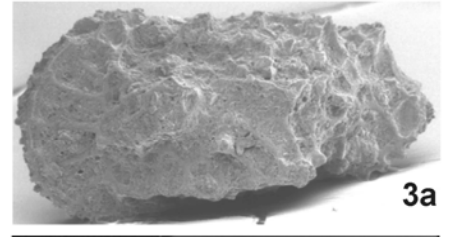
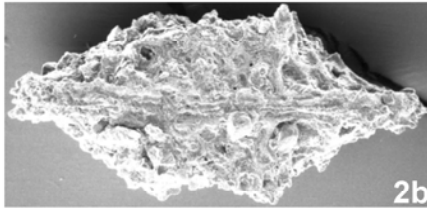
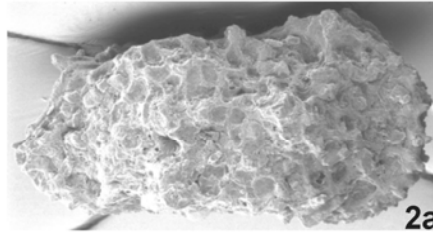
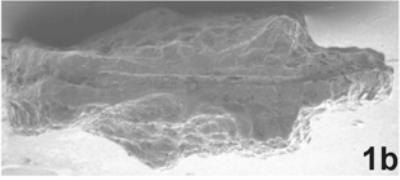
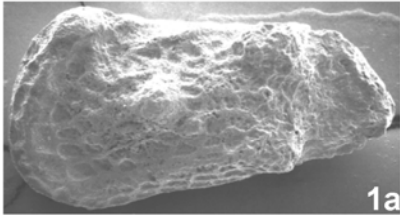


Tafel 44

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1: *Rehacythereis* sp. gr. *btaterensis* (BISCHOFF, 1963); Profil Xabaal Garure, Probe XGa61a; unteres Alb.
O.Nr. TUB-SOU 67, L: 0,84mm, 1a: GL; 1b: GD.
- Fig. 2, 3: *Rehacythereis* aff. *R. fahrioni* (BISCHOFF), 1963; Profil Xabaal Garure, Probe XGa101; mittleres Cenoman.
2: O.Nr. TUB-SOU 54, L: 0,91 mm, 2a: GR; 2b: GV. 3: O.Nr. TUB-SOU 53, L: 0,91 mm, 3a: GL; 3b: GD.
- Fig. 4: *Schizoptocythere torquata* SIDDIQUI und AL-FURAIH 1981; Profil Tisje, Probe Tis37; unteres Paleozän.
O.Nr. TUB-SOU 244, L: 0,93 mm, 4a: GL; 4b: GD.
- Fig. 5-8, 10-12, 14: *Spinoleberis majorani* n.sp.; unteres oberes Apt.
5, 6, 10, 12, 14: Profil Dhadhabo, Probe Dha26. 5, 6: WW. 5: Holotyp, O.Nr. TUB-SOU 25, L: 0,66 mm, 5a: GR; 5b: GD. 6: O.Nr. TUB-SOU 26, L: 0,61 mm, 6a: GL; 6b: GD. 10, 12, 14: MM. 10: O.Nr. TUB-SOU 27, L: 0,68 mm, 10a: GR; 10b: GD. 12: GL, O.Nr. TUB-SOU 28, L: 0,62 mm. 14: GD, O.Nr. TUB-SOU 31, L: 0,70 mm.
7, 8, 11: Profil Xabaal Garure, Probe XGa36. 7, 8: Juv. 7: GR, O.Nr. TUB-SOU 61, L: 0,52 mm. 8: O.Nr. TUB-SOU 60, L: 0,58 mm, 8a: GL; 8b: GD. 11: M. O.Nr. TUB-SOU 58, L: 0,74 mm, 11a: RK; 11b: RKD.
- Fig. 9, 13: *Spinoleberis obvia* AL-FURAIH 1980, Profil Tisje, Probe Tis37; unteres Paleozän.
9: M, O.Nr. TUB-SOU 247, L: 0,73 mm, 9a: GR; 9b: GD. 10: WGL, O.Nr. TUB-SOU 248, L: 0,68 mm.
- Fig. 15-18: „*Spinoleberis*“? *donzei* n.sp. MTA; Profil Las Koreh, Probe LKo13; mittleres Alb.
15, 18: MM, 15: RKI, O.Nr. TUB-SOU 39, L: 1,02 mm. 18: O.Nr. TUB-SOU 38, L: 0,98 mm, 18a: GR; 18b: GD. 16, 17: WW. 16: Holotyp, O.Nr. TUB-SOU 36, L: 0,94 mm, 16a: GR, 16b: GR. 17: O.Nr. TUB-SOU 203, L: 0,93 mm, 17a: GL; 17b: GD.

Tafel 44

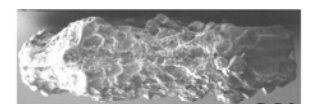
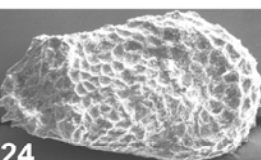
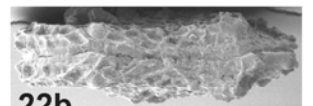
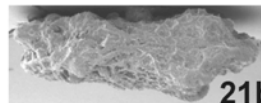
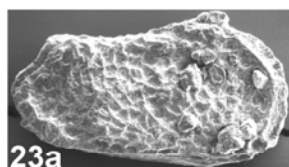
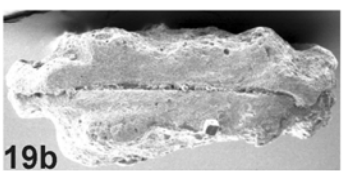
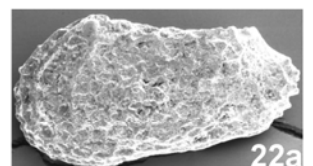
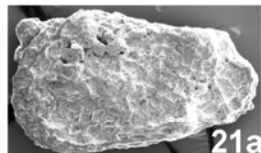
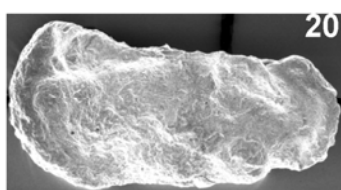
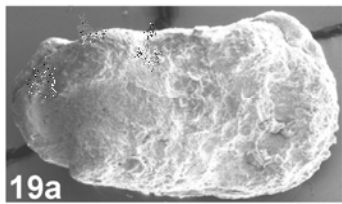
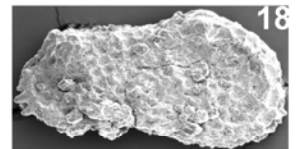
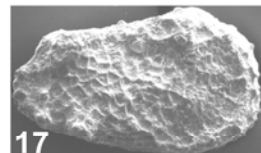
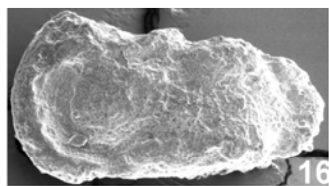
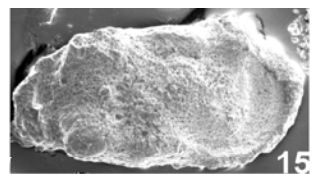
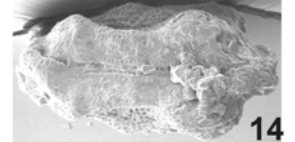
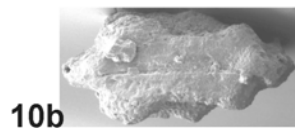
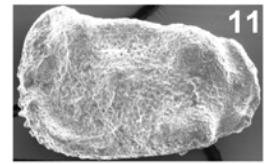
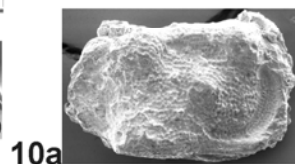
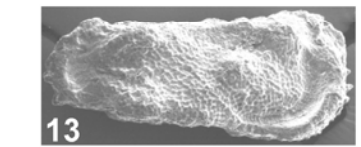
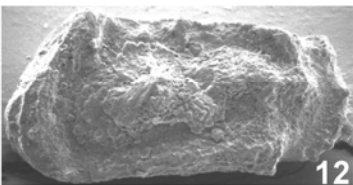
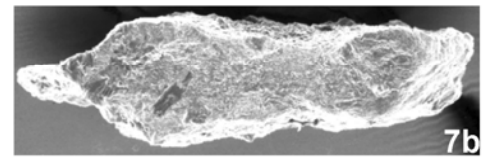
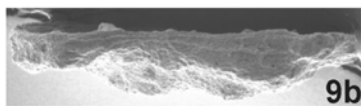
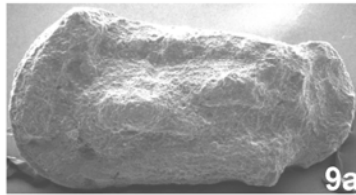
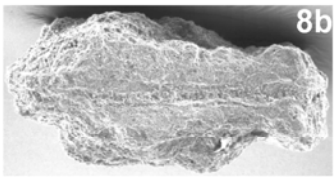
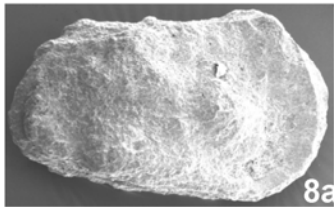
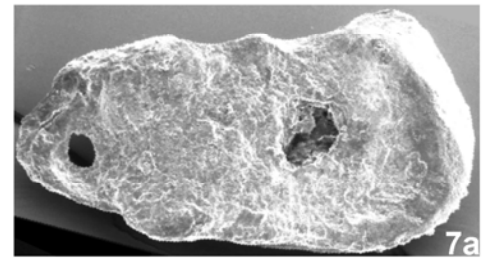
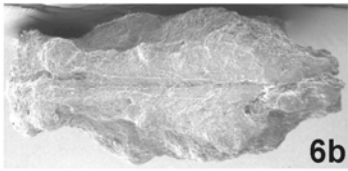
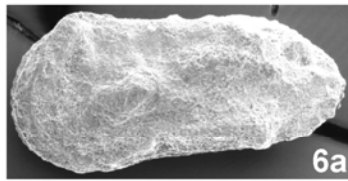
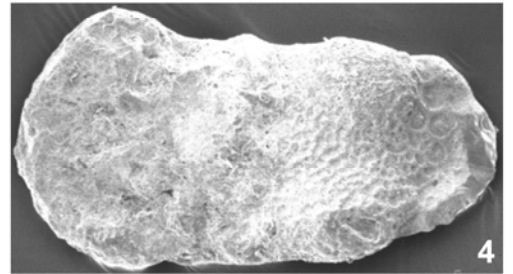
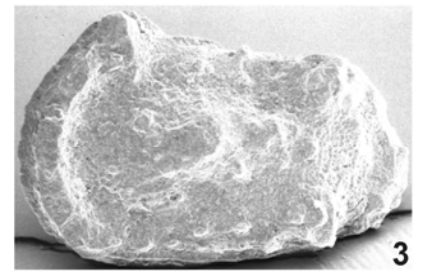
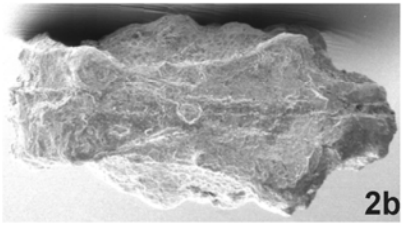
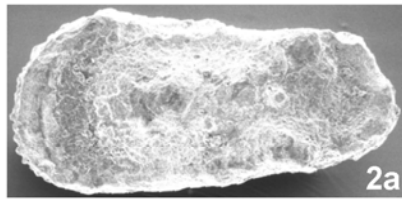
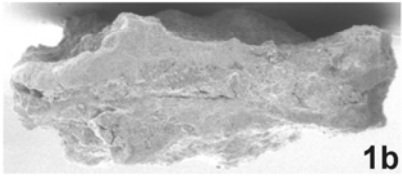
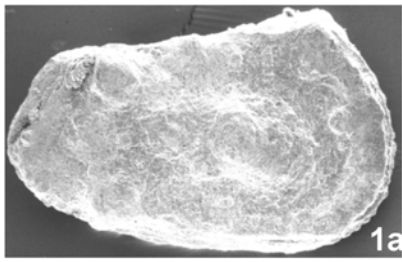


Tafel 45

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1-3: „*Spinoleberis*“? *donzei* n.sp.; Profil Las Koreh, Probe LKo13; mittleres Alb.
 1, 3: MTA, A-1. 1: O.Nr. TUB-SOU 204, L: 0,85 mm, 1a: GR; 1b: GD. 3: GL, O.Nr. TUB-SOU 37, L: 0,84 mm.
 2: MTB. O.Nr. TUB-SOU 206, L: 0,86 mm, 2a: GL; 2b: GD.
- Fig. 4, 7: *Strigosocythere* sp.; Profil Xabaal Garure, Probe XGa66; unteres Alb.
 4: ?W LK, O.Nr. TUB-SOU 224, L: 1,06 mm (Exemplar in der vorderen Hälfte beschädigt). 7: ?M, O.Nr. TUB-SOU 49, L: 0,99 mm, 7a: GR; 7b: GD.
- Fig. 5, 6, 8, 9, 12: „*Spinoleberis*“? cf. *Spinoleberis*? IRK 20 GROSDIDIER, 1973; Profil Xabaal Garure, Probe XGa66; unteres Alb.
 5, 8, 12: WW. 5: LK, O.Nr. TUB-SOU 51, L: 0,67 mm. 8: O.Nr. TUB-SOU 50, L: 0,70 mm, 8a: GR; 8b: GD. 12: GL, O.Nr. TUB-SOU 271, L: 0,75 mm (Exemplar dorsal leicht verdrückt). 6, 9: MM. 6: O.Nr. TUB-SOU 52, L: 0,73 mm, 6a:GL; 6b: GD. 9: O.Nr. TUB-SOU 272, L: 0,75 mm, 9a: LK; 9b: LKD.
- Fig. 10, 11, 13, 14: *Strigosocythere*? *subrectangulata* n.sp.; Profil Tisje, Probe Tis2; Campan.
 10, 11, 14: WW. 10: O.Nr. TUB-SOO 54, L: 0,50 mm, 10a: GR (Exemplar hinten medioventral beschädigt); 10b: GD. 11: Holotyp, GL, O.Nr. TUB-SOO 55, L: 0,52 mm. 14: GD, O.Nr. TUB-SOO 72, L: 0,57 mm. 13: MGR, O.Nr. TUB-SOO 274, L: 0,66 (Abbildung der Dorsalansicht aus technischen Gründen nicht möglich; Exemplar nicht beschädigt).
- Fig. 15, 16, 19, 20: *Strigosocythere*? cf. *tetrancota* AL-ABDUL-RAZZAQ 1979; Profil Tisje, Probe Tis2; Campan.
 15, 16, 19: WW. 15: RK, O.Nr. TUB-SOO 73, L: 0,64 mm. 16: GL, O.Nr. TUB-SOO 76, L: 0,67 mm. 19: O.Nr. TUB-SOO 74, L: 0,71 mm, 19a: GR (Exemplar vor der Mitte unterhalb des Dorsalbereichs beschädigt); 19b: GD. 20: MGR, O.Nr. TUB-SOO 77, L: 0,71 mm.
- Fig. 17, 18, 21-24: *Trachyleberidea*? *bismuthi* n.sp.; Profil Tisje, Probe Tis2; Campan.
 17, 21, 24: WW. 17: Holotyp, GL, O.Nr. TUB-SOO 288, L: 0,53 mm. 21: O.Nr. TUB-SOO 48, L: 0,53 mm, 21a: GL; 21b: GD. 24: GR, O.Nr. TUB-SOO 289, L: 0,56 mm. 18, 22, 23: MM. 18: GR, O.Nr. TUB-SOO 49, L: 0,58 mm (Exemplar posteromedian ventral eingedrückt). 22: O.Nr. TUB-SOO 50, L: 0,62 mm, 22a: GL; 22b: GD. 23: O.Nr. TUB-SOO 290, L: 0,59 mm, 23a: GR; 23b: GD.

Tafel 45

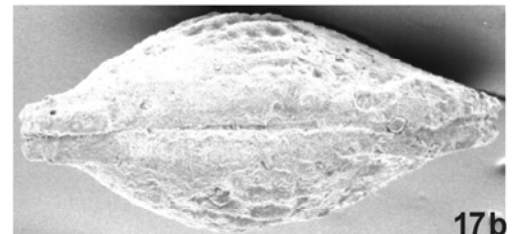
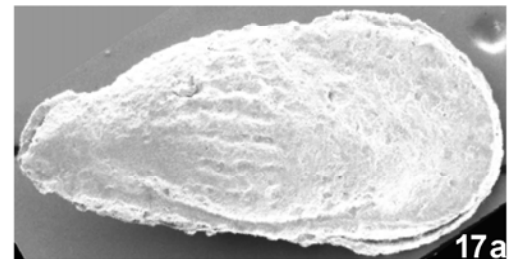
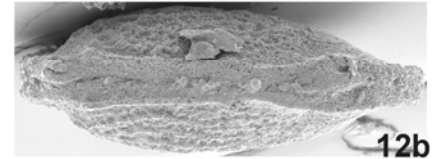
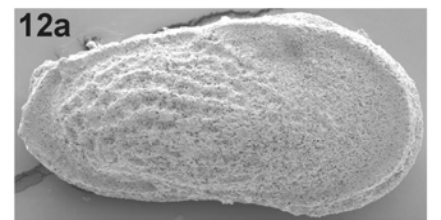
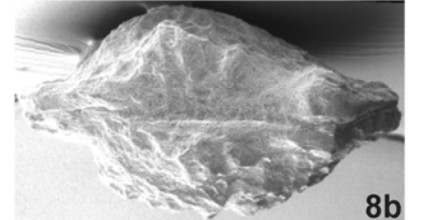
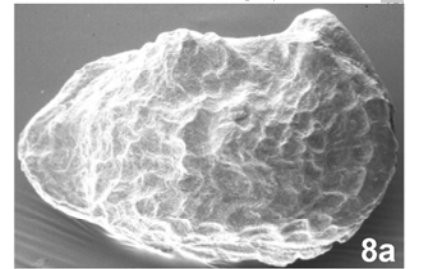
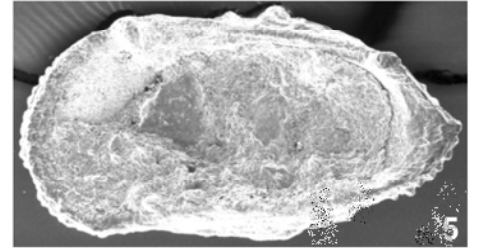
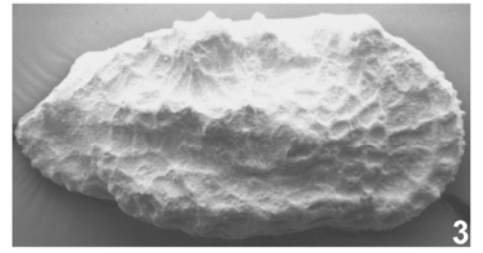
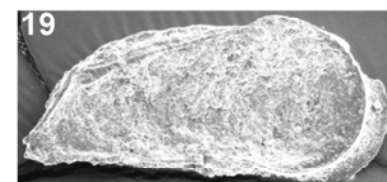
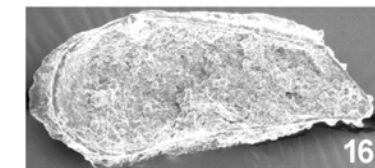
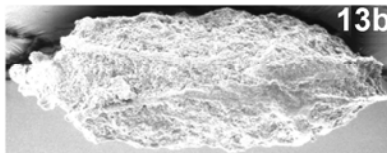
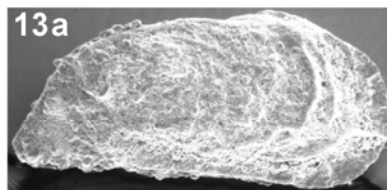
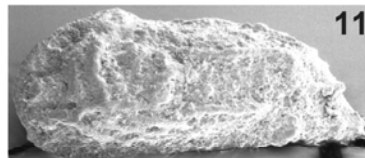
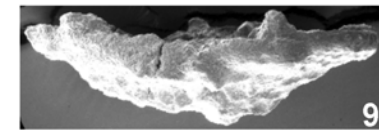
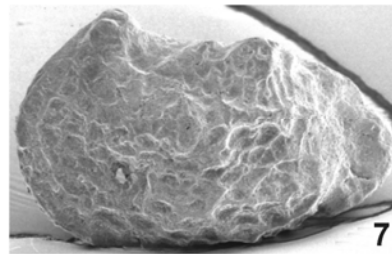
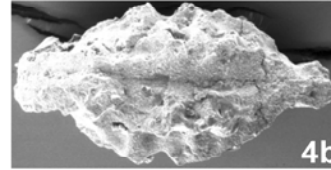
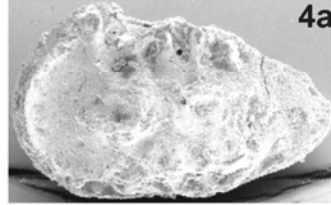
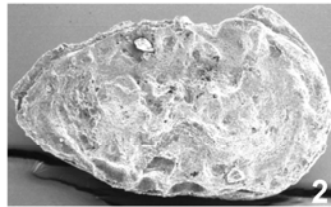
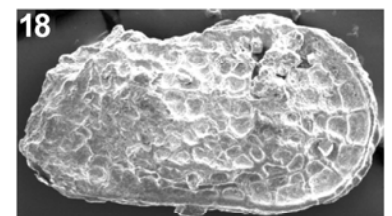
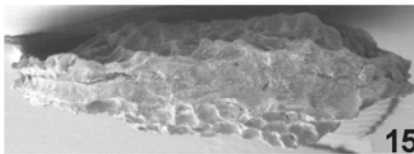
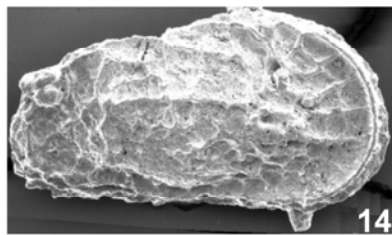
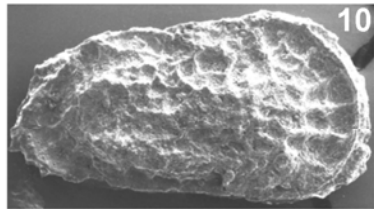
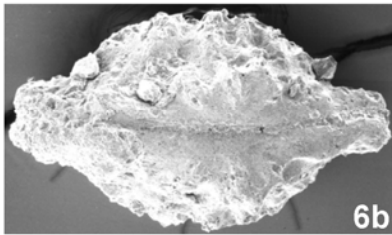
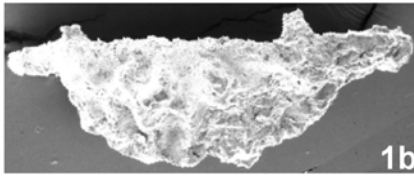
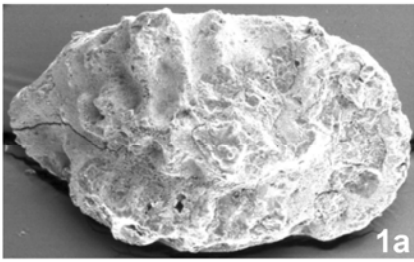


Tafel 46

Fig. 1- 9 ca. 60x, Fig. 10-20 ca. 80x, Nordsomalia.

- Fig. 1, 6: „*Veeniacythereis*“ gr. *jezzineensis* Typus *jezzineensis* (BISCHOFF, 1963); Profil Xabaal Garure, Probe XGa101; mittleres Cenoman.
1: O.Nr. TUB-SOU 84, L: 0,88 mm, 1a: RK; 1b: RKD. 6: O.Nr. TUB-SOU 83, L: 0,83 mm, 6a:LK (leicht verkippt); 6b: GD.
- Fig. 2, 4: „*Veeniacythereis*“ gr. *jezzineensis* Typus *streblolophata* (AL ABDUL RAZZAQ & GROSDIDIER, 1981); Profil Xabaal Garure, Probe XGa101; mittleres Cenoman.
2: GR, O.Nr. TUB-SOU 86, L: 0,69 mm. 4: O.Nr. TUB-SOU 85, L: 0,70 mm, 4a: GL; 4b: GD.
- Fig. 3, 5, 7-9: „*Veeniacythereis*“ *alabdulrazzaqi* n.sp.; Profil Las Koreh, Probe LKo22; mittleres Alb.
3, 5: MM. 3: RK, O.Nr. TUB-SOU 78, L: 0,98 mm. 5: RKI, O.Nr. TUB-SOU 80, L: 0,96 mm. 7-9: WW. 7: LK, O.Nr. TUB-SOU 76, L: 0,82 mm. 8: Holotyp, O.Nr. TUB-SOU 218, L: 0,83 mm, 8a: GR; 8b: GD. 9: RKD, O.Nr. TUB-SOU 77, L: 0,78 mm.
- Fig. 10, 14, 15, 18: *Brouwersicythere salehi* (AL FURAIH), 1984; Profil Tisje, Probe Tis2; Campan.
10, 18: WW. 10: GR, O.Nr. TUB-SOO 301, L: 0,59 mm. 18: GR, O.Nr. TUB-SOO 47, L: 0,59 mm. 14, 16: MM. 14: GR, O.Nr. TUB-SOO 44, L: 0,62 mm. 16: GD, O.Nr. TUB-SOO 43, L: 0,67 mm.
- Fig. 11, 13, 16, 19: *Bischofficythere* Gen. nov. *somaliensis* n.sp.; Profil Dhadhabo, Probe Dha25; unteres oberes Apt.
11, 19: MM. 11: Holotyp. LK. O.Nr. TUB-SOU 62, L: 0,58 mm. 19: LKI, O.Nr. TUB-SOU 64, L: 0,60 mm. 13, 16: WW. 13: O.Nr. TUB-SOU 63, L: 0,61 mm, 13a: GR; 13b: GD. 16: RKI, O.Nr. TUB-SOU 65, L: 0,56 mm.
- Fig. 12, 17: *Soudanella dolabrata* AL-FURAIH 1984; Profil Tisje.
12: Probe Tis17, Maastricht. O.Nr. TUB-SOO 306, L: 0,66 mm, 12a: GR; 12b: GD.
17: Probe Tis2, Campan. O.Nr. TUB-SOO 14, L: 0,80 mm, 14a: GR (Exemplar posterodorsal beschädigt); 14b: GD.

Tafel 46



Tafel 47

Alle Objekte ca. 60x, Nordsomalia.

Fig. 1, 2, 5: *Isalococythere? szzechurai* n.sp.; Profil Tisje, Probe Tis37; unteres Paleozän.

1, 5: MM. 1: O.Nr. TUB-SOO 237, L: 0,98 mm, 1a: GL; 1b: GD. 5: O.Nr. TUB-SOO 238, L: 0,98 mm, 5a: GR; 5b: GD. 2: Holotyp, W, O.Nr. TUB-SOO 239, L: 1,19 mm, 2a: GL; 2b: GD.

Fig. 3, 4: *Dameriacella* sp. aff. *D. tranquilis* (AL-FURAIH, 1980); Profil Tisje, Probe Tis2; Campan.

3: GR, O.Nr. TUB-SOO 27, L: 0,66 mm. 4: JGR, O.Nr. TUB-SOO 34, L: 0,47 mm.

Fig. 6, 8: *Soudanella dolabrata* AL-FURAIH, 1984; Profil Tisje, Probe Tis2; Campan.

6: WGR, O.Nr. TUB-SOO 11, L: 0,71 mm. 8: MGL, O.Nr. TUB-SOO 13, L: 0,78 mm.

Fig. 7: *Hornibrookella soliporosa* (AL-FURAIH, 1980); Profil Tisje, Probe Tis37; unteres Paleozän.

O.Nr. TUB-SOO 240, L: 0,96 mm, 7a: GR; 7b: GD.

Fig. 9, 13: *Paragrenocythere biclavata* AL-FURAIH, 1975; Profile Tisje, Probe Tis17; Maastricht.

9: GL (Juv?) O.Nr. TUB-SOO 178, L: 0,74 mm). 13: O.Nr. TUB-SOO 177, L: 0,85 mm, 13a: GR; 13b: GD.

Fig. 10, 11: *Phalcoocythere bullita* AL-FURAIH, 1980; Profil Tisje, Probe Tis37; unteres Paleozän.

10: GL, O.Nr. TUB-SOO 243, L: 0,78 mm. 11: GD, O.Nr. TUB-SOO 241, L: 0,74 mm.

Fig. 12, 15, 16: *Paragrenocythere* cf. *biclavata* AL-FURAIH, 1975; Profil Tisje, Probe Tis37; unteres Paleozän.

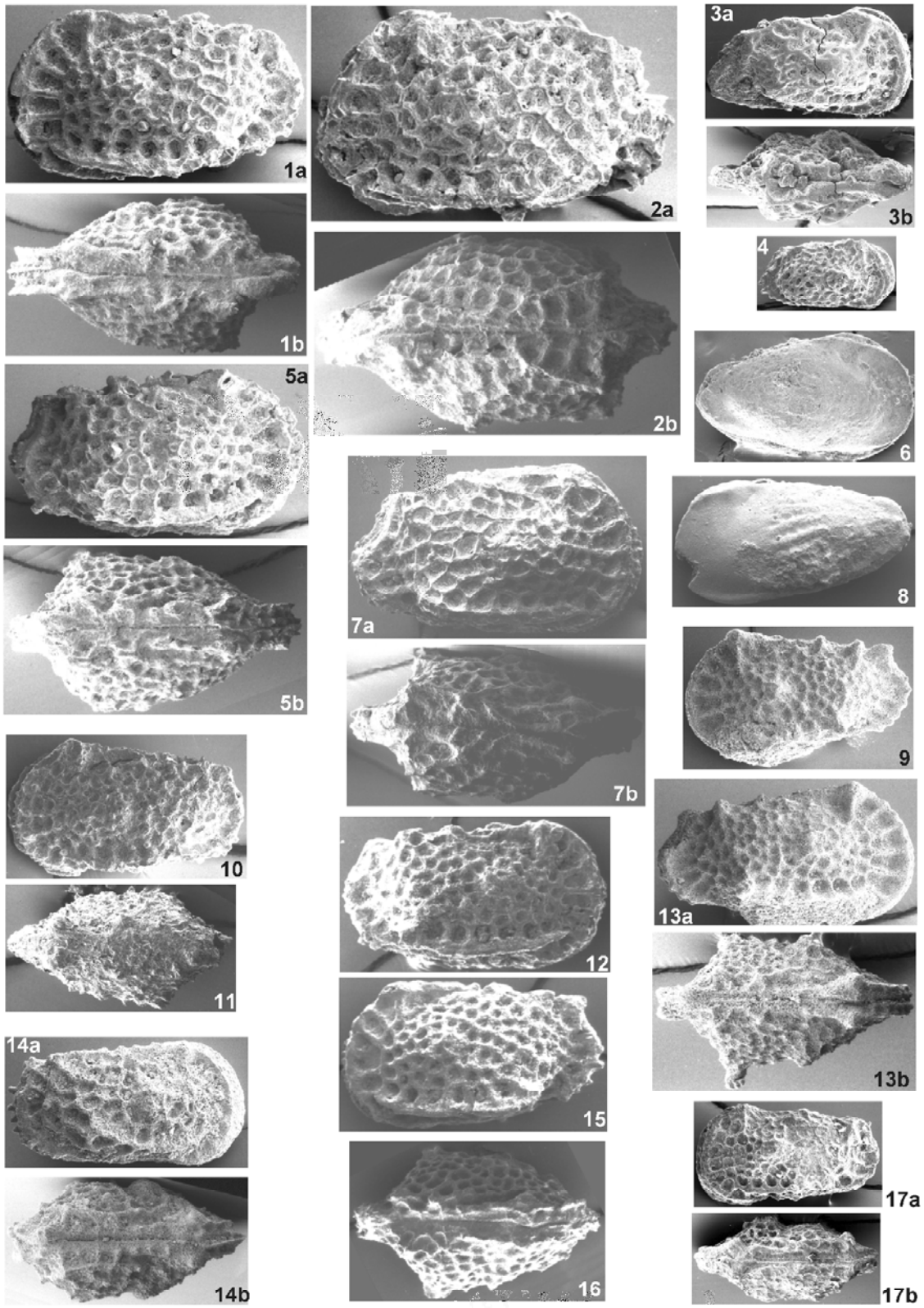
12: GR, O.Nr. TUB-SOO 234, L: 0,87 mm. 15: GL, O.Nr. TUB-SOO 235, L: 0,86 mm. 16: GD, O.Nr. TUB-SOO 236, L: 0,82 mm.

Fig. 14, 17: *Phalcoocythere hebes* AL-FURAIH 1980.

14: Profil Biyo Kulule, Probe BKu19; Maastricht. M, O.Nr. TUB-SOO 172, L: 0,78 mm, 14a: GR; 14b: GD.

17: Profil Tisje, Probe Tis2; Campan. O.Nr. TUB-SOO 28, L: 0,69 mm, 17a: GL; 17b: GD.

Tafel 47



Tafel 48

Alle Objekte ca. 80x, Nordsomalia.

Fig. 1, 2, 4, 9, 12: *Phalcoocythere hebes* AL-FURAIH 1980; Maastricht.

1: Profil Biyo Kulule, Probe BKu19. MGL, O.Nr. TUB-SOO 173, L: 0,74 mm.

2, 4, 9, 12 Profil Tisje.

2: Probe Tis17. JGR, O.Nr. TUB-SOO 173, L: 0,57 mm

4, 9, 12: Probe Tis13. 4: M, O.Nr. TUB-SOO 170, L: 0,76 mm, 4a: GR; 4b: GD. 9, 12: WW. 9: GR, O.Nr. TUB-SOO 169, L: 0,76 mm. 12: GD, O.Nr. TUB-SOO 168, L: 0,83 mm.

Fig. 3, 6, 8, 11, 13: Cytheracea Gen. indet. sp.; Profil Tisje, Probe Tis2; Campan.

3, 6, 13: ?MM. 3: O.Nr. TUB-SOO 298, L: 0,60 mm, 3a: GL; 3b: GD. 6: GL, O.Nr.

TUB-SOO 298. L: 0,60 mm. 13: LKI, O.Nr. TUB-SOO 299, L: 0,59 mm. 8, 11: ?WW.

8: O.Nr. TUB-SOO 59, L: 0,53 mm (Exemplar anterodorsal beschädigt), 8a: GL; 8b:

GD. 11: O.Nr. TUB-SOO 58, L: 0,50 mm, 11a: GR; 11b: GD.

Fig. 5, 7, 10: *Athersuchicythere* Gen. nov. *elongata* n.sp; Profil Tisje, Probe Tis2; Campan.

5: Holotyp, W, O.Nr. TUB-SOO 281, L: 0,67 mm, 5a: GL; 5b: GD (RK beschädigt). 7:

M, O.Nr. TUB-SOO 282, L: 0,63 mm, 7a: GL; 7b: GD. 10: JGL. O.Nr. TUB-SOO 283,

L: 0,55 mm.

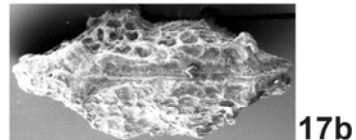
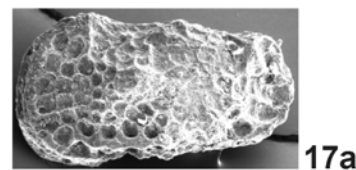
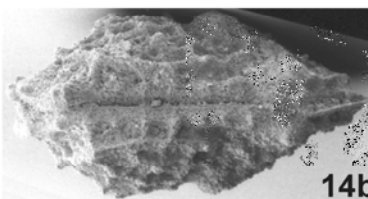
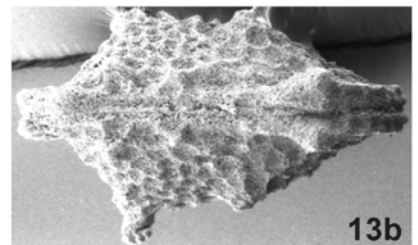
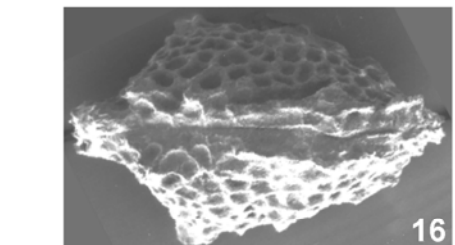
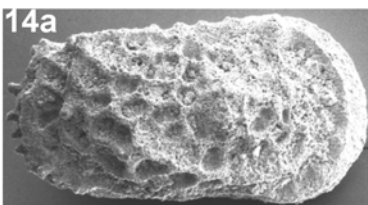
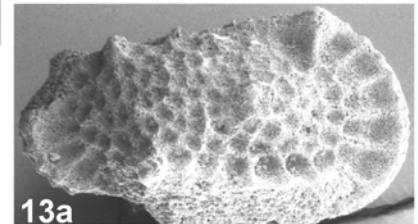
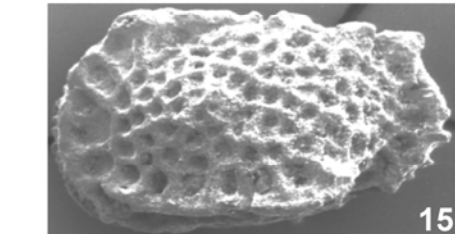
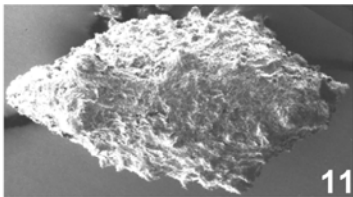
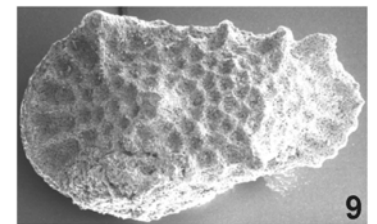
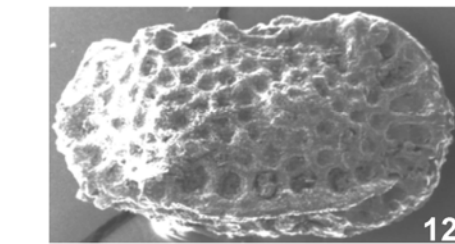
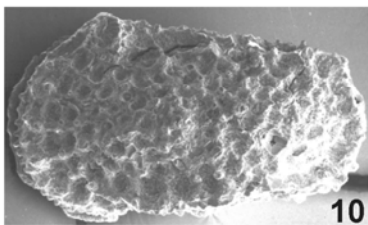
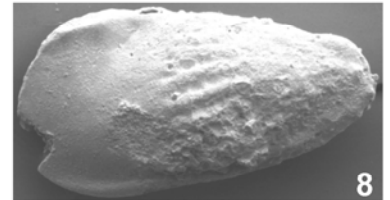
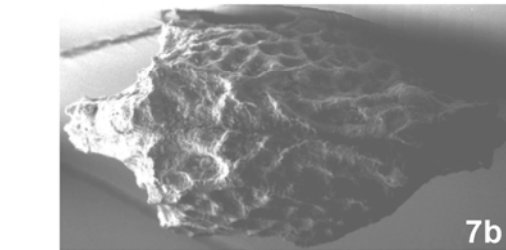
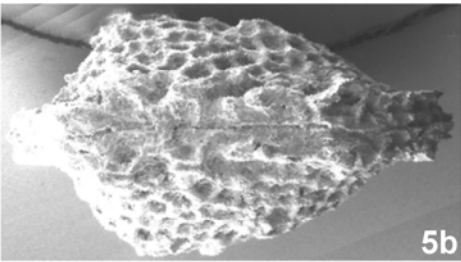
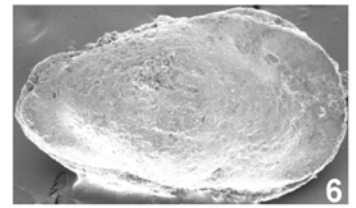
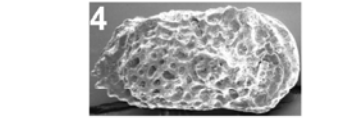
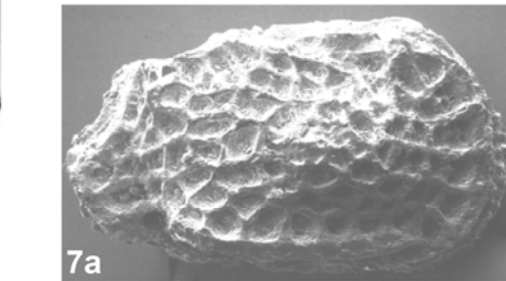
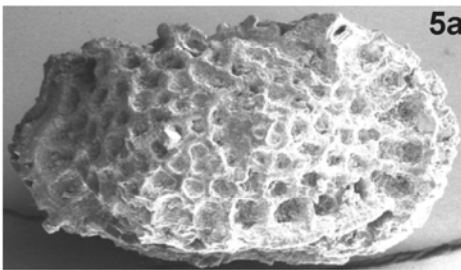
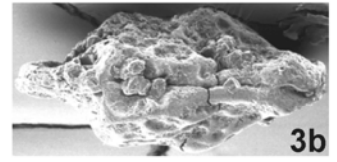
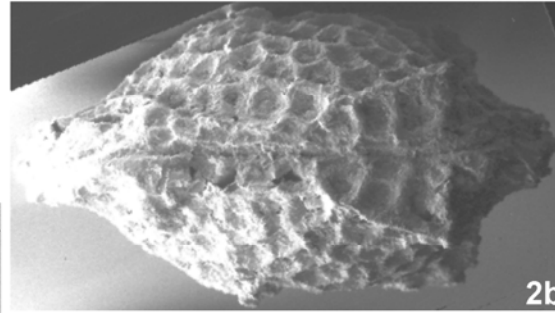
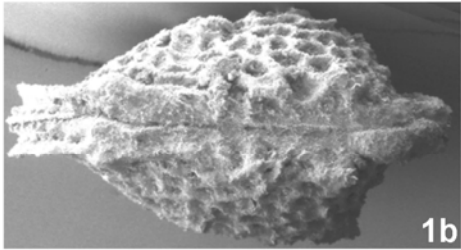
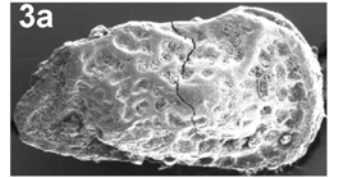
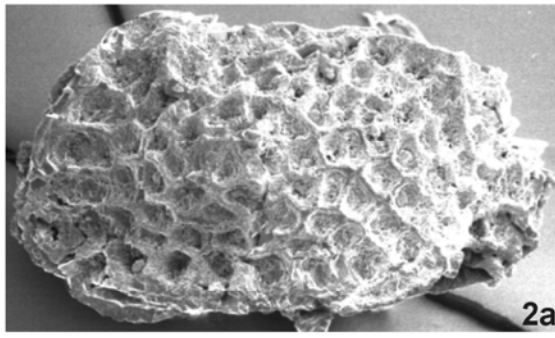
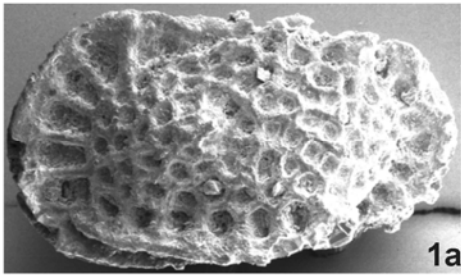
Fig. 14-16: *Uroleberis lacrimaeformis* LUGER, 1999; Profil Tisje, Probe Tis2; Campan.

14, 15: MM. 14: O.Nr. TUB-SOO 94, L: 0,52 mm, 14a: GR; 14b: GD. 15: O.Nr. TUB-

SOO 96, L: 0,53 mm, 15a: GR; 15b: GD. 16: W (Holotyp), O.Nr. TUB-SOO 93, L:

0,52 mm, 16a: GR; 16b: GD.

Tafel 48

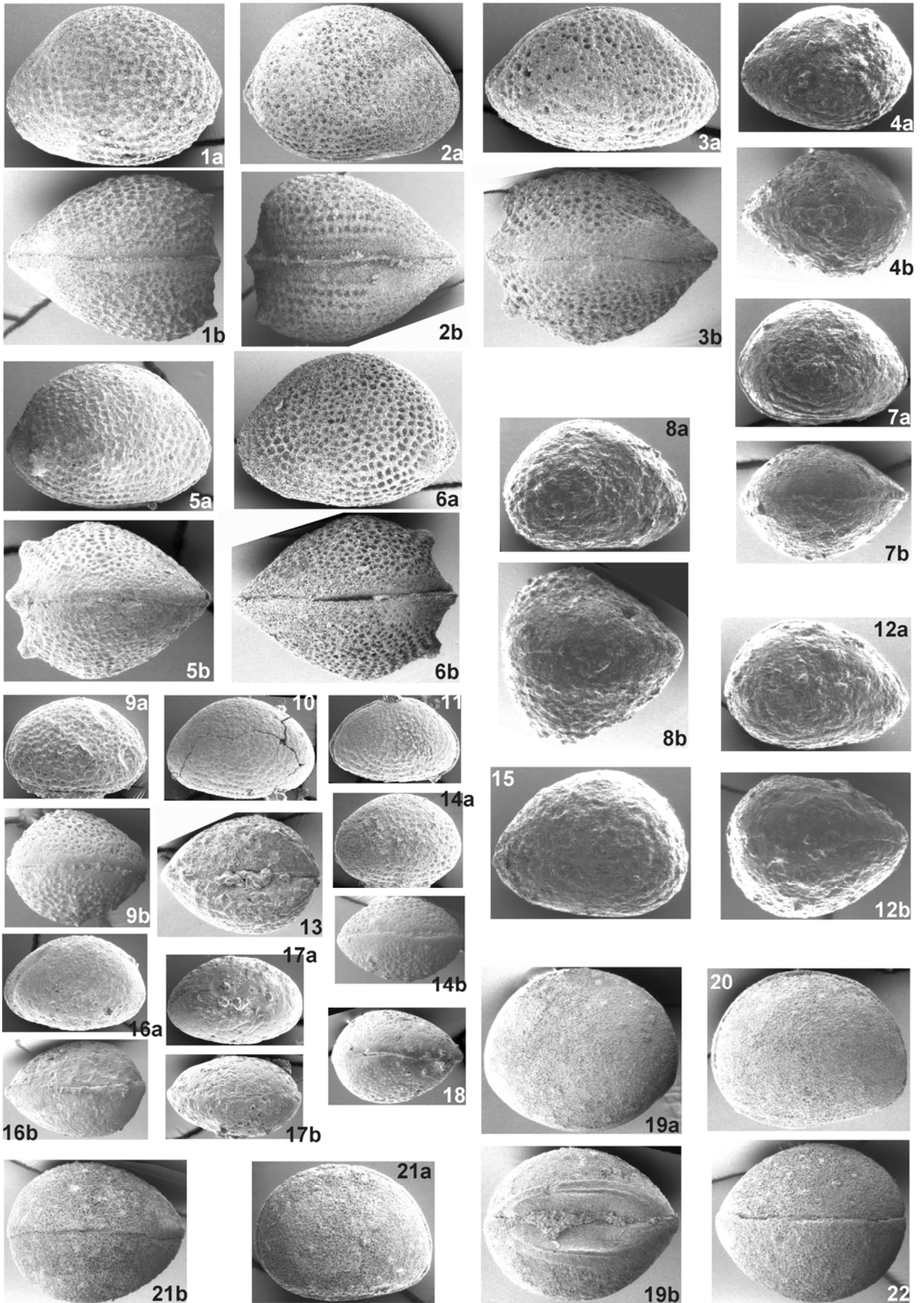


Tafel 49

Alle Objekte ca. 60x, Nordsomalia.

- Fig. 1-3, 5, 6: *Somalileberis hillebrandti* LUGER, 1999; Maastricht.
 1, 3: Profil Tisje, Probe Tis17. 1: W, (Holotyp), O.Nr. TUB-SOO 150, L: 0,70 mm, 1a: GL; 1b: GD. 3: M, O.Nr. TUB-SOO 151, L: 0,77 mm, 3a: GR; 3b: GD.
 2, 5, 6: Profil Biyo Kulule, Probe Bku19. 2: W, O.Nr. TUB-SOO 153, L: 0,72 mm, 2a: GR; 2b: GV. 5, 6: ?MM/?A-1. 5: O.Nr. TUB-SOO 155, L: 0,68 mm, 5a: GR; 5b: GD. 6: O.Nr. TUB-SOO 156, L: 0,74 mm, 6a: GL; 6b: GD.
- Fig. 4, 7: *Saudileberis stagnosa* (AL-FURAIH, 1980); Profil Tisje, Probe Tis37; unteres Paleozän.
 4: W, O.Nr. TUB-SOO 228, L: 0,56 mm, 4a: GL; 4b: GD. 7: M, O.Nr. TUB-SOO 227, L: 0,56 mm, 7a: GR, 7b: GD.
- Fig. 8, 12, 15: *Saudileberis vulsa* (AL-FURAIH, 1980)); Profil Tisje, Probe Tis37; unteres Paleozän.
 8, 15: WW. 8: O.Nr. TUB-SOO 231, L: 0,61 mm, 8a: GR; 8b: GD. 15: GL, O.Nr. TUB-SOO 232, L: 0,64 mm. 12: M, O.Nr. TUB-SOO 233, L: 0,61 mm, 12: GR; 12b: GD.
- Fig. 9-11, 13, 14, 16-18: *Saudileberis ovata* (Al-FURAIH, 1984); Profil Tisje.
 9-11, 13, 14, 18: *Saudileberis ovata* (Al-FURAIH, 1984) s.s. (retikulierte Form).
 9, 14: Probe Tis13; Maastricht. 9: W, O.Nr. TUB-SOO 190, L: 0,47 mm, 9a: GR; 9b: GD. 14: M, O.Nr. TUB-SOO 191, L: 0,40 mm, 14a: GL; 14b: GD.
 10, 11, 13, 18: Probe Tis2; Campan. 10, 13, 18: WW. 10: GL, O.Nr. TUB-SOO 119, L: 0,43 mm. 13: GV, O.Nr. TUB-SOO 118, L: 0,53 mm. 18: GD, O.Nr. TUB-SOO 116, L: 0,43 mm. 11: MGL, O.Nr. TUB-SOO 120, L: 0,41 mm.
 16, 17: *Saudileberis ovata* (Al-FURAIH, 1984) s.l. (glatte Form); Probe Tis2; Campan. 16: W, O.Nr. TUB-SOO 117, L: 0,46 mm, 16a: GL; 16b: GD. 17: M, O.Nr. TUB-SOO 123, L: 0,44 mm, 17a: GL; 17b: GD.
- Fig. 19-22: *Saudileberis? siddiquii* n.sp.; Maastricht.
 19, 20: Profil Biyo Kulule, Probe BKu19. WW. 19: Holotyp, O.Nr. TUB-SOO 187, L: 0,65 mm, 19a: GL; 19b: GV. 20: GR, O.Nr. TUB-SOO 186, L: 0,65 mm.
 21, 22: Profil Tisje, Probe Tis17. 21: M, O.Nr. TUB-SOO 184, L: 0,59 mm; 21a: GR; 21b: GD. 22: WGD, O.Nr. TUB-SOO 183, L: 0,63 mm.

Tafel 49





abhandlungen

Band 1 - Teil 2 - Tafelband

ISSN 2626-4161 (Print)

ISSN 2626-9864 (Online)

ISBN 978-3-947953-00-4 (Gesamtausgabe)

ISBN 978-3-947953-01-1 (Band 1 - Teil 1)

ISBN 978-3-947953-02-8 (Band 1 - Teil 2)