SVERIGES GEOLOGISKA UNDERSÖKNING

SER C NR 705 AVHANDLINGAR OCH UPPSATSER ÅRSBOK 68 NR 12

SVEN LAUFELD

REFERENCE LOCALITIES FOR PALAEONTOLOGY AND GEOLOGY IN THE SILURIAN OF GOTLAND

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About 530 geological localities in the Silurian of the island of Gotland, Sweden, are described under code names in alphabetical order. Each locality is provided with a UTM grid reference and a detailed description with references to the topographical and geological map sheets. Information on reference points and levels are included for some localities. The stratigraphic position of each locality is stated. A bibliography is attached to several localities.

Sven Laufeld, Department of Historical Geology and Palaeontology, Sölvegatan 13, S-223 62 Lund, Sweden, 4th March, 1974.

Contents

Preface

In 1968 a course was set for continued investigations of the Silurian of Gotland and Scania. Accumulated material and problems were distributed within a group of geologists labelled the *Baltic-Scanian Silurian Project,* being a response to the first signals from the International Union of Geological Sciences (IUGS) that the International Geological Correlation Programme (IGCP) was in preparation. The Baltic-Scanian Silurian Project was designed as part of a world-wide stratigraphic project based on ecosystem analysis, proposed in 1969 to become the next effort of the specialists then involved in the work of the IUGS Committee on the Silurian-Devonian Boundary. This Committee concluded its work in 1972. In the same year the IGCP, at long last, took shape as a joint IUGS-Unesco enterprise. Project proposals for the IGCP were invited in the autumn of 1973, and one of the first proposals to be submitted aims at merging the Baltic-Scanian activities with a world-wide *Project Ecostratigraphy,* a title still subject to changes when this is written.

It was realized in the earliest days of the Baltic-Scanian Silurian Project that the distribution of work on many hands, the enormous increase of sampling stations through the 1960's, and the need for final syntheses of large materials required a system for locality designations meeting the needs of both communication within the group and accuracy in modern investigations. For simple everyday communication and in order to avoid lengthy and expensive repetition of locality descriptions, a system of "code-names" had been introduced already in 1962. Meantime the new topographical map of Gotland on the scale 1:50 000, with a UTM grid, had been issued, taking care of the horizontal positioning of the sampling stations, theoretically down to the smallest unit of the metric system. This means much in the flat topography of Gotland where the geologist meets considerable vertical dimensions only in borings, "coast" cliffs, and major quarries. Relating samples to the standard sea-level is as yet a greater problem in refined stratigraphy on Gotland than horizontal positioning.

For these purposes a "Code-name Conference" met at Allekvia Field Station on 28th (—29th) May, 1972. Numerous problems, solved but still reflected in

the present work, ranging from linguistics through geology to practical geodesy, were discussed. Particularly the conflicts in different map editions between the diphthong-rich Gutnian dialect and attempts at interpretation in peninsular Swedish orthography will remain a confusing element in the coded names. Since the computer that will handle our data appreciates consistent adherence to priority rather than good etymology and phonetics, we have ended up with a compromise dictated by the different maps used.

The painstaking task of executing the project was entrusted to Sven Laufeld, who was next in turn to support an extensive treatise of Gotland fossils by a locality list (Silurian Chitinozoa from Gotland, in the press as *Fossils and Strata* No. 5). As intended, the descriptions comprise all exactly identifiable published localities and all localities defined in available manuscripts by the end of 1973, most of them concerned in the treatise just quoted. As to detail, controls in the field, and even practical completeness, the present work goes far beyond our best expectations.

The value of this great effort is best maintained if future authors and collectors *(a) strictly adhere to the system of a unique code-name (taken from the map, from local information, or skilfully invented) plus a UTM grid reference, carefully avoiding synonymies and homonymies, (b) register new localities with a minimum of delay in the master file, at least initially to be kept at Allekvia, and (c) publish their supplementary locality lists according to the examples and directions in the present paper.* No priorities will be respected by the group unless the requirements under (a) and (b) have been fulfilled.

The Code-name Conference was made possible by a grant from the Swedish Natural Research Council (dnr 2352-042). The publication of this volume so well timed for starting our contribution to the IGCP has very properly been taken over by the Geological Survey of Sweden, the institution responsible for the regional inventory of the geology in this country. We are greatly indebted to these two institutions for giving us a good and economic tool for future work as well as an international key to the relevant information published in Swedish, in the first place in Geological Survey publications by J. Ernhold Hede.

Uppsala, 7th March, 1974 *Anders Martinsson*

Introduction

During the last few years many geological and palaeontological studies of the Silurian of Gotland started, most of them within a group organized by Professor Anders Martinsson of Uppsala under the name of the Baltic-Scanian Silurian Project, hitherto kept together without much formalism but since its creation aiming at integration with a project within the International Geological Correlation Programme (IGCP). The nucleus of this group consists of palaeontologists from Uppsala, Lund, and Stockholm, but a great number of scientists from other universities in other countries have joined our group for studies of the palaeontology and geology of Gotland. We have tried to avoid duplication of work by informing all newcomers in our group about the studies under way. We have also actively tried to attract the interest of several specialists towards unsolved problems. This has not been in vain, since more than 30 scientists are involved at present. It was soon realized that we were in bad need of some common system for designating our collecting sites, and we found in daily practice that many homonyms and synonyms for localities were on the point of getting established. Moreover, there are already many cases of misunderstanding in the geological literature on Gotland, caused by the confusion of names of localities. There are for instance three famous localities called Djupvik. They belong to different stratigraphical units (Slite, Mulde, and Hemse Beds); they are located in three different parishes; they also can be spelled ("correctly") Juvik, Jauvik, Djauvik, and Djaupvik. It is therefore not surprising that a certain confusion has arisen, especially among people lacking experience of the local conditions. To overcome some of the difficulties we decided upon establishing a system of code names which could be used by all of us.

A second reason for introducing code names is economical. Once a set of localities has been described under code names, there is no use of burdening our papers with descriptions of them again. We can just simply refer to a catalogue and state that our fossils (and rocks) were collected at, e. g., Kuppen 2.

The third reason for a list of reference localities is, in my opinion, the most important one. We are not studying our fossils and rocks solely for their own

sake. Our ultimate goal is to reconstruct old environments as a whole. To reach in the neighbourhood of this goal we will have to be very careful not to mix up heterochronous biotic evidence. This is best avoided by careful references to where we pick up our data in the field. In the 1800th Century fossils were labelled as collected in "Central Asia", 100 years ago fossils were labelled "Gotland", but today it is not sufficient to label them "Djupvik, Gotland". If we do not make use of some kind of code system tying up our material to some physical reality, everything will have to be re-done and re-done again. It may be argued that a code system should be much more detailed than the one we have agreed upon for Gotland. However, we believe that it is impossible to use a more detailed system if all should take time to adhere to it.

It is our hope that all serious students of the geology and palaeontology of Gotland will use our code names. Why? Our reference localities are provided with a UTM grid reference. This may be used for finding the localities in the field. However, it is also an important two-dimensional system for plotting the data. It is therefore possible to use automatic data processing to that end. We can produce maps of distribution of, e.g., fossils in a horizontal plane as soon as we have data from the coded localities. The more information we have for these spots, the better are the possibilities of drawing palaeoecological conclusions. Sedimentological and geochemical studies are under way, too, and hence parameters of different kinds will be used together. In 5-10 years we will have a third dimension of this frame-work, since a more detailed levelling of the localities should have been completed at that time. All published information on the reference localities at that time will be used in the ecostratigraphic syntheses we are aiming at.

About 530 of the localities investigated by our group are described in this paper, most of which I have studied from my angle of approach. It is of course only a small fraction of the many interesting ones in Gotland. We will continue studying many more localities, and some members of our group have already 100—200 additional localities which are not described here.

We will use the following procedure for our work in the future. Already in the summer of 1974 the descriptions of the localities of this paper will be filed and kept at Allekvia, our field station 8.5 kilometres east of (the cathedral of) Visby (CJ 4673 8890). Each locality is filed on a separate A4 standard card (height 210 mm, width 297 mm) which will be filled in with new data published on that locality. A set of topographical map sheets, where all localities described in this paper are marked, is kept at the same place. We will have a separate file for additional localities, where new ones are inserted under provisional names and numbers. The descriptions of the new localities should conform with the

present ones, which were agreed upon at our Code-name Conference in 1972. There is also another set of topographical map sheets on which new localities will be marked. At the end of each field season some of the Swedish members of the group will check all new localities and make the descriptions formally valid by editing and rewriting them and inserting them in the file of master copies and by plotting the locations on the master set of map sheets. A new volume of reference localities will be published by someone else in our team when the individual published supplements become too scattered or accessibility to unpublished localities is motivated.

It seems probable that minor inaccuracies will be discovered in a paper of this kind, even though precautions have been taken eliminating them. It is of common interest to have correct descriptions, and errors will be corrected in the master copy. Therefore I will be most obliged if inaccuracies are pointed out to me.

Many persons have made the compilation of this paper easier. It was written under a leave of absence from (but at) the Department of Historical Geology and Palaeontology, University of Lund, and I am most obliged to Professor Gerhard Regnéll for placing all facilities of his Department at my disposal. Mrs. Ingrid Lineke of the same Department interpreted my scrawl skilfully while typing the manuscript. Mrs. Siri Bergström finished my drawings in her ordinary, outstanding way. Mr. Sven Stridsberg made and mounted the prints of the photographs, and Mr. Brian Holland corrected the manuscript from the linguistic point of view.

All Swedish members of the Baltic-Scanian Silurian Project have aided in the preparation of this catalogue. Firstly, I am indebted to Professor Anders Martinsson, University of Uppsala, who has been our inspiring guide in Gotland for several field seasons. He gave me my first closer acquaintance with the Silurian of Gotland, and from 1966 and onwards we have studied more than half the number of localities described here together. He has also taken on all administrative coordination of the work within our Project. The following members of our group have also been actively engaged in the work on this paper, both in the field and in the office. Christina Franzén and Kent Larsson corrected in detail the manuscript as well as the proofs. Lennart Jeppsson has taken important views on how to model this catalogue. He also helped me in reading the proofs. Carl-Olof Ericsson compiled the three indexes during several nocturnal hours. Roland Skoglund induced the Geological Survey of Sweden to print this paper.

Mr. Y. Barkell and Mr. N. Wiberg, Managing Directors of the Cementa AB, Slite, and Gotlands Förenade Kalkbrott, Storugns, respectively, kindly provided me with detailed maps of Slitebrottet 1-2 and Storugns 1. Erik Söderlund kindly levelled Vattenfallsprofilen 1. Elke Ahlmann acted as my inspiring driver when in the summer of 1973 I had to check in short time but in detail a great number of localities.

Lastly, I wish to thank Arne Philip of Visby, Architect and Geologist, for all he has done and is doing for promoting our studies of the Silurian of Gotland. There are no insoluble problems on that island when he comes on the scene.

Directions for use

Grid references. — In all descriptions herein the modern topographical map sheets on the scale of 1:50 000 have been used as a reference. Thus all grid references, houses, cross-roads, etc., are those of the topographical maps, so these maps are needed for the plotting of locations of localities. The descriptions have been standardized as far as possible.

At first the name of the locality is given in capital letters, followed by a number of order. After a comma two capitals refer the locality to a 100 × 100 km square in the Universal Transverse Mercator (UTM) grid system in which Gotland is located in zone 33-34 V. The two capitals are printed in blue on the topographical map sheets. The capitals are followed by a group of four figures which refer to the position in east-west direction in the UTM grid system.

To plot the locality, use the first two figures. They are printed in blue on the maps as are the meridians they designate. The meridians (longitude coordinates) cross the map sheet each second centimetre. The locality is located to the east of the meridian designated by the first two figures and at a distance given by the last two figures in this group of four. The distance of, say, 54 is 54/100 of the distance from the meridian in question to the meridian 2 cm east of it. As the map sheets are on the scale 1:50 000, this means 540 m.

These four figures are followed by another group of four, of which the first two ones give the latitude coordinate (also printed in blue) south of the locality. By using the last two figures it is possible to plot how many metres north of that latitude coordinate the locality is located. If the plotting is done by a pair of compasses, it is possible to spot a locality with an accuracy of ±10 m.

Unfortunately, the Swedish authorities have decided to use a national grid system instead of an international system as the most detailed reference grid printed on the map. This means that in about ten years all map sheets with the UTM grid printed in blue will be out of print and replaced by maps with the Swedish national grid printed in black. The UTM figures are printed in the margin of these new map sheets, however. Therefore, it is possible to plot the localities with a ruler also on the new maps, although with less accuracy. We will keep to the international system, but in order to make the plotting of localities easier on the new map sheets, we will have all the UTM grid references

converted to Swedish grid references. A list of the latter will be sent upon request. It is obtainable free of charge from the Department of Palaeobiology, Box 564, S-751 22 Uppsala, Sweden.

Churches. — The UTM grid reference is always followed by information on the distance and direction of the locality from a neighbouring church, easy to indentify both on the map and in the flat and open landscape of Gotland. In most cases reference is given to the church closest to the locality, but if there are more than one at about the same distance, the one has been chosen from which the locality is plotted most unambiguously. In some few areas where no churches are located at a reasonable distance from a locality, a triangulation point has been used.

Detailed descriptions. — After each reference to the topographical and geological map sheets a more detailed description of the locality is given. As to the type of locality it should be mentioned that outcrops with an exposed thickness of strata of less than about 0.5 m are called "exposure" and those with more than about 0.5 m are designated as "section". This may have some value in the planning for field work and excursions. In the detailed description the distance and direction of the locality from a house, a levelled point, cross-roads, etc., are given. This information always refers to the topographical map sheets. The word "immediately" has been used when the distance is less than 10 m. Several of the localities have been described in the literature earlier, mainly in Hede's descriptions to the geological map sheets. My description is then followed by, e.g., "For a detailed description, see Hede 1927b". The page reference can be extracted under "References". It deserves mentioning that I have inserted "For a detailed . . ." at some places where the original description is not very detailed but instead contains some other interesting information.

Reference point and level. — At some localities we have made use of a point and/or level of reference, and some have already been marked in the rocks. As our ultimate goal is to make an ecostratigraphic synthesis of the Silurian of Gotland, it is very important to have a common language for all observations. We will therefore extend the marking of reference points and levels in the field considerably in the future. But until this has been done, all students seriously intending to use their samples for research are requested to relate their samples to some distinct feature in the sections, so that all papers can be used in future syntheses.

Stratigraphy. — All localities have been stratigraphically labelled by using Hede's 13 major subdivisions. A modern description of these was published by Hede in English in 1960 in the geological guide to the Gotland excursion in connection with the 21st Session of the International Geological Congress. When-

ever possible the localities have also been referred to the smaller units within these major units. To avoid taking a stand as to the formal stratigraphical rank of several of the units, the following procedure has been applied. The 13 major subdivisions are referred to as "Beds", e.g., "Högklint Beds" and "Burgsvik Beds" instead of "Högklint Group" and "Burgsvik Sandstone and Oolite". The minor units within these 13 subdivisions are designated as "units", unless they have a formally established name, e.g., "Hemse Beds, unit c", but "Hemse Beds, Millklint Limestone", because the latter designation is appropriate for a formation as well as a member. Some few of the minor units have been designated by the neutral term "Beds" instead of "zone", e.g., "Slite Beds, *Conchidium tenuistriatum* Beds", awaiting the introduction of a formal stratigraphical term. Meanwhile it is of little use to change the name into *"Rhipidium tenuistriatum* Beds". As mentioned before, referring the localities to the minor units involves a considerable element of subjectivity, since the rocks show a strong lateral variation of lithology. I have outlined the frame-work for this subdivision elsewhere (Laufeld 1974b).

In the present paper the terms lower, upper, etc., have been used in a local sense only. The rocks of a locality which belong to the "Hemse Beds, lower part" in easternmost Gotland may well be younger than those of a locality in westernmost Gotland, even if they are referred to by the same words.

References. — This paper is intended neither as a discussion of the stratigraphy of Gotland, nor as a guide to what has been published on the Silurian of this island. Hence, the list of references will be found meagre. Only those papers dealing with material that is known to come from *exactly* the same place as is described herein have been referred to. After the few exceptions from this rule I have inserted "reference to the area in general". However, this is a relative statement, because in most cases these references deal with places located tens of metres rather than hundred metres from the locality described herein. Between 350 and 400 references to the Silurian of Gotland have been checked in this context, but less than 100 have proved useful.

Indexes. — At the end of the paper there are three indexes. In the first index the localities are arranged according to which topographical map sheet they belong. The headlines in bold-face are the designations of the ten topographical map sheets, starting with the northernmost and ending with the southernmost. Within each map sheet a locality is placed under the church to which its location is referred in the description. The churches are arranged in alphabetical order within the map sheet. If triangulation points have been used instead of churches, they are placed after the churches.

In the second index the number and name of the geological map sheets are used as headlines in bold-face. They are arranged from north to south. The

localities within a single sheet are further arranged according to which stratigraphic unit they belong, starting with the oldest unit.

The third index is self-explantory, because all localities are arranged according to which stratigraphical units they belong, starting with the oldest strata.

Practical details. — Gotland is covered by ten modern topographical map sheets on the scale 1:50 000. The designations of these map sheets are (from north to south): 7 K Ullahau NV, 7 J Fårösund SO & NO, 7 J Fårösund SV & NV, 6 J Roma NV & NO, 6 J Roma SO, 6 J Roma SV, 6 I Visby NO, 6 I Visby SO, 5 I Hoburgen NO & 5 J Hemse NV, and 5 I Hoburgen SO & 5 J Hemse SV. The map sheets are obtainable from *Svenska Reproduktions AB, Fack, S-162 10 Vällingby 1, Sweden.* A complete set of these ten maps costs the equivalence of less than U.S. $ 15.00 as of 1974. They can be obtained folded or unfolded and with or without the UTM grid system printed on the map sheets.

Gotland is covered by the following nine geological map sheets on the scale of 1:50 000 (from north to south): Aa 180 Fårö, Aa 171 Kappelshamn, Aa 169 Slite, Aa 183 Visby & Lummelunda, Aa 170 Katthammarsvik. Aa 160 Klintehamn, Aa 164 Hemse, Aa 156 Ronehamn, and Aa 152 Burgsvik. The map sheets are accompanied by detailed geological descriptions in Swedish. They are obtainable from the above-mentioned Company, as are all other publications of the Geological Survey of Sweden (Hede's guide of 1960 costs U.S. $2.25). A single geological map sheet costs the equivalence of about U.S. $ 4.25 and a map sheet including the description about $ 5.25.

Descriptions of localities

AJMUNDE 1, CJ 3944 5390, ca. 490 m NNE of Gerum church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Ditch (not marked on the topographical map sheet) exposure immediately N of the field road (not marked on the topographical map) and ca. 90 m E of the sawmill.

Klinteberg Beds, Klinteberg Marl, top.

ALBY 1, CK 8045 0931, ca. 4750 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation immediately NW of the road and ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: NW edge of the road and ditch intersection. Alby 1 comprises the distance 0-75 m NW of the intersection.

Slite Beds, Slite Marl.

References: Hede 1933, p. 48, from line 7 (contains list of fossils); Martinsson 1962, p. 51.

ALBY 2, CK 8028 0949, ca. 4500 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation, ca. 250 m NW of the road and ditch intersection ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: Bend of the ditch. Alby 2 comprises from 175 m SE of the bend to 50 m WNW of the bend.

Reference level: The thin and very marly bed comprising the boundary between the two local units described by Hede (1933, pp. 48-49).

Slite Beds, Slite Marl.

References: Hede 1933, p. 49 (contains list of fossils); Hede 1942, Loc. 24.

ALBY 3, CK 8021 0952, ca. 4400 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation, ca. 350 m NW of the road and ditch intersection ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: Bend of the ditch ca. 250 m NW of the intersection. Alby 3 comprises the distance 50—600 m WNW of this bend.

Slite Beds, Slite Marl.

References: Hede 1933, p. 49.

ALBY 4, CK 8049 0928, ca. 4800 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation immediately SSE of the road, ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: SE margin of the road and ditch intersection. Alby 4 comprises the distance 0—50 m SSE of the intersection.

Slite Beds, Slite Marl.

ALBY 5, CK 8057 0995, ca. 5000 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation, ca. 250 m SSE of the road and ditch intersection ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: First bend of the ditch. Alby 5 comprises from 50 m SSE of the intersection to 50 m SSE of the first bend.

Slite Beds, Slite Marl.

ALBY 6, CK 8063 0806, ca. 5125 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation, ca. 370 m SSE of the road and ditch intersection ca. 800 m SSW of the southernmost cross-roads at Alby.

Reference point: Bend of the ditch before the long straight strech towards the SSE. Alby 6 comprises from 50 m SSE of the first bend (Alby 5) to the rectangular bend ca. 300 m further towards the SSE.

Slite Beds, Slite Marl.

ALBYRIV 1, CK 8206 0922, ca. 6140 m ESE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Exposure at the sea shore, ca. 225 m S of the easternmost point of Albyriv.

Slite Beds, Slite Marl.

ALSTÄDE 1, CJ 3485 5919, ca. 4075 m SSE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Section immediately E of the new road, ca. 20 m S of point 50,3 at Alstäde. Alstäde 1 is located at the telephone pole and ca. 75 m from the house.

Klinteberg Beds, middle-upper part.

Note: The new road is not marked in the older editions of the topographical map sheet.

ALTAJME 1, CJ 5075 6334, ca. 1970 m SSW of Buttle church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Abandoned, shallow quarry 15 m NW of the field road (the old main road) and ca. 100 m SW of the cross-roads at point 46,95.

Klinteberg Beds, upper part.

AMLINGS 1, CJ 4218 5260, ca. 875 m N of Linde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Ditch section at the southern edge of the wood, ca. 125 m N of the road and ditch intersection. Amlings 1 comprises from 125 to 250 m N of the intersection.

Reference point: The southern edge of the wood.

Hemse Beds, Hemse Marl, northwestern part.

References: Hede 1921, pp. 57—58 (all fossils listed in the left column were collected at Amlings 1); Hede 1927b, p. 26, lines 3-38 (list of fossils from a point ca. 125 m N of the reference point); Martinsson 1962, p. 54 (from ca. 100 m N of the reference point); Boucot & Johnson 1967a, p. 88 (from ca. 125 m N of the reference point).

ANDERSE 1, CJ 3688 3106, ca. 2150 m NNW of Fide church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry ca. 30 m E of the smaller road and ca. 160 m SE of point 8,99 N of the cross-roads. The quarry is marked on the geological map sheet.

Burgsvik Beds, upper part.

ÄNGVARDS 1, CJ 3154 1813, ca. 520 m NNW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation immediately NE of the road and ca. 480 m WNW of the cross-roads just NE of Vamlingbo church. The excavation was located at the glade.

Hamra Beds, unit b.

References: Munthe 1921, p. 50, lines 7—11.

ÄNGVARDS 2, CJ 3099 1842, ca. 1070 m NW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Southern wall of abandoned quarry (marked on the geological map sheet) immediately NE of the road and ca. 660 m SE of the house at Ängvards. Ängvards 2 is located just opposite the field road (not marked on the topographical map sheet).

Hamra Beds, unit b.

ANLUNDAR 1, CJ 3141 1475, ca. 2900 m ENE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation for telephone pole immediately E of the road and ca. 570 m NW of the northernmost house at Anlundar. Anlundar 1 is located ca. 525 m NNW of the cross-roads WSW of Anlundar.

Sundre Beds, lower-middle part.

ANNELUND 1, CJ 3987 9325, ca. 1510 m NE of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry immediately south and west of the road and ca. 175 m SE of the entrance to the sports ground. Figs. 11—12 in Hede, 1940, show parts of the eastern quarry wall.

Reference level: The Högklint-Tofta boundary.

Högklint Beds and Tofta Beds.

References: Hede 1940, Figs. 11—12, p. 32, lines 5—6 from below; Martinsson 1962, p. 48.

ANSARVE 1, CJ 2814 7776, ca. 2780 m SW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately N of the road and ca. 100 m E of the power line and road intersection. For a detailed description, see Hede 1960.

Högklint Beds, southwestern facies, upper part.

References: Hede 1927a, p. 19, lines 1—3 from below; Hede 1960, Loc. 27, p. 72 (contains list of fossils).

ANSARVE 2, CJ 2792 7776, ca. 2980 m SW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately N of the road and ca. 120 m W of the power line and road intersection. For a detailed description, see Hede 1927a.

Högklint Beds, southwestern facies, upper part.

References: Hede 1927a, p. 19, line 3 from below — p. 20, line 8 (contains list of fossils); Martinsson 1962, p. 48 (Loc. Ansarve).

ANSARVE 3, CJ 2814 7807, ca. 2650 m SW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately NW of the field road (marked as a path on the topographical map sheet) and ca. 75 m NE of the bend of the power line and between the first and second pole (not marked) NE of the bend.

Högklint Beds, southwestern facies, upper part.

ASARVE 1, CJ 4104 4740, ca. 930 m NW of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section immediately NE of the road and ca. 200 m WNW of the house at Asarve.

Hemse Beds, Hemse Marl, southeastern part.

ASKRYGGEN 1, CJ 2334 5685, ca. 560 m NNW of the triangulation point at Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Low beach cliff north of the main cliff and ca. 400 m NW of the characteristic sea stack called Lajkarn (=the dog, Fig. 65, Hede 1927b).

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds.

References: Hede 1927b, p. 46, line 9.

ASKRYGGEN 2, CJ 2350 5679, ca. 470 m N of the triangulation point at Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section ca. 300 m NW of the characteristic sea stack called Lajkarn (=the dog, Fig. 65, Hede 1927b).

Slite Beds, Slite Siltstone, top.

References: Hede 1927b, p. 50, lines 8—29.

Note: At high water the Slite Siltstone is located in the sea.

ASUNDEN 1, CJ 7178 9813, ca. 3120 m E of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Inland cliff section, ca. 260 m WNW of the triangulation point. The locality is located where the cliff bends towards the SSE.

Slite Beds, unit g.

References: Hede 1928, p. 41, line 2 from below — p. 43, line 6.

ASUNDEN 2, CJ 7163 9762, ca. 3035 m ESE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Inland cliff section, ca. 535 m SW of the triangulation point. The locality is located 50 m SE of the ESE bend of the cliff.

Slite Beds, unit g.

References: Hede 1928, p. 43, lines 6—7.

ASUNDEN 3, CJ 7232 9782, ca. 3670 m ESE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Cliff section, ca. 340 m SE of the triangulation point. The locality is located

at the SE side of the point of land. Asunden 3 is just below the cliff figured in Hede 1928, p. 43, Fig. 11.

Slite Beds, unit g.

References: Hede 1928, p. 43, lines 7—11 from below.

AURSVIKEN 1, CK 9041 2814, ca. 7150 m N of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure 15 m NW of the road and 10 m NE of the stream from Bondansträsk to the Baltic.

Högklint Beds, lower-middle part.

References: Hede 1936, p. 16, lines 15—16.

AUTSARVE 1, CJ 4270 5313, ca. 1510 m NNE of Linde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Surface exposure immediately E of the road and ca. 75 m S of the cross-roads and point 42,3.

Hemse Beds, Hemse Marl, northwestern part.

BÄCKS 1, CJ 4161 9065, ca. 5610 m NNE of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure immediately NE of the road and ca. 170 m NE of the southeasternmost of the two houses at Bäcks. Bäcks 1 is located 15 m towards the southeast along the main road from the place where the road from the house mentioned runs into the main road.

Slite Beds, unit d.

References: Hede 1940, p. 47, lines 4—6 from below.

BANDLUNDE 1, CJ 5057 4287, ca. 5160 m ESE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure immediately NW of the road and ca. 2810 m WNW of the triangulation point at Hummelbosholm. Bandlunde 1 is located ca. 75 m SW of the cross-roads.

Eke Beds, lower part.

BANKVÄT 1, CJ 4311 3263, ca. 4680 m SE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Surface exposure on the shore, ca. 1040 m W of the northwesternmost point of the islet of Tuttar. Bankvät 1 comprises the exposure from the coast line and ca. 350 m towards the north north-west. At the sharp bend of the road SW of Kauparve, there is a gap in the fence. Walk along and east of the stone fence towards the SE. Bankvät 1 is located ca. 100 m NE of the fence. The locality is accessible only in very dry periods. For a detailed description, see Munthe 1921.

Reference point: The coast line.

Hamra Beds, unit b.

References: Munthe 1921, p. 50, line 2 from below — p. 51, line 9 (contains list of fossils).

BARA 1, CJ 5700 8524, ca. 3300 m SW of Vallstena church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Abandoned quarry, ca. 575 m W of the Bara church ruin.

Halla Beds, Bara Oolite, type locality.

References: Hede 1928, p. 45, line 18—p. 46, line 12 (contains list of fossils); Hede 1960, Loc. 19, pp. 66-67; Martinsson 1962, p. 52.

BARKARVEÅRD 1, CJ 4049 2167, ca. 5070 m NE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure, ca. 2520 m E of the triangulation point at Sigfride (northern settlement) and ca. 1070 m NNE of the house at Bringes. There is a field road (not marked on the topographical map sheet) towards the north ca. 200 m ENE of Bringes. Follow that road to the coast and then along the coast towards the northeast to the gate in the stone fence just SW of the boat-houses. The locality is located between this fence and the next fence towards the SW, just E of the small point.

Hamra Beds, unit c.

BARSHAGEUDD 1, CJ 2880 1089, ca. 3080 m S of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation 15 m NE of the northernmost part of the bay and ca. 340 m N of the southernmost tip of Gotland. Barshageudd 1 is located at the boat-house.

Hamra Beds, unit c.

References: Munthe 1921, p. 50, lines 12-19 and 27-40 (reference to the area in general).

Note: The bed-rock marked on the geological map sheet is not accessible without digging.

BARSHAGEUDD 2, CJ 2876 1058, ca. 3400 m S of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation at the southernmost tip of Gotland, ca. 380 m S of the end of the field road. For a detailed description of the local lithology, see Munthe 1921.

Hamra Beds, unit c.

References: Munthe 1921, p. 50, lines 12-19 and 27-40 (reference to the area in general).

Note: The bed-rock marked on the geological map sheet is not accessible without digging.

BARSHAGEUDD 3, CJ 2916 1063, ca. 3400 m S of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation at the southeastermost part of the point, ca. 500 m SE of the end of the field road. For a detailed description of the local lithology, see Munthe 1921.

Hamra Beds, unit c.

References: Munthe 1921, p. 50, lines 12-19 and 27-40 (reference to the area in general).

Note: The bed-rock marked on the geological map sheet is not accessible without digging.

BARSHAGEUDD 4, CJ 2975 1103, ca. 3170 m SSE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation at the shore, ca. 1090 m ENE of the southernmost tip of Gotland. For a detailed description of the local lithology, see Munthe 1921.

Hamra Beds, unit c.

References: Munthe 1921, p. 50, lines 12-19 and 27-40 (reference to the area in general).

Note: The bed-rock marked on the geological map sheet is not accessible without digging.

BÅTA 1, CK 9244 2349, ca. 3875 m NE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Ditch excavation 115 m ESE of the southernmost windmill at Båta. The locality is located exactly at the margin of the topographical map sheet.

Slite Beds, Conchidium tenuistriatum Beds, lower part.

References: Hede 1960, Loc. 24, p. 70; Martinsson 1962, p. 49.

BÅTA 2, CK 9188 2327, ca. 3275 m NE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Ditch excavation at ditch intersection ca. 300 m SW of the western house at Båta. For a detailed description, see Hede 1960.

Slite Beds, Conchidium tenuistriatum Beds or slightly younger.

References: Hede 1936, p. 35, line 11 from below; Hede 1960, Loc. 23, p. 70 (contains list of fossils).

BÅTELS 1, CJ 5365 7738, ca. 1580 m W of Ganthem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Abandoned quarry, ca. 50 m WNW of the cross-roads at point 29,35. For a detailed description, see Hede 1929.

Klinteberg Beds, unit c.

References: Hede 1929, p. 18, lines 5-17 from below (contains list of fossils).

BÅTELS 2, CJ 5387 7700, ca. 1380 m WSW of Ganthem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Excavation for telegraph poles in the middle of the meadow, ca. 125 m E of the road and ca. 380 m SSE of point 29,35. Båtels 2 is almost identical with the overgrown quarry marked on the geological map sheet.

Klinteberg Beds, unit b.

References: Hede 1929, p. 18, lines 22-25 from below.

BINGERSKVARN 1, CJ 4016 9266, ca. 7480 m WNW of Hejdeby church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry immediately SW of Bingerskvarn (the windmill north of Bingersby). For a detailed description, see Hede 1960.

Tofta Beds.

References: Hedström 1910, p. 1478, Pl. 56:B3 (contains lithological log); Hede 1940, p. 34, line 4 and p. 34, lines 7-10 from below; Hede 1960, Loc. 10, pp. 59-60; Martinsson 1962, p. 48 (Bingers).

BINGERSKVARN 2, CJ 4024 9261, ca. 7430 m WNW of Hejdeby church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Low section at the northern side of the road immediately SSE of Bingerskvarn (the windmill north of Bingersby).

Tofta Beds.

BJÄRGES 1, CJ 2860 5240, ca. 3100 m WSW of Eksta church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately E of the cross-roads and ca. 400 m NE of Bjärges windmill.

Mulde Beds, upper part.

BLÅHÄLL 1, CJ 2905 5616, ca. 2940 m SW of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section immediately SW of the parish boundary at Blåhäll. For a detailed description, see Hede 1927b.

Mulde Beds, lower part.

References: Hennig 1905, p. 16, line 15 from below; Hede 1927b, p. 19, lines 29-32; Hede 1942, Loc. 2 b; Martinsson 1962, p. 53.

BODARNA 1, CJ 2374 5602, ca. 420 m SE of the triangulation point at Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section immediately W of the jetty S of Boden. For a photograph of the section, see Fig. 55, Hede 1927b and Fig. 123, Manten 1971 (Fig. 122 is a sketch of the cliff). For a detailed description, see Manten 1971.

Halla Beds.

References: Hede 1927b, Fig. 55, p. 48, line 15; Manten 1971, Figs. 122-123, pp. 265-266.

BODUDD 1, CJ 2977 2883, ca. 6220 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Shore exposure at the northern part of the point and ca. 830 m WNW of the triangulation point at Skåls. There are some boat-houses not marked on the topographical map sheet. Bodudd 1 is located ca. 50 m E of the northernmost house.

Reference level: The Hemse-Eke boundary.

Hemse Beds and Eke Beds.

References: Munthe 1921, p. 25, lines 19-20, p. 26, lines 8-10 and 20-23; Laufeld 1974a, Figs, 1-3.

BODUDD 2, CJ 2980 2869, ca. 6300 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Shore exposure SW of the field road and ca. 750 m WNW of the triangulation point at Skåls. Bodudd 2 is located to the west of the tail of erratic boulders in the sea.

Eke Beds, lowermost part.

References: Munthe 1921, p. 26, lines 2-3 from below; Laufeld 1974a, Fig. 1.

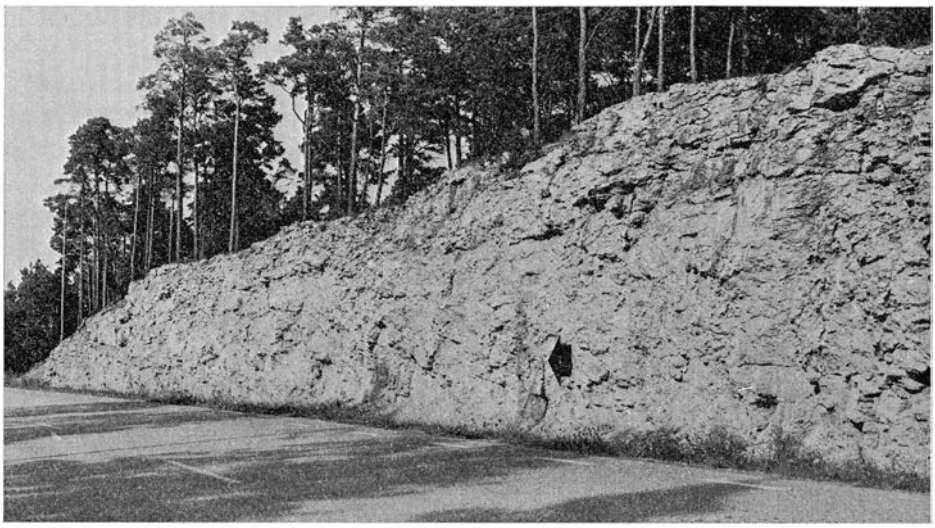

Fig. 1. Bofride 1. Photograph of the reference point, with an arrow showing the reference level.

BOFRIDE 1, CJ 3509 5837, ca. 6100 m N of Levide church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Section immediately E and W of the new road, ca. 640 m NNW of point 47,78 at Bofride. Bofride 1 comprises the road section from 360 m to 690 m NNW of point 47,78.

Reference point: The 52 m level mark in the highest part of the section east of the road. Fig. 1.

Reference level: The 52 m level which has been marked in yellow in the northern part of the section east of the road.

Klinteberg Beds, upper part.

Note: The new road is not marked in older editions of the topographical map sheet. Please, don't hammer on the marks in the section.

BOFRIDE 2, CJ 3514 5795, ca. 5670 m N of Levide church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Section immediately E and W of the new road E of the sawmill, ca. 220 m N of point 47,78 at Bofride.

Klinteberg Beds, upper part.

Note: The new road is not marked in older editions of the topographical map sheet.

BOGEKLINT 1, CJ 6727 9443, ca. 1925 m SSE of Boge church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Inland cliff and sea stack area, ca. 135 m SSW of the northeasternmost house at Klinte. Bogeklint 1 comprises the sea stacks and the inland cliff from immediately W of the sea stacks to the N tip of Bogeklint. For a detailed description, see Hede 1928.

Slite Beds, unit g (outlier).

References: Hede 1928, p. 29, line 7 from below — p. 30, line 30 (contains list of fossils); Hede 1960, Loc. 17 *pars,* p. 65, line 5 from below — p. 66, line 6 (contains list of fossils).

BOGEKLINT 2, CJ 6724 9417, ca. 2175 m SSE of Boge church. Topographical map sheet 6 J Roma NO & NV. Geological map sheet Aa 169 Slite.

Quarry in the southeast-facing cliff, ca. 410 m S of the northeasternmost house at Klinte. For a detailed description, see Hede 1928.

Reference level: The boundary between Hede's local beds b and c, ca. 2.5 m below top of the section (see Hede 1928, p. 28).

Slite Beds: unit g (outlier).

References: Hede 1928, p. 28, line 7 — p. 29, line 15 (contains list of fossils from a measured section); Hede 1960, Loc. 17 *pars,* p. 65 (contains lists of fossils); Martinsson 1962, p. 52.

BOGEKLINT 3, CJ 6730 9423, ca. 2120 m SSE of Boge church. Topographical map sheet 6 J Roma NO & NV. Geological map sheet Aa 169 Slite.

Inland cliff facing east, ca. 335 m S of the northeasternmost house at Klinte.

Reference level: The boundary between Hede's local beds b and c (see Hede 1928, pp. 28-29).

Slite Beds, unit g (outlier).

BOTE 1, CJ 6198 4828, ca. 10400 m SSW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Low shore exposure, ca. 380 m SE of the house at Bote. The locality is located at the small point.

Eke Beds.

References: Hede 1925, p. 29, lines 14-15 (reference to the area in general).

BOTRAJVS 1, CJ 3661 1758, ca. 570 m SSW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately W of the road and ca. 125 m NNE of the solitary house west of the road. Botrajvs 1 is located at the culvert.

Hamra Beds, unit c, top.

BOTTARVE 1, CJ 3112 2054, ca. 2980 m NNW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately W of the road and ca. 190 m SSW of the house at Bottarve. Bottarve 1 is located at the sharp bend of the ditch.

Hamra Beds, unit b.

BOTTARVE 2, CJ 3101 1950, ca. 1980 m NNW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately W of the path (field road) and ca. 260 m S of the sharp bend of the road S of Bottarve. Bottarve 2 is located at the sharp bend of the ditch.

Hamra Beds, unit b.

BOTVIDE 1, CJ 5851 5295, ca. 2350 m NE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Low inland cliff section immediately W of the road and ca. 170 m NE of the triangulation point at Lausbackar. The locality is located 50 m SSW of the southern house at Botvide. For a detailed description, see Hede 1925 and 1960.

Reference level: The Hemse (bed b) — Eke (bed e) boundary.

Hemse Beds and Eke Beds.

References: Munthe 1902, p. 41, lines 20-22, line 26 — p. 42, line 11 (contains lists of fossils); van Hoepen 1910, p. 50; Hede 1925, p. 45, lines 17-32 (contains lists of fossils); Hede 1960, Loc. 42, pp. 80-81; Martinsson 1962, p. 57; Martinsson 1967, p. 370, line 21; Fåhraeus 1969, pp. 12, 14.

BOTVIDE 2, CJ 5840 5279, ca. 2190 m NE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Isolated SE-facing cliffs, ca. 90 m SE of the triangulation point at Lausbackar and ca. 120 m S of the windmill.

Eke Beds, middle-upper part.

References: Munthe 1902, p. 41, lines 23-25; Hede 1925, p. 45, foot-note.

BRINGES 1, CJ 3956 2054, ca. 3680 m NE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

The southwestern wall of abandoned quarry ca. 25 m N of the road and ca. 375 m W of the sharp bend of the road S of Bringes. Bringes 1 is located ca. 15 m E of the stone fence.

The stone fence along the road has been marked with a yellow dot at the proper place.

Sundre Beds, lower part.

BRINGSARVE 1, CJ 6190 6230, ca. 340 m ENE of Ardre church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately E of the road at Bringsarve. For a detailed description, see Hede 1929.

Hemse Beds, unit c.

References: Hede 1929, p. 34, lines 15-24 (contains list of fossils).

BROA 1, CK 8767 1458, ca. 4910 m E of Bunge church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Abandoned quarry and inland cliff, ca. 280 m NW of point 19,67 northwest of Ryssnäs. Broa 1 is located in the northern part of the inland cliff and ca 110 m SW of the cross-roads.

Reference point: The spring.

Slite Beds, Ryssnäs Limestone.

References: Hede 1936, p. 35, line 3 from below — p. 36, line 22 (contains list of fossils); Hede 1960, Loc. 26, pp. 71-72; Martinsson 1962, p. 51.

BROA 2, CK 8768 1443, ca. 4930 m E of Bunge church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Inland cliff section ca. 225 m W of point 19,67 northwest of Ryssnäs. Broa 2 is located ca. 240 m SSW of the cross-roads. Walk from the cross-roads towards the south and follow the western edge of the plateau to the solitary tree. Broa 2 is located in the cliff facing west.

Reference point: The protruding part of the cliff at the painted line. Fig. 2.

Reference level: Painted base of the bed ca. 165 cm above base of the cliff.

Slite Beds, Ryssnäs Limestone.

BROTRÄSKKRÖKEN 1, CJ 4500 5555, ca. 2550 m E of Lojsta church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Inland cliff section immediately SW of the road and ca. 540 m SE of point 40,0.

Hemse Beds, middle-upper part.

References: Mori 1970, p. 23, Loc. 124.

BUNN 1, CK 8031 1408, ca. 2470 m W of Bunge church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

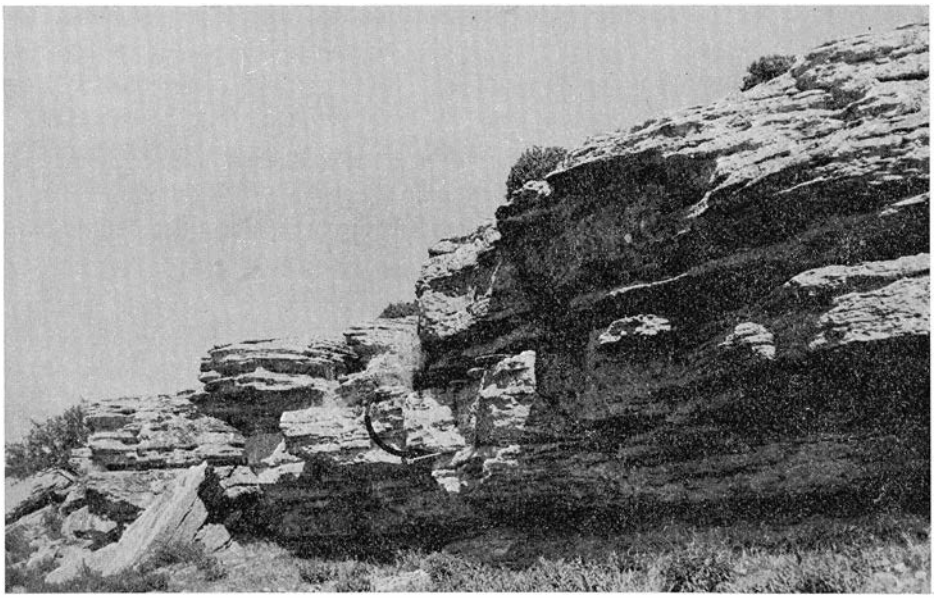

Fig. 2. Broa 2. Photograph of the reference point with an arrow showing the reference level.

Low road cutting SW of the road and ca. 185 m SW of the western house at Bunn an ca. 75 m SE of the cross-roads.

Slite Beds, unit g.

BURGEN 1, CJ 5458 4572, ca. 5250 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Abandoned quarry immediately N of the road, ca. 220 m WNW of the north-easternmost house at Hemmor and ca. 180 m W of the first cross-roads north of Hemmor.

Burgsvik Beds.

References: Hede 1925, p. 32, lines 9-10.

BURGEN 2, CJ 5461 4591, ca. 5200 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Temporary excavation for a telephone pole immediately S of the road, ca. 800 m W of point 16,35 at Tiricker and ca. 125 m W of the road to Hemmor.

Hamra Beds, lower part.

References: Hede 1925, p. 33, lines 9-11 from below (reference to the area in general).

BURGEN 3, CJ 5408 4610, ca. 4125 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch section, ca. 490 m NE of the triangulation point at Burgen and ca. 210 m N of the cross-roads.

Eke Beds.

References: Hede 1925, p. 32, lines 17-21 (reference to the area in general).

BURGEN 4, CJ 5347 4609, ca. 4075 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch section, ca. 370 m NW of the triangulation point at Burgen. Burgen 4 is located ca. 30 m S of the edge of the forest.

Reference level: The Hemse — Eke boundary.

Hemse Beds and Eke Beds.

References: Hede 1925, p. 25, line 18 (reference to the area in general).

BURGEN 5, CJ 5346 4600, ca. 4110 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section, ca. 300 m NW of the triangulation point at Burgen. Burgen 5 is located at the edge of the field and ca. 30 m W of the sharp bend of the ditch.

Eke Beds, lower part.

References: Hede 1925, p. 25, line 18 (reference to the area in general).

BURGEN 6, CJ 5393 4561, ca. 4675 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Abandoned quarry immediately SE of the road and ca. 300 m SE of the triangulation point at Burgen. Burgen 6 is located ca. 80 m NE of the house.

Burgsvik Beds, upper part.

References: Hede 1925, p. 32, lines 9-11 (reference to the area in general).

BURGEN 7, CJ 5405 4576, ca. 4750 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Abandoned quarry ca. 15 m W of the small road and ca. 370 m E of the triangulation point at Burgen.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Hede 1925, p. 32, lines 11-12, p. 33, lines 9-11 from below (reference to the area in general).

BURGSVIK 1, CJ 3474 2420, ca. 1570 m WSW of Öja church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Temporary excavation immediately S of the crossing between the main road and the road towards Bobbenarve, ca. 90 m NE of point 8,76 at Burgsvik.

Hamra Beds, unit a.

BUSKE 1, CJ 3317 8782, ca. 3280 m NW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section W of the northernmost house at Buske.

Reference level: The boundary between Lower and Upper Visby Beds at about 75 cm above base of the section.

Lower Visby Beds and Upper Visby Beds.

References: Martinsson 1962, p. 47,

DACKER 1, CJ 4805 9372, ca 1880 m SW of Bro church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry ca. 690 m WSW of the northwesternmost house at Dacker. The quarry is located immediately SW of the place where the three paths cross each other. It is the second from west of the four quarries in row marked on the geological map sheet. For a detailed description, see Hede 1960.

Slite Beds, unit e.

References: Hede 1940, p. 50, lines 11-13; Hede 1960, Loc. 7, pp. 57-58.

DANS 1, CJ 3853 6611, ca. 2140 m WSW of Hejde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Rivulet section immediately W of the road and just opposite of where the road from Munsarve runs into the major road.

Klintebergs Beds, lower part.

DÄPPS 1, CJ 3287 6149, ca. 3640 m NE of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Former railway section, ca. 15-50 m SE of the road. The locality is located SW of the water-filled ditch NNE of Däpps.

Mulde Beds, upper part.

References: Hede 1927a, p. 37, lines 2-4; Martinsson 1960, p. 5; Martinsson 1962, p. 53.

DÄPPS 2, CJ 3278 6169, ca. 1650 m SW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Former railway section, ca. 20-180 m NNW of the road and ditch intersection N of Däpps.

Reference point: The northwestern end of the section at the parish boundary (a path).

Mulde Beds, upper part.

DIGERHUVUD 1, CK 8849 2846, ca. 7450 m NNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Sea stack (raukar) area ca. 50 m SSW of the northwesternmost point of Digerhuvud.

Högklint Beds, lower-middle part.

DIGRANS 1, CJ 2592 1172, ca. 3510 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch section 15 m S of the road and ca. 500 m WSW of the house at Digrans.

Hamra Beds, lower part.

DJAUPVIKSUDDEN 1, CJ 6785 7142, ca. 6060 m NW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure on the beach immediately NW of the small bay northwest of *D* in *D*jaupvik and ca. 1030 m ENE of the house at L. Hammars. For a detailed description, see Hede 1929.

Reference level: The boundary between unit b (0.2 m +) and unit c *(Eurypteris fisheri* beds, 0.3 m).

Hemse Beds, units b and c.

References: Hede 1929, p. 27, line 21 — p. 28, line 9 (contains list of fossils); Martinsson 1962, p. 55, lines 17-23 (Djupvik in Kräklingbo); Eisenack 1964a, p. 311, Loc. 52; Eisenack 1968b, Pl. 25, fig. 21.

DJAUPVIKSUDDEN 2, CJ 6797 7129, ca. 5900 m NW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure at the northernmost part of the point SE of *D* in *D*jaupvik and ca. 1120 m E of the house at L. Hammars. The locality is located NE of the boat-houses (not marked on the topographical map sheet).

Hemse Beds, unit c, lower part.

DJAUPVIKSUDDEN 3, CJ 6813 7151, ca. 5870 m ESE of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure in the small point towards the south and ca. 1100 m SSE of the triangulation point at Garnudden.

Hemse Beds, unit c.

References: Hede 1929, p. 33, lines 17-19.

DJUPVIK 1, CJ 2814 5529, ca. 4180 m SW of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section ca. 75 m NE of the house NW of the road and ca. 275 m SW of the harbour of Djauvik. For a detailed description, see Hede 1927b.

Mulde Beds, lower part.

References: von Helmersen 1858, p. 9 (contains list of fossils); Holm 1890, p. 25; Hennig 1906, p. 25, line 8; Hede 1927b, p. 19, lines 4-14 from below; Hede 1942, Loc. 1 b; Boucot 1962, Pl. 97, figs. 1-6, Pl. 100, fig. 14, Pl. 101, figs. 12-13; Martinsson 1962, p. 53; Eisenack 1964b, p. 310, Loc. 25; Mori 1970, p. 14, Loc. 68.

DOMERARVE 1, CJ 3938 3239, ca. 3160 m S of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately SW of the road and ca. 780 m WSW of point 5,06 at Frigsarve. The locality is located ca. 30 m SE of the western edge of the wood.

Burgsvik Beds, top.

DRAKARVE 1, CJ 3352 3682, ca. 5080 m WSW of Havdhem church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Water hole immediately S of the road, ca. 1870 m W of the triangulation point 20,24 NE of Drakarve. The locality is located ca. 12 m WSW of the edge of the forest.

Hemse Beds, Hemse Marl, uppermost part.

EKE 1, CJ 4169 3930, ca. 90 m ESE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section SE of the road and ditch intersection and ca. 15 m SE of the road.

Eke Beds.

References: Martinsson 1962, p. 57; Boucot & Johnsson 1967b, p. 1233 (USNM loc. 10080).

EKE 2, CJ 4162 3936, ca. 70 m NE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section immediately NW of the road and ditch intersection. Eke 2 comprises the section from the bridge and to the bend of the ditch ca. 50 m towards NNW.

Eke Beds.

References: Hede 1927b, p. 35, lines 14-27 (contains list of fossils).

ENHOLMEN 1, CJ 7003 9723, ca. 1810 m SE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Cliff section immediately S of the jetty, ca. 225 m N of the northern end of the southwestern old fortress.

Slite Beds, unit g (outlier).

References: Hede 1928, p. 41, lines 24-26; Martinsson 1962, p. 52 (references to Enholmen in general).

ESKE 1, CJ 3269 4808, ca. 2570 m NNW of Silte church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse. Drainage ditch section, ca. 970 m NE of point 16,65 N of Snausarve and ca. 200 m WSW of the bend of the ditch.

Hemse Beds, Hemse Marl, northwestern part.

References: Martinsson 1962, p. 54.

ETEBOLS 1, CK 4706 0389, ca. 2760 m SW of Lummelunda church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure ca. 100 m SW of the field road and ca. 225 m SE of the house immediately NW of *b* in Hem*b*. gård.

Tofta Beds, upper part.

ETEBOLS 2, CK 4707 0408, ca. 2610 m SW of Lummelunda church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure ca. 35 m NE of field road and ca. 150 m E of the house immediately NW of *b* in Hem*b*. gård. For a detailed description, see Hede 1960.

Tofta Beds, top, and *Slite Beds,* Katrinelund Limestone.

References: Hede 1960, Loc. 6, pp. 56-57.

FÅGELHAMMAR 1, CJ 6401 5844, ca. 7550 m SW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Sea stack area in the southeasternmost part of the point called Folhammar

and ca. 90 m SE of the triangulation point. For map and photographs, see Manten 1971.

Reference point: The pillbox.

Hemse Beds, upper part.

References: Hede 1929, p. 53, lines 5-26 (contains list of fossils); Manten 1966, pp. 271-272, Fig. 4; Manten 1971, Figs. 193-196.

FÅGELHAMMAR 2, CJ 6415 5883, ca. 7170 m SW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Sea stack area at the shore, ca. 350 m NNE of the triangulation point at Folhammar.

Hemse Beds, upper part.

References: Hede 1929, p. 53, lines 5-7.

FAKLE 1, CJ 7173 6565, ca. 960 m SSE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section west of the road and ca. 400 m NW of the westernmost house at Fakle. For a detailed description, see Hede 1929.

Hemse Beds, unit c.

References: Hede 1929, p. 38, lines 3-12 from below; Martinsson 1962, p. 56.

FALUDDEN 1, CJ 4198 2016, ca. 5570 m ENE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure, ca. 130 m NE of the easternmost house at Faludden and ca. 225 m NNW of the point N of Gamla hamn. Faludden 1 is located immediately N of the restricted area.

Reference point: The northern fence of the restricted area.

Sundre Beds, lower part.

References: Mori 1970, p. 30, Loc. 151.

FALUDDEN 2, CJ 4198 2027, ca. 5625 m ENE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure, ca. 220 m NE of the easternmost house at Faludden and ca. 110 m N of Faludden 1.

Reference level: The Hamra-Sundre boundary.

Hamra Beds and Sundre Beds.

FARNAVIK 1, CK 8718 2315, ca. 3090 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure in the field road, ca. 160 m E of the cross-roads immediately SW of Farnavik.

Slite Beds, Kalbjerga Limestone.

References: Hede 1936, p. 23, lines 24-31.

FARNAVIK 2, CK 8742 2309, ca. 2875 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure in the field road, ca. 420 m E of the cross-roads immediately SW of Farnavik.

Slite Beds, Kalbjerga Limestone.

References: Hede 1936, p. 23, lines 24-31.

FÅRÖ KYRKA 1, CK 8933 2093, ca. 75 m WSW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Ditch excavation immediately north of the road.

Slite Beds, Ryssnäs Limestone.

References: Hede 1936, p. 35, lines 14-15 from below (reference to the area in general).

FÅRÖ SKOLA 1, CK 9000 2127, ca. 600 m ENE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Shore exposure at the middle of the three small spits on the topographical map sheet.

Slite Beds, Slite Marl.

References: Hede 1936, pp. 31-32 (list of fossils in the lower part of page 31 and in the first four lines of p. 32); Martinsson 1962, p. 51.

FIE 1, CJ 5776 5013, ca. 1700 m NE of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure along the field road (not marked on the topographical map but marked on the geological map sheet), ca. 70 m E of the road between Kauparve and Hägdarve and ca. 380 m ESE of point 10,83.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 56.

FIE 2, CJ 5803 5006, ca. 1820 m NE of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure immediately N of the field road (not marked on the topographical map but marked on the geological map sheet), ca. 300 m E of the road between Kauparve and Hägdarve and ca. 625 m ESE of point 10,83.

Hemse Beds, Hemse Marl, southeastern part.

FJÄLE 1, CJ 6278 7552, ca. 2160 m N of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure immediately SW of the road and ca. 270 m WSW of the southwesternmost house at Fjäle. The locality is located ca. 25 m SE of the edge of the forest.

Klinteberg Beds, unit e.

References: Hede 1929, p. 21, lines 12-21 from below (reference to the area in general).

FJÄLE 2, CJ 6275 7560, ca. 2260 m N of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Ditch exposure immediately NE of the road and ca. 270 m W of the southwesternmost house at Fjäle. Fjäle 2 is located just at the edge of the forest.

Klinteberg Beds, unit d.

References: Hede 1929, p. 20, line 9.

FJÄLE 3, CJ 6258 7586, ca. 2500 m N of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Ditch exposure immediately NE of the road and ditch intersection, ca. 475 m NW of the southwesternmost house at Fjäle.

Klinteberg Beds, unit e.

References: Hede 1929, p. 21, lines 1-4 from below.

FJÄLE 4, CJ 6251 7591, ca. 2550 m N of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Shallow excavation immediately SW of the road, ca. 570 m NW of the southwesternmost house at Fjäle. The locality is located in the middle of the point of the woods.

Klinteberg Beds, unit e.

References: Hede 1929, p. 21, lines 12-21 from below (reference to the area in general).

FJÄRDINGE 1, CJ 6353 8553, ca. 1940 m NW of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Ditch section immediately NW of the road, ca. 150 m SW of the cross-roads at Fjärdinge.

Klinteberg Beds, unit b.

FOLLINGBO 1, CJ 4264 8617, ca. 1200 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Road cutting immediately NE of the main road, ca. 140 m W of point 68,2.

Slite Beds, Slite Marl, northwesternmost part.

References: Martinsson 1962, p. 50.

Note: Follingbo 1 is not accessible any longer because the new (1973) main road runs across the locality.

FOLLINGBO 2, CJ 4349 8485, ca. 575 m SSW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section at the bend of ditch ca. 50 m N of the old main road.

Slite Beds, Slite Marl, northwesternmost part.

References: Martinsson 1962, p. 50 (Follingbo II).

Note: The new (1973) main road runs about 50 m NE of Follingbo 2.

FOLLINGBO 3, CJ 4353 8698, ca. 1570 m N of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Road section in the northeasternmost part of the bend of the road, ca. 325 m SSE of the triangulation point at Rosendal.

Slite Beds, Slite Marl, northwesternmost part.

References: Martinsson 1962, p. 51.

FOLLINGBO 4, CJ 4250 8630, ca. 1425 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section immediately SW of the new (1973) main road and ca. 270 m NW of point 68,2 and ca. 600 m SW of the radio station (three-arrow sign) at Jakobsberg.

Slite Beds, unit g.

FOLLINGBO 5, CJ 4316 8617, ca. 875 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure and ditch excavation ca. 15 m NW of the road, ca. 260 m SW of the cross-roads at Jakobsberg.

Slite Beds, Slite Marl, northwesternmost part.

References: Hede 1940, p. 61, last line — p. 62, line 13 (reference to the area in general).

FOLLINGBO 6, CJ 4286 8601, ca. 940 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Temporary excavation for foundations of a new house (not marked on the

topographical map sheet) 15 m N of the road and 35 m E of the new (1973) main road and ca. 570 m SW of the cross-roads at Jakobsberg.

Slite Beds, Slite Marl, northwesternmost part.

References: Hede 1940, p. 61, last line — p. 62, line 13 (reference to the area in general).

FOLLINGBO 7, CJ 4285 8593, ca. 900 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch exposure immediately SW of the new (1973) main road and immediately SE of the place where the small road from southwest runs into the new main road, ca. 270 m SE of point 68,2.

Slite Beds, Slite Marl, northwesternmost part.

References: Hede 1940, p. 62, lines 11-13 (reference to the area in general).

FORSE 1, CJ 3852 6557, ca. 2360 m SW of Hejde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately S of the road, ca. 340 m WSW of point 45,5 at Forse.

Klinteberg Beds, lower part.

References: Mori 1970, p. 18, Loc. 89.

FRIDHEM 1, CJ 6628 6723, ca. 3070 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure ca. 20 m N of the (old) road and ca. 120 m NE of point 19,50 at Trosingsgärdet. For a detailed description, see Hede 1929.

Hemse Beds, unit b.

References: Hede 1929, p. 28, lines 14-30 (contains list of fossils).

FRIDHEM 2, CJ 6630 6680, ca. 2750 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure, ca. 75 m E of the road and ca. 160 m ENE of the solitary house and ca. 360 m SSE of point 19,50 at Trosingsgärdet.

Hemse Beds, unit a.

FRÖJEL 1, CJ 3113 5799, ca. 490 m SSE of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Inland cliff section ENE of the road and ca. 30 m E of the house (which lies a little off the road) NNW of *S* at *S*igdarve.

Mulde Beds and Klinteberg Beds.

FRÖJEL 2, CJ 3091 5816, ca. 275 m S of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Ditch section immediately W of the main road and opposite the small road that runs towards "Fornborg".

Mulde Beds, upper part.

FRÖJEL 3, CJ 3112 5823, ca. 280 m SSE of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Inland cliff section immediately E of the house N of *F* in *F*ornborg.

Klinteberg Beds, lower part.

GALGBERGET 1, CJ 3971 9323, ca. 1360 m NE of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry ca. 300 m E of the monument (the "Gallows") immediately W of *G* in *G*algberget. From the cross-roads at *g* in Gal*g*berget there is a path (not marked on the topographical map sheet) towards the east and running to the quarry. For a detailed description, see Hede 1960.

Reference point: The protruding part of the southwestern quarry wall, where there is a marked and measured section.

Reference level: The Högklint-Tofta boundary (marked in the wall), see Hede 1940, Fig. 10.

Högklint Beds and Tofta Beds.

References: Hede 1940, Figs. 10, 14, 15, p. 32, lines 6-7 from below; Hede 1960, Loc. 4, pp. 55-56; Martinsson 1962, p. 48; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4954; Mori 1968, p. 26, Loc. 25, p. 27, Loc. 34.

GAMLAHAMN 1, CK 869 242, ca. 5.1 km NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Sea stack area on the shore W of "G" south of Gamlahamn. For a detailed description, see Hede 1960.

Högklint Beds, unit b.

References: Hede 1936, p. 14, lines 5-6; Hede 1960, Loc. 21, pp. 68-69 (contains list of fossils).

GAMLAHAMN 2, CK 8732 2444, ca. 4000 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Inland cliff section ca. 375 m SSW of the S house in Lauter Fiskeläge. For a detailed description, see Hede 1960.

Reference level: The boundary between Högklint and Slite Beds.

Högklint Beds (unit c) *and Slite Beds* (unit c).

References: Hede 1936, p. 17, lines 7-14; Hede 1960, Loc. 22, pp. 69-70 (contains list of fossils).

GANDARVE 1, CJ 5282 8056, ca. 1230 m SSE of Dalhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Low section at the northern side of the Dalhem rivulet, ca. 110 m ENE of the first house S of the Dalhem rivulet at the eastern side of the road. For a detailed description, see Hede 1929.

Reference point: Eastern edge of the concrete channel.

Reference level: The boundary between Hede's local 0.4 meter unit and his 1.3 m unit.

Halla Beds.

References: Hedström 1923, p. 8; Hede 1929, p. 16, line 3 — p. 17, line 2 (contains lists of fossils of the different units); Martinsson 1962, p. 52.

GANDARVE 2, CJ 5290 8054, ca. 1280 m SSE of Dalhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Low section at the southern side of the Dalhem rivulet, ca. 100 m E of the first house south of Dalhem rivulet at the eastern side of the road.

Halla Beds.

References: Hede 1929, p. 17, lines 3-6.

GANE 1, CJ 6153 9233, ca. 2825 m ENE of Bäl church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Old railway section (no rails) ca. 120 m ENE of the house and ca. 1620 m WNW of the westernmost house at Gane.

Slite Beds, Slite Marl.

References: Martinsson 1962, p. 50.

GANNES 1, CJ 7080 6669, ca. 680 m WNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section ca. 140 m WSW of the northwesternmost house at Ganne. For a detailed description and a photograph of the locality, see Hede 1929.

Reference level: The boundary between units c and d.

Hemse Beds, units c and d.

References: Hede 1929, Fig. 11, p. 38, line 2 from below — p. 39, line 10 (contains list of fossils); Martinsson 1962, p. 56.

GANNES 2, CJ 7069 6677, ca. 780 m WNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Cliff section, ca. 75 m SW of the road and below and NE of the quarry. Gannes 2 is located ca. 225 m W of the northwesternmost house at Ganne.

Reference level: The boundary between units c and d.

Hemse Beds, units c and d.

GANNES 3, CJ 7062 6670, ca. 820 m WNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Abandoned quarry ca. 290 m W of point 13,4 at Ganne. For a detailed description, see Hede 1929.

Reference point: The southwestern wall of the quarry.

Hemse Beds, unit d.

References: Hede 1929, p. 39, line 5 from below — p. 40, line 8 (contains list of fossils of the bedded limestone) and p. 51, line 4 from below — p. 52, line 9 (contains list of fossils of the reef limestone).

GANNOR 1, CJ 5562 5020, ca. 1850 m NW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Drainage ditch section (Lau Kanal or Närkån) at the northeastern side of the ditch and NW of the bridge. For a detailed description, see Munthe 1902 and Hede 1925.

Reference point: Northeastern edge of the bridge. There is a measured and marked section ca. 35 m NW of the bridge.

Reference level: The Hemse-Eke boundary.

Hemse Beds and Eke Beds.

References: Munthe 1902, pp. 227-249 (contains a measured section and lists of fossils for the different lithological units); Hede 1925, pp. 35-43 (contains a measured section and lists of fossils for the different lithological units); Martinsson 1962, p. 57; Eisenack 1964a, p. 311, Loc. 41; Eisenack 1968b, Pl. 28, figs. 27, 30-32, Pl. 29, fig. 33; Böger 1968, p. 135 (Lau Kanal); Fåhraeus 1969, p. 13 (Lau Kanal).

Note: The papers by Munthe (1902) and Hede (1925) are indispensable for all work in this section. If letter designations are used for the various beds, reference should be given to which system is used, since the two authors used slightly different letters.

GANNOR 2, CJ 5561 5019, ca. 1850 m NW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Drainage ditch section (Lau Kanal or Närkån) at the southwestern side of the ditch and NW of the bridge. Gannor 2 comprises the distance 0-225 m NW of the bridge.

Reference point: Northwestern edge of the bridge.
Reference level: The Hemse-Eke boundary.
Hemse Beds and Eke Beds.

GANNOR 3, CJ 5566 5010, ca. 1780 m NW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Drainage ditch section (Lau Kanal or Närkån) at the northeastern side of the ditch and SE of the bridge. Gannor 3 comprises the distance 0-275 m SE of the bridge (to the first bend of the ditch).

Reference point: Southeastern edge of the bridge.
Hemse Beds, Hemse Marl, uppermost part.

GANTHEM 1, CJ 5567 7810, ca. 820 m NNE of Ganthem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Abandoned quarry (marked on the geological map sheet) ca. 10 m NW of the road.

Klinteberg Beds, unit c.
References: Hede 1929, p. 19, lines 3-5.

GARDRUNGS 1, CJ 3573 8060, ca. 1520 m SW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Low inland cliff immediately NW of the road and ca. 170 m NE of point 56,05 at Gardrungs.

Slite Beds, Conchidium tenuistriatum Beds.
References: Martinsson 1962, p. 51.

GARDRUNGS 2, CJ 3550 8039, ca. 1830 m SW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry 20 m S of the road and ca. 150 m SW of point 56,05 at Gardrungs. The quarry is marked on the geological map sheet. For a detailed description, see Hede 1927a.

Slite Beds, Conchidium tenuistriatum Beds.
References: Hede 1927a, p. 26 last line — p. 27 first line, p. 27, lines 7-27 (contains list of fossils from the now inaccessible southern wall of the quarry).

GARNUDDEN 1, CJ 6815 7200, ca. 5775 m ESE of Anga church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Low cliff at the sea shore, ca. 100 m ENE of the end of the field road and ca. 690 m SSE of the triangulation point at Garnudden.

Hemse Beds, unit a.

GERETE 1, CJ 4115 4907, ca. 1770 m SE of Fardhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Drainage ditch section at the bridge at the end of the field road marked on the map sheet, ca. 750 m E of the house at Gerete. The locality comprises from 50 m SW of the bridge to 50 m NE of the bridge.

Reference point: The bridge.

Hemse Beds, Hemse Marl, northwestern part.

GERUMSKANALEN 1, CJ 3900 5284, ca. 670 m S of Gerum church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately E of the road, ca. 120 m SSW of the house at Uddvide.

Hemse Beds, Hemse Marl, northwestern part.

GISLE 1, CJ 3445 2402, ca. 1890 m WSW of Öja church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Surface exposure ca. 250 m SW of point 8,76 at Burgsvik and ca. 80 m S of the windmill and immediately SW of the small road passing the windmill.

Hamra Beds, unit a.

References: Martinsson 1962, p. 58.

GISSLAUSE 1, CK 6818 0325, ca. 3975 m SSW of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation immediatly S of the road at the ditch and road intersection, ca. 390 m ESE of the house immediately S of *s* at Gisslause.

Slite Beds, unit g.

GLASSKÄR 1, CJ 6100 4578, ca. 11420 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure at the small point, ca. 1750 m NE of the house at the lighthouse at När and ca. 240 m WSW of the sharp bend of the path.

Burgsvik Beds, lower part.

References: Hede 1925, p. 31, lines 2-3 (reference to the area in general).

GLASSKÄR 2, CJ 6090 4578, ca. 11325 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure, ca. 1700 m NE of the house at the light-house at När and ca. 330 m WSW of the sharp bend of the path.

Burgsvik Beds, lower part.

References: Hede 1925, p. 31, lines 2-3 (reference to the area in general).

GLASSKÄR 3, CJ 6075 4582, ca. 11180 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure, ca. 1660 m NNE of the house at the light-house at När and ca. 970 m W of the sharp bend of the path. Glasskär 3 is located at the E side of the very small bay SW of the skerry.

Burgsvik Beds and Eke Beds.

References: Hede 1925, p. 25, lines 20-21 (reference to the area in general).

GLÄVES 1, CJ 5135 4787, ca. 5510 m WSW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Temporary excavation N of the road and immediately WSW of the house, ca. 230 m W of point 16,23.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 57.

GLÄVES 2, CJ 5163 4769, ca. 5280 m WSW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Temporary excavation immediately W of the road and ca. 180 m S of the cross-roads and point 16,23.

Hemse Beds, Hemse Marl, southeastern part.

GNISVÄRD 1, CJ 0000 0000, ca. 4050 m SW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Dumped (at CJ 2697 7727) rock-material from the excavation of the harbour. The locality comprises the area N of the harbour and SW and W of the western row of boat-houses. For a detailed description, see Hede 1960.

Upper Visby Beds.

References: Eisenack 1959, p. 6, line 2; Hede 1960, Loc. 28, p. 73; Martinsson 1962, p. 47; Boucot 1962, Pl. 102, fig. 4; Eisenack 1964a, p. 310, Loc. 21; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4951; Eisenack 1966a, p. 578, line 17; Eisenack 1966b, p. 396, Fig. 3, Pl. 31, fig. 4; Eisenack 1967a, p. 262, lines 11-12 from below, Pl. 27, figs. 6-7; Boucot & Johnson 1967a, p. 95 (USNM loc. 10047); Eisenack 1968a, p. 308, line 7, Pl. 22, fig. 6; Eisenack 1968b, Pl. 27, fig. 6, Pl. 30, figs. 26, 28, Pl. 31, figs. 11-12.

GODRINGS 1, CJ 5425 7836, ca. 1260 m NW of Ganthem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately E of the road, ca. 160 m N of the southernmost house at Godrings.

Reference level: The Halla-Klinteberg boundary.

Halla Beds and Klinteberg Beds, unit a.

References: Hede 1929, p. 17, lines 7-25 (contains list of fossils of the Halla Beds) and lines 9-11 from below.

GODRINGS 2, CJ 5435 7835, ca. 1320 m NW of Ganthem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section 50 m W of the road and ca. 190 m NW of the southernmost house at Godrings. For a detailed description, see Hede 1929.

Halla Beds, uppermost part.

References: Hede 1929, p. 17, lines 7-25 (contains list of fossils).

GOGS 1, CJ 5833 5350, ca. 3660 m SSE of Alskog church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Ditch section in a field, ca. 360 m N of the triangulation point at Lausbackar and ca. 220 m NW of the northernmost house at Goks. For a detailed description, see Hede 1960.

Reference level: The conglomerate bed.

Hemse Beds, Hemse Marl, uppermost part.

References: Hede 1960, Loc. 41, pp. 79-80 (contains list of fossils); Martinsson 1962, p. 57; Eisenack 1964a, p. 311, Loc. 49; Taugourdeau & Jekhowsky 1964 I. F. P. No. 4960; Martinsson 1967, p. 370, line 21; Gross 1968a (a paper on the fish scales of the bone bed at Gogs 1); Fåhraeus 1969, p. 12; Janvier 1971, pp. 2223-2224, Fig. 1; Jeppsson 1972, p. 63.

GOGS 2, CJ 5838 5340, ca. 3770 m SSE of Alskog church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Temporary ditch excavation ca. 520 m N of the triangulation point at Lausbackar and ca. 110 m WNW of the northernmost house at Goks.

Hemse Beds, Hemse Marl, uppermost part.

GOTHEMSHAMMAR 1, CJ 6847 8751, ca. 5280 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Low cliff section immediately SSW of the bight and ca. 490 m NW of the

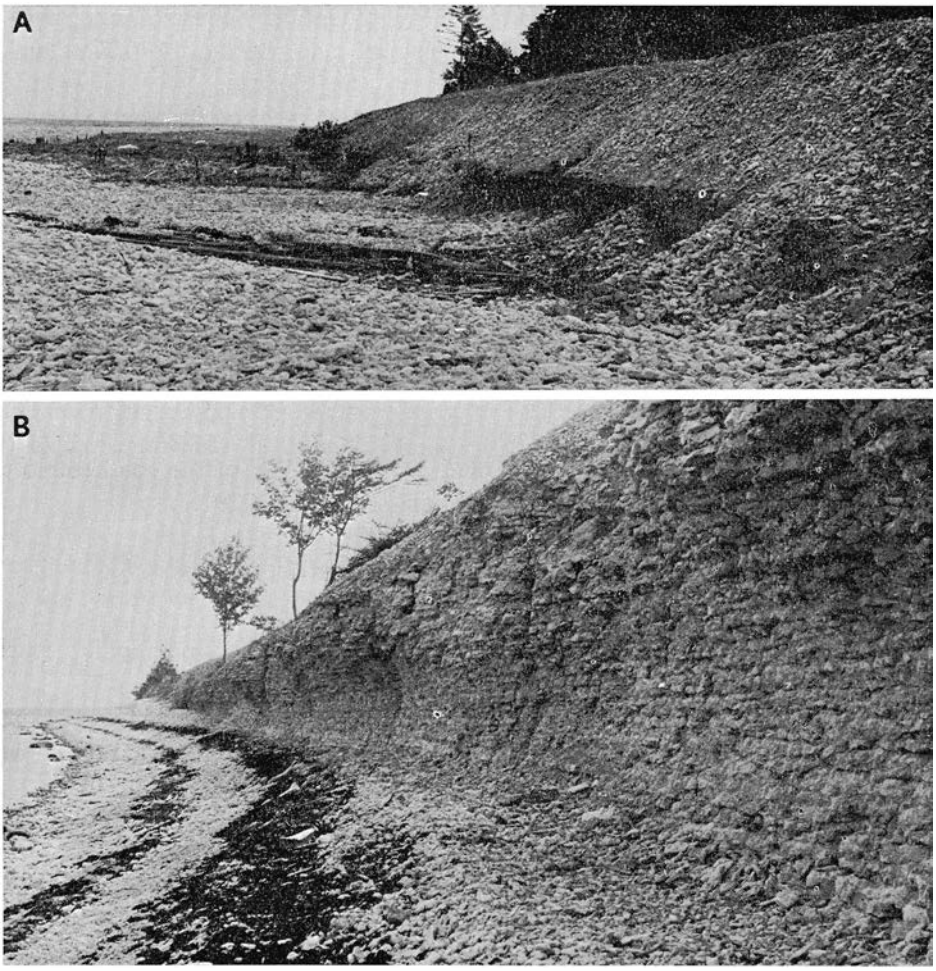

Fig. 3. A. Gothemshammar 1. B. Gothemshammar 2. The reference point is located at the solitary rowan tree, the third from the right in the photograph.

triangulation point at Gothemhammar. The locality is located west of the pillbox and opposite the locality a pine tree southwest of the field road (path) is marked with an orange dot. For a detailed description, see Hede 1928.

Reference level: The Halla-Klinteberg boundary.

Halla Beds and Klinteberg Beds, units c and a, respectively.

References: Hede 1928, p. 54, line 9 — p. 56, line 5 (contains lists of fossils).

Note: The reference level is located above the protruding part of the section and is nowadays covered by scree. It is very easy to uncover the Halla-Klinteberg boundary. Fig. 3 A.

Fig. 4. Gothemshammar 3.

GOTHEMSHAMMAR 2, CJ 6870 8732, ca. 5340 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Cliff section (2-2.5 m), ca. 180 m NW of the triangulation point at Gothemhammar. At the southernmost part of the section a pine east of the field road (path) is marked with an orange dot. The northern boundary of Gothemshammar 2 is located ca. 50 m SE of the pillbox. For a detailed description, see Hede 1928.

Reference point: The solitary rowan tree immediately southwest of the section. Fig. 3 B.

Reference level: The Halla-Klinteberg boundary, which is marked in the section.

Halla Beds and Klinteberg Beds, units c and a, respectively.

References: Hede 1928, p. 56, lines 6-39 (contains lists of fossils); Martinsson 1966, p. 336, lines 14-18.

GOTHEMSHAMMAR 3, CJ 6887 8783, ca. 5350 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Low section on the beach, ca. 35 m SE of the triangulation point at Gothemhammar. The locality is located just ENE of the pillbox. Fig. 4.

Klinteberg Beds, unit a.

Fig. 5. A. Gothemshammar 4. B. Gothemshammar 5.

GOTHEMSHAMMAR 4, CJ 6890 8705, ca. 5325 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Surface exposure on the beach, ca. 160 m SE of the triangulation point at Gothemhammar. The locality is located at the bight and at the solitary shrubbery on the beach. Fig. 5 A.

Klinteberg Beds, unit a.

GOTHEMSHAMMAR 5, CJ 6905 8677, ca. 5300 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Low section on the beach, ca. 480 m SSE of the triangulation point at Gothemhammar. Gothemshammar 5 is located ca. 35 m SE of the pillbox. Fig. 5 B.

Klinteberg Beds, unit a.

GOTHEMSHAMMAR 6, CJ 6816 8767, ca. 5175 m NE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Shallow section on the beach, ca. 835 m NW of the triangulation point at Gothemhammar. At the northern margin of Gothemshammar 6 a pine tree south of the field road is marked by an orange dot. For a detailed description, see Hede 1928.

Halla Beds, unit c.

References: Hede 1928, p. 53, lines 4-18 from below (contains list of fossils).

GOTHEMSHAMMAR 7, CJ 6773 8767, ca. 5010 m NNE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Shallow section on the beach, ca. 1270 m WNW of the triangulation point at Gothemhammar. The locality is located ca. 35-125 m ESE of the fence at the eastern margin of the shooting range. For a detailed description, see Hede 1928.

Halla Beds, unit c.

References: Hede 1928, p. 53, lines 19-27 (contains list of fossils).

GOTHEMSHAMMAR 8, CJ 6754 8783, ca. 4900 m NNE of Gothem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Shallow section on the beach ca. 1480 m WNW of the triangulation point at Gothemhammar. The locality is located ca. 25 m west of the two solitary pine trees north of the field road. One of the trees is marked by an orange dot.

Halla Beds, unit c.

GROGARNS 1, CJ 7366 6872, ca. 3090 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Shore exposure at the bight, ca. 400 m SE of the triangulation point at Grogarnshuvud.

Hemse Beds, unit c.

References: Hede 1929, p. 31, line 9 from below — p. 32, line 12 (contains list of fossils); Martinsson 1962, p. 55 (locality Grogarns *pars,* MS 24, 54, 95, and 258).

GROGARNS 2, CJ 7365 6869, ca. 3060 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Lower part of cliff section immediately W of the path (not marked in the map sheet), ca. 400 m SE of the triangulation point at Grogarnshuvud. Grogarns 2 is located ca. 15 m S of the southern end of the bight and close to where the vegetation begins.

Hemse Beds, unit c.

References: Martinsson 1962, p. 55 (Locality Grogarns *pars,* MS 38).

GROGARNS 3, CJ 7360 6871, ca. 3040 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Upper part of the cliff section 50 m west of the path and ca. 360 m SSE of the triangulation point at Grogarnshuvud and ca. 75 m WSW of Grogarns 1 and the coast line.

Hemse Beds, unit d.

References: Hede 1929, p. 36, lines 3-4 from below.

GROGARNSHUVUD 1, CJ 7359 6897, ca. 3220 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Shore exposure ca. 260 m E of the triangulation point at Grogarnshuvud and NE of the northeasternmost part of the hill. Grogarnshuvud 1 is located mainly to the west of the huge boulders on the beach. At low-water levels there are exposures tens of metres outside the shore line proper. For a detailed description, see Hede 1929 and 1960.

Hemse Beds, unit c.

References: Hede 1929, p. 31, lines 9-41 (contains list of fossils); Hede 1960, Loc. 38 *pars,* p. 78, lines 3-20 (contains list of fossils); Eisenack 1964b, p. 311, Loc. 40; Jeppsson 1972, p. 60.

GROGARNSHUVUD 2, CJ 7353 6892, ca. 3120 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Cliff section NW of the field road (not marked on the topographical map sheet) at the northeasternmost part of the hill and ca. 190 m E of the triangulation point at Grogarnshuvud. The locality is located ca. 100 m SW of Grogarnshuvud 1.

Reference level: The boundary between Hede's 15 metres unit and 20 metres unit (Hede 1960, p. 78) at about 15 m a.s.l.

Hemse Beds, units c and d.

References: Hede 1929, p. 36, lines 3-4 from below; Hede 1960, Loc. 38 *pars,* p. 78, lines 21-32.

GRÖNBJÄRGSKLINT 1, CK 6430 2166, ca. 2525 m NNW of Hall church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Inland cliff section immediately SW of the road, ca. 540 m NNW of the cross-roads SE of *t* in Norsklin*t*.

Högklint Beds, unit b.

References: Hede 1933, p. 19, line 4 (Nors klint).

GRÖNDALEN 1, CJ 2304 5678, ca. 620 m NW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section in the small valley, ca. 300 m S of the northernmost skerry of Lilla Karlsö.

Klinteberg Beds, lower part.

GULLARVE 1, CJ 3902 6959, ca. 3025 m SW of Väte church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Ditch section immediately NW of the road and ca. 150 m N of the solitary house SW of Gullarve.

Reference level: Base of the Slite Siltstone.

Slite Beds, Slite Marl and Slite Siltstone.

References: Hede 1927a, p. 32, lines 8-11.

GULLARVE 2, CJ 3894 6941, ca. 3180 m SW of Väte church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Exposure in a shallow ditch at the SE side of the road and ca. 60 m WSW of the solitary house SW of Gullarve. For a detailed description, see Hede 1927a.

Halla Beds, lower part.

References: Hede 1927a, p. 33, line 10 from below — p. 34, line 3 (contains list of fossils).

GULLSTAJNEN 1, CJ 2652 1428, ca. 2085 m WNW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry NE of the path (field road) and ca. 125 m NNE of the southernmost house at Hallbjäns.

Sundre Beds, lower-middle part.

GUMBALDE 1, CJ 5811 5295, ca. 2050 m NE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Low inland cliff immediately SE of the road between Gumbalde and Lau, ca. 270 m WNW of the triangulation point at Lausbackar and just E of the cross-roads.

Eke Beds, lower part.

GUSTAVSVIK 1, CJ 3969 9429, ca. 2240 m NE of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Shore exposure at the westernmost part of the small point at Talludden. For a detailed description, see Hede 1960.

Lower Visby Beds.

References: Hedström 1917, p. 28, line 23; Hede 1960, Loc. 1, pp. 52-53 (contains list of fossils); Martinsson 1962, p. 46 (samples collected south of Gustavsvik); Taugourdeau & Jekhowsky 1964, I.F.P. No. 4950.

GUSTAVSVIK 2, CJ 4019 9476, ca. 6760 m WSW of Väskinde church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure at the shore of the westernmost part of the point and ca. 270 m NNE of the intersection of the coast line and the edge of the topographical map sheet. Gustavsvik 2 is located ca. 60 m WSW of the sign telling "Badning Förbjudet".

Lower Visby Beds, approximately 5 m below top.

References: Martinsson 1962, p. 46 (samples collected north of Gustavsvik); Eisenack 1964a, p. 310, Loc. 32.

GUSTAVSVIK 3, CJ 4031 9487, ca. 6625 m WSW of Väskinde church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Low section on the beach in the bight, ca. 410 m NNE of the intersection of the coast line and the edge of the topographical map sheet. Gustavsvik 3 is located immediately NW of the road and just opposite the pillbox.

Lower Visby Beds.

GUTENVIKS 1, CJ 7046 6697, ca. 1070 m WNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately S of the new road, ca. 130 m SE of point 18,3 at Gutenviks. The locality includes the exposure immediately N of the road.

Hemse Beds, units c and d.

Note: The new road is not marked in older editions of the topographical map sheet.

GUTEVÄGEN 1, CJ 3766 9099, ca. 1710 m SW of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Small exposure immediately W of Gutevägen and ca. 230 m SSW of point 26,89. Gutevägen 1 is located between Kopparsviksgatan and the former railway and just opposite the northernmost group of oil storage tanks.

Högklint Beds.

References: Hede 1940, p. 21, line 2 from below — p. 22, line 8 from below (contains list of fossils); Martinsson 1962, p. 47 (Martinsson's locality Visby I); Boucot & Johnson 1967a, p. 95 (USNM loc. 10050); Walmsley & Boucot 1971, p. 518, lines 4-5 from below.

GUTEVÄGEN 2, CJ 3771 9094, ca. 1700 m SW of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Prominent cliff immediately NE of Gutevägen and ca. 260 m S of point 26,89. Gutevägen 2 is located between the former railway and the Käringen windmill and between the two groups of oil storage tanks.

Högklint Beds.

References: Martinsson 1962, p. 48 (Martinsson's locality Visby II).

GUTEVÄGEN 3, CJ 3774 9114, ca. 1540 m SW of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section, ca. 60 m SSW of point 26,89. Gutevägen 3 is located ca. 125 m north of the northernmost group of oil storage tanks.

Högklint Beds.

References: Hede 1940, p. 24, lines 12-13 from below (reference to the area in general).

GYLE 1, 5694 6753, ca. 1360 m NW of Ala church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Ditch section ca. 50 m NNE of the road and ditch intersection. Gyle 1 is located at the telephone pole and at the eastern edge of the ditch. Gyle 1 comprises the distance 0-80 m NNE of the bridge. For a detailed description, see Hede 1929.

Reference point: The telephone pole.

Hemse Beds, unit b.

References: Hede 1929 p. 29, lines 10-30 from below (contains list of fossils).

HÄFTINGSKLINT 1, CK 5914 1847, ca. 6330 m NW of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Westernmost part of the cliff section E of the sea stack. See Fig. 8, Hede 1933.
Reference point: Westernmost part of the large bioherm.
Reference level: Base of the large bioherm.
Upper Visby Beds and Högklint Beds, unit a.
References: Hede 1933, p. 16, Fig. 8; p. 17, lines 1-5.

HÄFTINGSKLINT 2, CK 5915 1842, ca. 6280 m NW of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.
Section ca. 50 m SE of the sea stack. See Fig. 8, Hede 1933.
Reference point: The southern edge of the sea stack.
Reference level: The boundary between the Upper Visby Beds and the Högklint Beds.
Upper Visby Beds and Högklint Beds, unit a.
References: Hede 1933, p. 16, Fig. 8.

HÄFTINGSKLINT 3, CK 5917 1852, ca. 6350 m NW of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.
Section ca. 80 m NNE of the sea stack. The locality comprises the distance 80-230 m NNE of the sea stack.
Reference point: The northern edge of the sea stack.
Reference level: The boundary between the Upper Visby Beds and the Högklint Beds.
Upper Visby Beds and Högklint Beds, unit a.

HAGANÄS 1, CK 9075 2188, ca. 1525 m NE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.
Cliff section ca. 150 m NW of the southern tip of Haganäs.
Reference level: The boundary between the Slite Marl and Ryssnäs Limestone (see Hede 1960, p. 71).
Slite Beds, Slite Marl and Ryssnäs Limestone.
References: Hede 1936, p. 32, lines 5-26 (contains lists of fossils); Hede 1942, Loc. 35; Hede 1960, Loc. 25, p. 71; Martinsson 1962, p. 51.

HAGRUMMET 1, CJ 6267 7055, ca. 1100 m N of Kräklingbo church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.
Water hole 20 m S of the edge of the wood, ca. 130 m ENE of the road. There is a ditch between the field and the meadow. Hagrummet 1 is located SSE of the ditch and fence intersection.

Hemse Beds, unit b.

References: Hede 1929, p. 26, lines 1-21 from below (contains list of fossils).

HÄGVIDE 1, CJ 5280 4793, ca. 4060 m WSW of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Water hole section immediately N of the road and ca. 470 m WSW of point 11,42 at Hägvide. The locality is located at the intersection of the ditches.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 57 (Martinsson's samples were collected in ditches in the field some 10-30 m from the water hole).

HALL 1, CK 6481 2062, ca. 1480 m N of Hall church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Ditch immediately NE of the road, ca. 200 m S of the southern house at Medebys.

Högklint Beds, unit a, upper part.

References: Hede 1933, p. 18, lines 13-14 from below.

HÄLLAGRUND 1, CK 8447 2220, ca. 5150 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Cliff section on the western shore of the point, ca. 630 m N of the triangulation point at N. gattet. Hällagrund 1 is located ca. 175 m S of the northern tip of the Hällagrund on the geological map sheet.

Reference level: The Högklint-Slite boundary.

Högklint Beds and Slite Beds, units c of both.

References: Hede 1936, p. 20, lines 15-16.

HALLBJÄNNE 1, CJ 5988 4818, ca. 3130 m ESE of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Surface exposure, ca. 460 m S of the first house S of *H* in *H*allbjänne and ca. 1025 m ENE of the northernmost house at Rikvide. Drive to the cross-roads NE of *s* in Bomund*s* i Hammaren (the southernmost of the three settlements with that name). Ca. 15 m NW of the cross-roads there is a fence towards the SW. Follow the fence and stone-fence 250 m towards the SW. Hallbjänne 1 is located in the depression of the meadow. The bed-rock outcrops ca. 10 cm below the ground.

Eke Beds, lower part.

References: Hede 1925, p. 29, line 1.

HALLBJÄNS 1, CJ 2658 1449, ca. 2075 m WNW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Cliff section ca. 60 m SE of the road, ca. 150 m NNE of the northernmost house at Hallbjäns.

Reference level: The Hamra-Sundre boundary.

Hamra Beds, unit c, *and Sundre Beds.*

References: Munthe 1921, p. 49, lines 12-18.

HÄLLINGE 1, CJ 5247 7610, ca. 2040 m NE of Sjonhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Abandoned quarry (marked on the geological map sheet) in the forest E of the path, ca. 310 m N of the beginning of the path E of the northernmost house at Hällinge. For a detailed description, see Hede 1929.

Klinteberg Beds, unit b.

References: Hede 1929, p. 18, lines 4-20 (contains list of fossils).

HÄLLINGE 2, CJ 5205 7607, ca. 1850 m NNE of Sjonhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section at the bend of ditch, ca. 330 m N of the road.

Klinteberg Beds, unit a.

References: Hede 1929, p. 17, lines 8-11 from below.

HALLSARVE 1, CJ 5779 5140, ca. 2850 m NNE of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Inland cliff section immediately NW of the road and close to the cross-roads at Hallsarve and ca. 1580 m SSW of the triangulation point at Lausbackar. The locality is located at the fountain. For a detailed description, see Hede 1925.

Reference level: The boundary between the Hemse Beds (bed b) and Eke Beds (bed c).

Hemse Beds and Eke Beds.

References: Munthe 1902, p. 40, line 5 — p. 41, line 6 (contains lists of fossils from a measured section); Hede 1925, p. 44, line 13 — p. 45, line 11 (contains lists of fossils for all lithological units).

HALLS HUK 1, CK 6681 2265, ca. 4100 m NNE of Hall church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section ca. 60 m E of the house at Hallshuk. Halls Huk 1 comprises the section at the beach from ca. 100 m NW of the reference point and towards SE as far as to the next bioherm (cliff) ca. 300 m SE of the reference point. For a photograph of the locality, see Hede 1933.

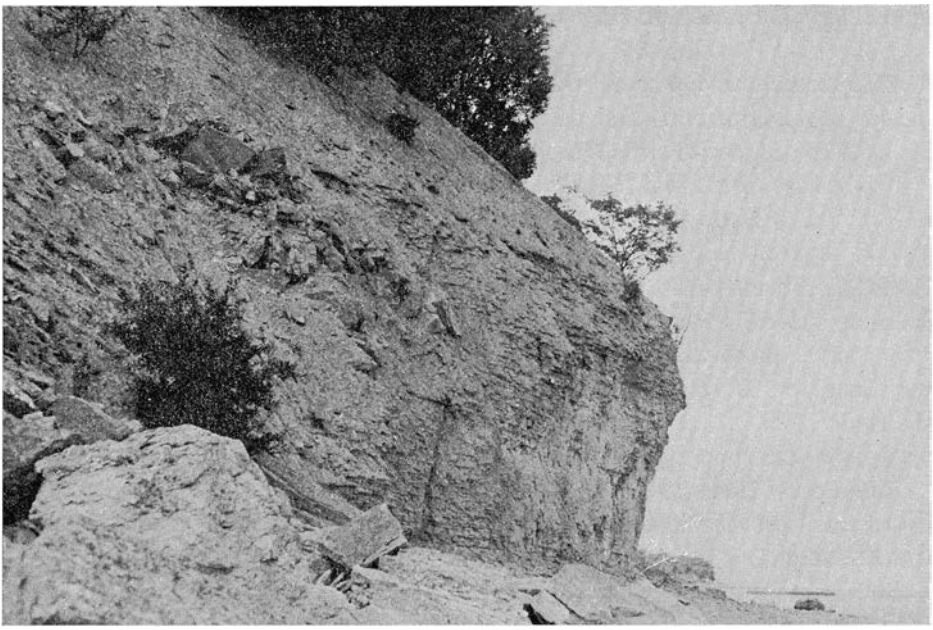

Fig. 6. Halls Huk 1. Photograph of the reference point. The reference level is located behind the boulders.

Reference point: The part of the cliff immediately NW of the huge limestone boulders on the beach. Fig. 6.

Reference level: The major bentonite bed about 25 cm above the base of the section at the reference point.

Upper Visby Beds and Högklint Beds, unit a.

References: Hede 1933, Fig. 7, p. 14, last line — p. 15, line 2, p. 18, lines 15-17 from below (reference to the area in general); Martinsson 1962, p. 47; Mori 1968, p. 21, Loc. 1, p. 25, Loc. 16 a.

Note: The name Halls huk on the geological map sheet is printed ca. 500 m SE of the proper place.

HALLS HUK 2, CK 6661 2273, ca. 4075 m NNE of Hall church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section ca. 170 m W of the house at Hallshuk.

Reference point: The caves facing the village.

Högklint Beds, unit a.

References: Hede 1933, p. 18, lines 15-17 from below (reference to the area in general).

HALLS HUK 3, CK 6704 2234, ca. 3980 m NE of Hall church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section ca. 400 m SE of the house at Hallshuk. Halls Huk 3 comprises the huge bioherm (cliff) and the section at the shore towards the southeast as far as to the edge of the topographical map sheet.

Upper Visby Beds and Högklint Beds (unit a).

References: Hede 1933, p. 15, lines 2-5 (reference to the area in general).

HALLUTE 1, CJ 6158 5760, ca. 4430 m ENE of Alskog church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure immediately NE of the main road and immediately W of the street from NNE, ca. 720 m NNW of point 8,40. For a detailed description, see Hede 1929.

Hemse Beds, upper part.

References: Hede 1929, p. 52, line 4 from below — p. 53, line 4 (contains list of fossils of the biohermal limestone of the small hill at the southern part of which Hallute 1 is located).

HALOR 1, CJ 4781 4005, ca. 4370 m SE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Excavation immediately E of the main road, ca. 720 m NW of the triangulation point at Ronehamn.

Eke Beds, upper part.

References: Martinsson 1962, p. 57.

HALOR 2, CJ 4747 4066, ca. 3690 m SE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Water hole NE of the road, ca. 1370 m NW of the triangulation point at Ronehamn and ca. 75 m NW of the edge of the wood.

Eke Beds, middle-upper part.

References: Boucot & Johnson 1967b, p. 1237 (USNM loc. 10015).

HALOR 3, CJ 4780 4023, ca. 4200 m SE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch excavation immediately E of the road, ca. 850 m NW of the triangulation point at Ronehamn.

Eke Beds, upper part.

HAMMARS 1, CJ 7242 6788, ca. 1630 m NNE of Östergarn church. Topo-

graphical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Excavation immediately SW of the northwesternmost of the three houses at St. Hamre.

Hemse Beds, unit c.

References: Martinsson 1962, p. 55.

HAMMARSHAGEHÄLLAR 1, CJ 3631 1477, ca. 3400 m SSW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Low cliff at the small point, ca. 325 m SE of point 5,60 at Suders. The locality is located ca. 20 m SE of the outlet of the ditch.

Sundre Beds, middle part.

References: Munthe 1921, p. 65, lines 1-9 from below, p. 67, lines 8-9 from below (reference to the area in general).

HAMMARUDDEN 1, CJ 7230 6913, ca. 2700 m NNE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Beach section in the southern limb of the syncline (marked on the geological map sheet), ca. 1060 m W of the triangulation point at Grogarnshuvud and ca. 980 m NNE of the northernmost house at Vassmunds.

Hemse Beds, unit c.

References: Hede 1929, p. 31, line 7 (reference to Hammarudden in general); Martinsson 1962, p. 55.

HAMRA 1, CJ 3473 1822, ca. 2130 m WNW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure 10 m SW of the road, ca. 650 m NW of point 9,90. Hamra 1 is located ca. 50 m S of the parish boundary (marked by a stone-fence).

Hamra Beds, unit c.

HAMRA 2, CJ 3748 1795, ca. 750 m ESE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure between the road and the windmill N of St. Sutarve.

Sundre Beds, lower part.

HÄRDARVE 1, CJ 4084 3703, ca. 3220 m SE of Havdhem church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Western wall of the recently abandoned quarry, ca. 590 m W of point 15,56 at Ronnings. Härdarve 1 is located at the edge of the wood, ca. 100 m NW of the end of the road.

Eke Beds, upper part.

Note: Before being abandoned and water-filled the quarry was much larger than shown on the present edition of the topographical map sheet. While the quarry was in operation it was possible to see that the Burgsvik Sandstone interfingered with the uppermost part of the Eke Beds.

HÄRDARVE 2, CJ 4092 3696, ca. 3320 m SE of Havdhem church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Southeasternmost part of quarry now abandoned, ca. 480 m W of point 15,56 at Ronnings. Härdarve 2 is located at the southeastern wall, ca. 50 m E of the end of the road.

Eke Beds and Burgsvik Beds.

Note: Before being abandoned and water-filled the quarry was much larger than shown on the present edition of the topographical map sheet.

HAUGKLINTAR 1, CJ 3113 5952, ca. 1100 m N of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Road section immediately SE of the small road and ca. 30 m NE of the cross-roads N of Haugklintar.

Mulde Beds, upper part.

HAUGKLINTAR 2, CJ 3109 5920, ca. 780 m N of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Inland cliff section E of the road and ca. 80 m ESE of the first house NNW of *H* in *H*augklintar.

Klinteberg Beds, lower part.

HAU RÄVLAR 1, CK 8293 2006, ca. 5960 m N of Bunge church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Water hole ca. 50 m W of the shore and immediately N of the end of the road N of the Hau Rävlar light-house.

Slite Beds, unit g, lower part.

HELGUMANNEN 1, CK 8971 2819, ca. 7050 m N of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low cliff section immediately NE of the road and ca. 75 m SE of the E house at Helgumannen.

Högklint Beds, lower-middle part.

References: Hede 1936, p. 14, lines 13-14.

HEMMUNGS 1, CJ 3440 3985, ca. 1940 m SSW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the road, ca. 100 m NE of the southernmost house at Medebys.

Hemse Beds, Hemse Marl, northwestern part.

References: Martinsson 1962, p. 54.

HERRGÅRDSKLINT 1, CJ 6469 6433, ca. 3440 m WSW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section, ca. 2130 m N of point 27,2 (on the road between Skogby and Ala). Herrgårdsklint 1 is located in the northern part of the east-facing cliff just to the east of the ancient monument. For a detailed description, see Hede 1929.

Reference point: The conspicuous cavity in the northern part of the cliff.

Hemse Beds, upper part.

References: Hede 1929, p. 49, lines 29-33.

HERRVIDE 1, CJ 4308 4078, ca. 2075 m NE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Excavation immediately NW of the road, ca. 600 m NE of point 21,33 at Smiss. The locality is located at the corner of the parish boundary (ditch).

Eke Beds, lower-middle part.

References: Martinsson 1962, p. 58.

HERRVIK 1, CJ 7460 6635, ca. 3150 m E of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Low cliff section, ca. 150 m E of the windmill SW of the harbour at Herrvik. Herrvik 1 is located ca. 15 m from the house and just above the concrete steps.

Hemse Beds, unit d.

HIDE 1, CK 7408 0129, ca. 4620 m S of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section facing Hideviken and ca. 650 m SSE of the house immediately N of *d* in Hide. For a detailed description, see Hede 1933.

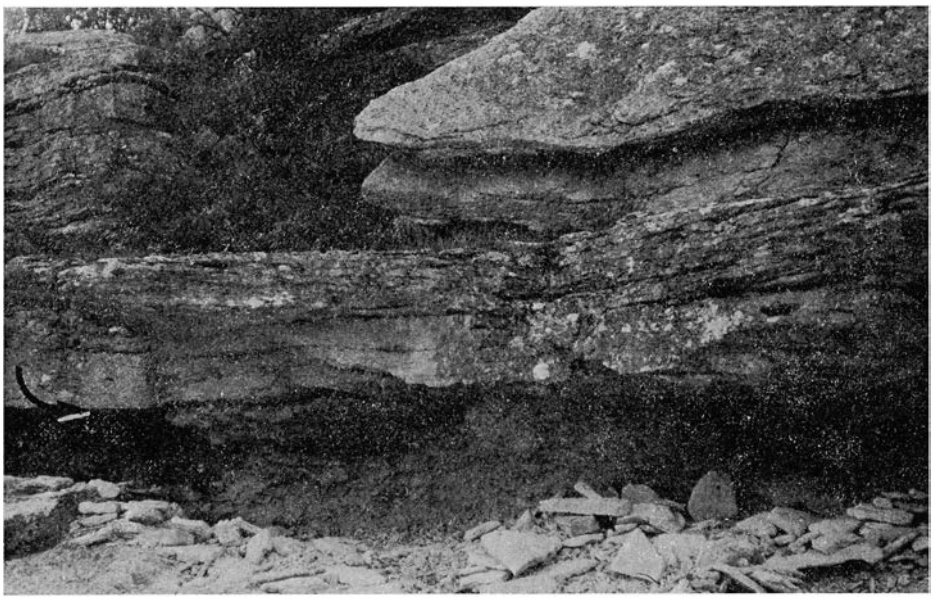

Fig. 7. Hide Fiskeläge 1. Photograph of the reference point, with an arrow showing the reference level.

Reference level: The boundary between the Slite Marl and unit g (between Hede's second, 1.75 m, and third, 2.5 m, local units).

Slite Beds, Slite Marl and unit g.

References: Hede 1933, p. 53 (contains lists of fossils from the measured section); Martinsson 1962, pp. 50-51.

HIDE FISKELÄGE 1, CK 7345 0092, ca. 5340 m NE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section at the western shore of Hideviken, ca. 70 m NE of the southernmost house at the west coast of Hideviken. The locality is located on the eastern tip of the point and is marked by painting.

Reference point: The easternmost part of the cliff on the shore. There is a giant *Halysites* colony close to this point. (Do not spoil it). Fig. 7.

Reference level: The base of the first limestone bed above the caved Slite Marl part of the section. The reference level is marked on the cliff.

Slite Beds, Slite Marl and unit g.

References: Hede 1933, p. 44, line 1 from below (reference to the area in general).

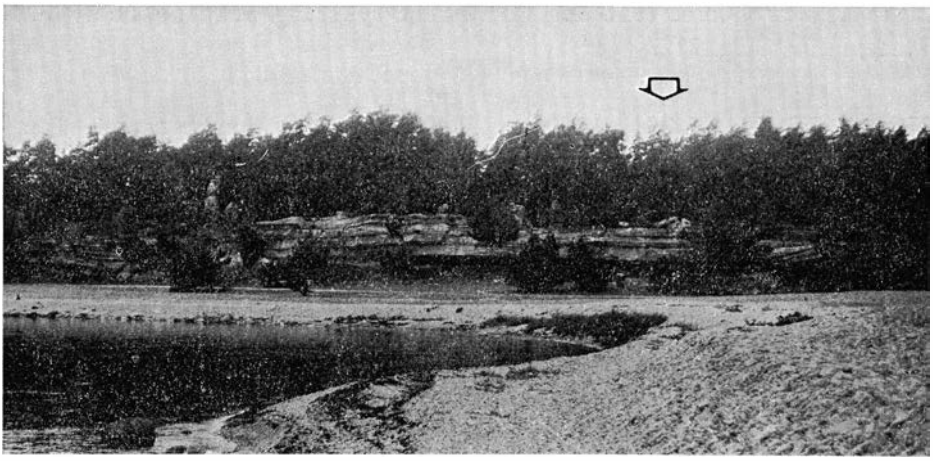

Fig. 8. Hide Fiskeläge 2. The arrow is pointing at the reference level.

HIDE FISKELÄGE 2, CK 7320 0058, ca. 4970 m NE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Cliff section immediately W of the field-road (marked as a path on the topographical map sheet), ca. 350 m SSW of the southernmost house on the west coast of Hideviken. The locality is located in the northern part of the cliff just west of the northernmost part of the bight.

Reference point: The nature reserve sign. Fig. 8.

Reference level: The base (marked) of the overhanging limestone unit above the ca. 0.5 m thick, more marly unit at the base of the section.

Slite Beds, unit g, lower part.

References: Hede 1928, p. 38, lines 6-14.

HOBURGEN 1, CJ 2508 1246, ca. 3820 m WSW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Exposures in the sea and on the beach outside the beach rubble, ca. 110 m W of point 22,23 at Hoburgen. Hoburgen 1 comprises the beach exposures from the fence of the restricted area to the northeastern end of the hillock (2. Burgen) ca. 200 m towards the northeast. A part of the locality is seen in the lower part (at S) of Fig. 20, Munthe 1910 (= Fig. 35, Munthe 1921) and in the lower part of Fig. 212, Manten 1971 (the hillock shown in Manten's figure is not Storburg).

Reference point: The fence.

Burgsvik Beds, upper part.

References: Munthe 1910, Fig. 20; Munthe 1921, Fig. 35, p. 55, lines 18-21; Manten 1971, Fig. 212.

HOBURGEN 2, CJ 2517 1252, ca. 3740 m WSW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Lower part of the cliff section ca. 100 m NNW of point 22,23 at Hoburgen. Hoburgen 2 comprises the northwest-facing cliff NW of the path and the talus material and SE of the beach rubble. The major part of the locality is seen at and below the vegetation in the right part (at X) of Fig. 20, Munthe 1910 (= Fig. 35, Munthe 1921). The entire locality is seen inside the beach rubble and below the steep main cliff (at the base of which the path runs) in Fig. 212, Manten 1971 (the hillock shown in Manten's figure is not Storburg).

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Munthe 1910, Fig. 20, p. 1424, lines 3-6 from below; Munthe 1921, Fig. 35, p. 55, lines 18-21; Jux 1957, Fig. 2 (drawing of the cliff, Hoburgen 2 is located at the extreme right); Martinsson 1962, p. 58 (Martinsson's locality Hoburgen, not set down on his map); Böger 1968, pp. 130-131; Manten 1971, Fig. 212 *(pars).*

HOBURGEN 3, CJ 2520 1252, ca. 3675 m WSW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Upper part of the cliff section facing northwest, ca. 90 m NNE of point 22,23 at Hoburgen. Hoburgen 3 comprises the more or less vertical cliff SE of the path and above the talus. Hoburgen 3 is restricted towards the northeast by the pillbox on the beach. A part of the locality is shown to the left of and above the vegetation in Fig. 20, Munthe 1910 (= Fig. 35, Munthe 1921). A major part of Hoburgen 3 is seen above the talus material in Fig. 212, Manten 1971 (the hillock shown in Manten's figure is not Storburg).

Hamra Beds, units b and c (and up in the steep cliff also Sundre Beds).

References: Munthe 1910, Fig. 20; Munthe 1921, Fig. 35, lines 15-17; Jux 1957, Fig. 2 (drawing of the cliff, Hoburgen 3 is located above the talus material in the right part of the figure); Martinsson 1962, p. 59 (Martinsson's locality Hoburgen IIb); Manten 1971, Fig. 212 *(pars).*

HOBURGEN 4, CJ 2520 1247, ca. 3710 m WSW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

The uppermost, southwest-facing cliff section ca. 35 m NNE of point 22,23

at Hoburgen. With the exception of the easternmost part, Hoburgen 4 is seen in its entirety in Fig. 22, Munthe 1910 (= Fig. 40, Munthe 1921).

Reference level: The Hamra-Sundre boundary (marked in black in Munthe's figure).

Hamra Beds and Sundre Beds.

References: Munthe 1910, Fig. 22; Munthe 1921, Fig. 40; Rutten 1958, Figs. 11-12; Martinsson 1962, p. 59 (Martinsson's locality Hoburgen IIa).

HÖGKLINT 1, CJ 3284 8785, ca. 3540 m NW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

The top of the Högklint cliff.

Reference point: The triangulation point.

Högklint Beds, upper part.

References: Hede 1940, Fig. 6 *pars,* p. 20, line 8 (reference to the area in general); Hede 1960, Loc. 12 *pars* (reference to the area in general).

HÖGKLINT 2, CJ 3292 8787, ca. 3480 m NW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

The Högklint cliff section east of the triangulation point.

Reference level: The boundary between the Upper Visby and Högklint Beds (see Fig. 7, Hede 1940).

Upper Visby Beds and Högklint Beds.

References: Murchison 1847, Pl. 1, fig. 9; Hede 1940, Figs. 6-7, p. 20, line 8 (photographs of the section and reference to the area in general); Hede 1960, Loc. 12, p. 61; Mori 1968, p. 22, Loc. 10b.

HOLMHÄLLAR 1, CJ 3508 1310, ca. 5670 m SE of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

The sea stack area figured by Manten 1971, his Enclosure 2.

Reference point: The coordinates given above refer to Manten's observation point No. 228 at the very characteristic sea stack SSE of the letter W in his map. It is recommended that Manten's numbered observation points in his detailed map are used as reference points in all serious studies at Holmhällar 1 (e.g. Holmhällar 1:228). Reference point 228 is located at the characteristic sea stack resembling an anvil with a hole through its central part. This sea stack is easily seen from the field road and is figured in a coloured post-card to be obtained at the boarding-house at Holmhällar. Fig. 9.

Sundre Beds, middle-upper part.

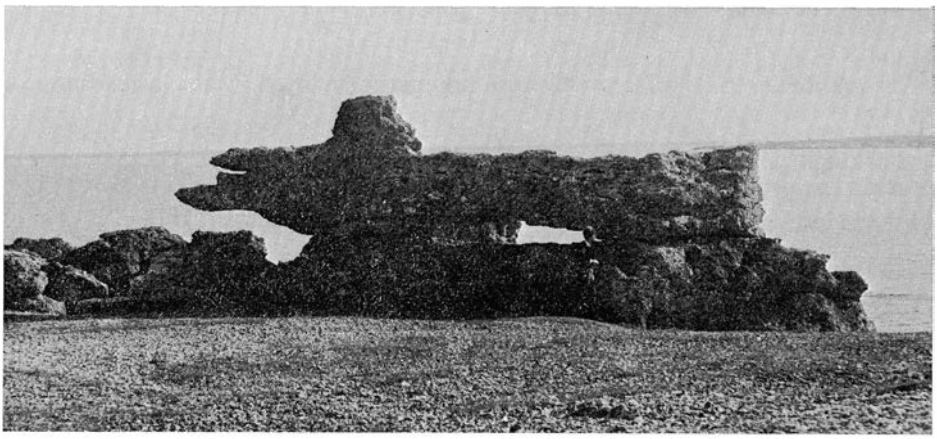

Fig. 9. Holmhällar 1:228. The reference point (Manten's observation point No. 228) is located just to the right of the girl.

References: Lindström 1890, p. 30, last line, p. 33, line 8, p. 38; Hennig 1906, p. 44, line 11 from below; Munthe 1921, Figs. 73-75, p. 67, line 5 from below; Jux 1957, Pl. 3; Rutten 1958, Figs. 16-18; Mori 1970, p. 30, Loc. 154; Manten 1971, pp. 181-189, 191-205, Figs. 79-83, 86, 88, 90-91, Encl. 2.

HÖRSNE 1, CJ 5631 8222, ca. 85 m S of Hörsne church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Northern wall of the drainage ditch section immediately W of the bridge S of Hörsne church. Hörsne 1 comprises the distance 0-40 m W of the bridge. For a detailed description, see Hede 1928.

Reference point: Western edge of the bridge.

Reference level: The boundary between the biohermal and bedded limestones.

Halla Beds, unit b.

References: Hede 1928, p. 49, lines 11-16; Martinsson 1962, p. 52.

HÖRSNE 2, CJ 5632 8220, ca. 100 m S of Hörsne church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Southern wall of the drainage ditch section immediately W of the bridge S of Hörsne church. Hörsne 2 comprises the distance 0-70 m W of the bridge. For a detailed description, see Hede 1928.

Reference point: Western edge of the bridge.

Halla Beds, unit b.

References: Hede 1928, p. 50, line 10 from below — p. 51, line 34 (contains lists of fossils of the bedded and biohermal limestones).

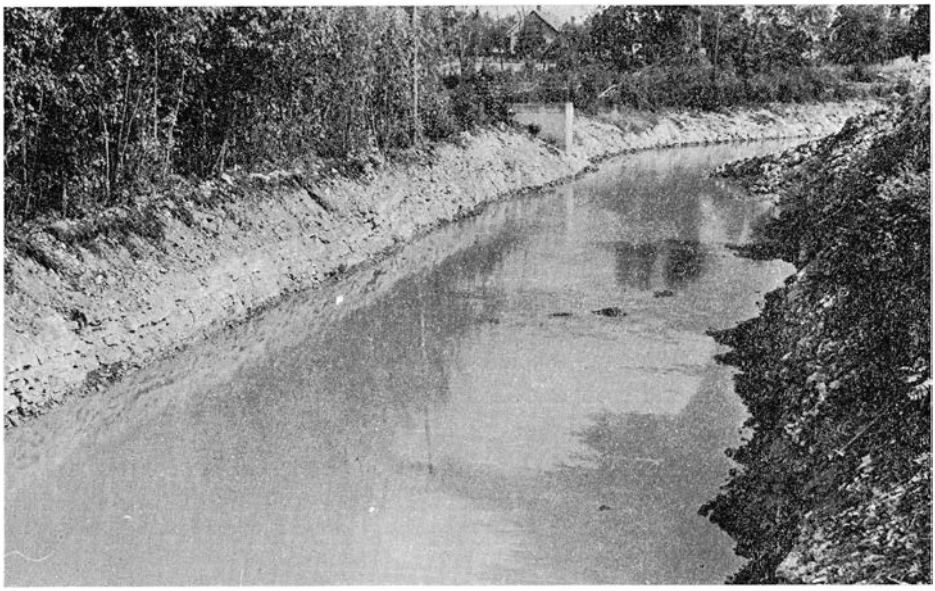

Fig. 10. Hörsne 3 and 4. Hörsne 3 is the section to the left of the drainage ditch and Hörsne 4 is the section to the right of the ditch. The photograph was shot from the bridge.

HÖRSNE 3, CJ 5643 8230, ca. 120 m E of Hörsne church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Northern wall of the drainage ditch section at the bend of the ditch E of the bridge S of Hörsne church. Hörsne 3 comprises the distance from immediately NE of the bridge to ca. 25 m SE of the bend of the ditch. For a detailed description, see Hede 1928.

Reference point: The concrete construction just W of the bend of the ditch. Fig. 10.

Reference level: The boundary between the bedded and biohermal limestones. *Halla Beds,* unit b.

References: Hede 1928, p. 50, lines 25-36.

HÖRSNE 4, CJ 5637 8222, ca. 120 m SE of Hörsne church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Southern wall of the drainage ditch section immediately E of the bridge S of Hörsne church. Hörsne 4 comprises the section from the bridge and through the bend of the ditch to ca. 25 m southeast of the bend. For a detailed description, see Hede 1928.

Reference point: Eastern edge of the bridge. Fig. 10.

Reference level: The boundary between the bedded and biohermal limestones.

Halla Beds, unit b.

References: Hede 1928, p. 51, lines 5-9 from below.

HÖRSNE 5, CJ 5627 8219, ca. 110 m SW of Hörsne church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Northern wall of the drainage ditch section W of the bridge S of Hörsne church. Hörsne 5 comprises the distance 75-130 m W of the bridge. For a detailed description, see Hede 1928.

Reference point: Western edge of the bridge.

Halla Beds, unit b.

References: Hede 1928, p. 49, line 16 — p. 50, line 24 (contains lists of fossils of the bedded and biohermal limestones); Mori 1970, p. 13, Loc. 62.

HULTE 1, CJ 4328 4525, ca. 2250 m SE of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately N of the road, ca. 1000 m ESE of point 22,26 at Hulte.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 56 (misprinted point of the compass); Eisenack 1964a, p. 310, Loc. 27; Martinsson 1967, p. 370, line 4 from below.

HULTE 2, CJ 4288 4542, ca. 1830 m SE of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Temporary excavation immediately N of the road, ca. 570 m ESE of point 22,26 at Hulte.

Hemse Beds, Hemse Marl, southeastern part.

HUMMELBOSHOLM 1, CJ 5202 4218, ca. 6700 m ESE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure 15 m NE of crossings between the path and (the end of) the road, ca. 790 m WSW of the triangulation point at Hummelbosholm. The locality is located at the fence.

Eke Beds, lower part.

HUNNINGE 1, CJ 3523 6323, ca. 1575 m E of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry ca. 720 m SE of the transformer station SE of Klintebys. Immediately NE of the transformer station there is a field road (not marked on the topographical map sheet) which runs into the quarry. For a detailed description, see Hede 1927a.

Klinteberg Beds, lower-middle part.

References: Hede 1927a, p. 42, lines 1-28 (contains list of fossils); Martinsson 1962, p. 53; Eisenack 1963a, p. 134, Pl. 3, fig. 17; Eisenack 1964a, p. 310, Loc. 28; Manten 1971, p. 345, Fig. 175.

HUSRYGGEN 1, CJ 2666 1475, ca. 2080 m WNW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Quarry 10 m W of the road, ca. 420 m NNE of the northernmost house at Hallbjäns. The locality is located ca. 35 m NE of the wood. The quarry is one of the few still in operation.

Reference point: The eastern wall of the quarry.

Reference level: Top of the thick, uniform and massive sandstone sequence quarried.

Burgsvik Beds, upper part.

References: Boucot & Johnson 1967b, p. 1238 (USNM Loc. 10004).

IREVIKEN 1, CK 5588 1409, ca. 6970 m W of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section, ca. 710 m NW of the northwesternmost house at Irevik. There are four protruding cliffs consisting of huge bioherms southwest of the Ire Bay. The third of these bioherms (when walking along the beach towards the northwest from the village of Irevik) is called Gaituklint. Ireviken 4 comprises this cliff and the section towards southeast as far as to the next bioherm (Millingsklint). For photographs of the locality, see Hede 1933.

Reference level: The bentonite bed about 1.5 m above base of the section at the southeasternmost part of the bioherm (Gaituklint). The reference level is concealed under a thin layer of scree. It is located at the upper edge of the moist zone and is easily uncovered. Fig. 11 A.

Lower Visby Beds, Upper Visby Beds and Högklint Beds, unit a.

References: Hede 1933, Figs. 5-6 (photographs of the locality), p. 12, lines 4-28 (contains a list of fossils from the Lower Visby Beds at 1-2 m a.s.l.), p. 15, lines 2-30 from below (contains a list of fossils from the Upper Visby Beds at 11.5-13.5 m a.s.l.), p. 25, lines 1-14 from below (contains a list of fossils from the brownish argillaceous, "lagoonal" limestone of Högklint age, unit a, in the uppermost part of the section WNW of Millingsklint); Hede 1942, Loc. 1; Hede 1960, Loc. 13, pp. 61-62; Martinsson 1962, p. 47 (Martinsson's locality Irevik); Mori 1968, p. 22, Loc. 3 a, p. 25, Loc. 19.

Note: The boundary between the Upper Visby Beds and the Högklint Beds is located 13,5 m a.s.l.

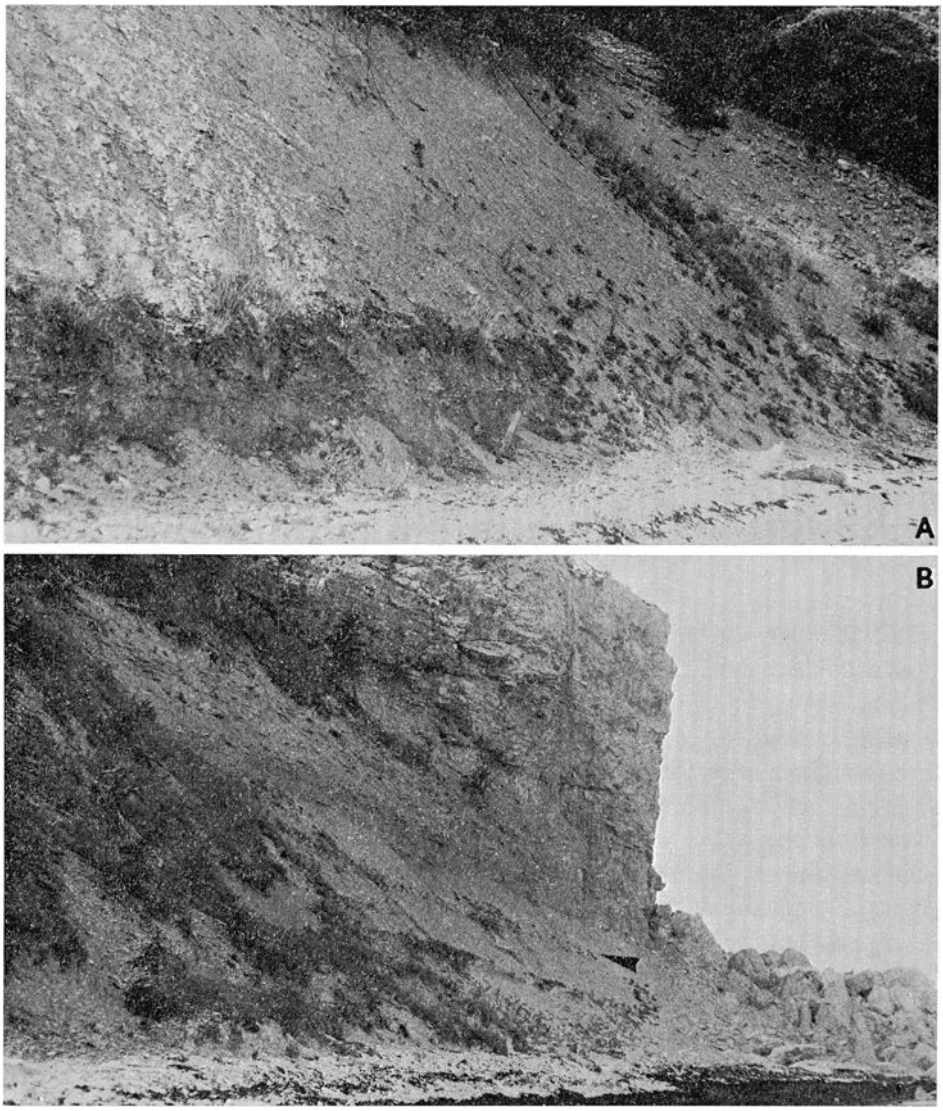

Fig. 11. A. Ireviken 1. Photograph of the reference point. The reference level is located at the upper edge of the moist zone in the lower part of the photograph. B. Ireviken 3. Photograph of the reference point with an arrow pointing at the reference level.

IREVIKEN 2, CK 5608 1396, ca. 6770 m W of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section, ca. 500 m NW of the northwesternmost house at Irevik. There are four protruding cliffs consisting of huge bioherms southwest of the Ire Bay.

The second of these bioherms (when walking along the beach towards the northwest from the village of Irevik) is called Millingsklint. Ireviken 2 comprises this cliff and the section towards southeast as far as to the first bioherm (Tretrivsklint).

Reference level: The thick bentonite bed about 12 m a.s.l. in the section about 35 m SE of Millingsklint. The reference level is located slightly below the uppermost parts of the talus material.

Lower Visby Beds, Upper Visby Beds and Högklint Beds, unit a.

References: Hede 1933, p. 12, lines 13-18 from below, p. 17, lines 14-31 (contains list of fossils from the crinoid limestone of Högklint age, unit a, immediately SE of Millingsklint); Martinsson 1962, p. 48 (Martinsson's Irevik II).

IREVIKEN 3, CK 5555 1424, ca. 7320 m W of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section, ca. 1060 m NW of the northwesternmost house at Irevik. There are four protruding cliffs consisting of huge bioherms southwest of the Ire Bay. The fourth of these bioherms (when walking along the beach towards northwest from the village of Irevik) is called Snipklint or Snipan. Ireviken 3 comprises this cliff and the section towards southeast as far as to the next bioherm (Gaituklint) and from Snipklint 150 m towards the west.

Reference point: The agglomeration of huge boulders on the beach just W of Snipklint. Fig. 11 B.

Reference level: The lowermost of the three major bentonite beds in the section just W of Snipklint. The reference level is located about 3.5 m a.s.l. but dips due to the bending down of strata below the bioherm.

Lower Visby Beds, Upper Visby Beds and Högklint Beds, unit a.

References: Wedekind 1927, p. 44, line 3; Hede 1933, p. 44, line 3.

Note: In a major rock-fall in 1966 the most easily accessible part of the section was buried.

IREVIKEN 4, CK 5639 1370, ca. 6435 m W of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Cliff section, ca. 150 m N of the northwesternmost house at Irevik. There are four protruding cliffs consisting of huge bioherms southwest of the Ire Bay. The first of these bioherms (when walking along the beach towards the northwest from the village Irevik) is called Tretrivsklint. Ireviken 4 comprises this cliff and the section towards the southeast.

Reference level: The lowermost of the three major bentonite beds in the section inside the bight SE of Tretrivsklint. The bentonite beds are easily traced, because their upper surfaces are aquifers and the percolating water is giving

rise to a border of herbaceous plants. The reference level is located about 4 m a.s.l.

Lower Visby Beds, Upper Visby Beds and Högklint Beds, unit a.

JAKOBS 1, CJ 3257 3445, ca. 2110 m NW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section immediately N of the road, ca. 1750 m E of the house at Grundården. Jakobs 1 is located ca. 50 m E of the cross-roads.

Hemse Beds, Hemse Marl, uppermost part.

JAKOBSBERG 1, CJ 4278 8623, ca. 1170 m NW of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Inland cliff section, ca. 220 m NE of point 68,2 at the cross-roads. Jakobsberg 1 is located ca. 80 m ENE of the nearest house and at the notch in the ESE-facing cliff. There is a path (not marked on the topographical map sheet) crossing the locality.

Slite Beds, unit g.

References: Hede 1940, p. 56, lines 8-14 (reference to the area in general).

JUVES 1, CJ 2720 1250, ca. 2020 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Inland cliff section immediately NW of the road, ca. 310 m WSW of the cross-roads at Digrans. Juves 1 is located NE of the sheep house immediately west of the road.

Reference level: The boundary between the 0.7 m thick, basal unit of thin-bedded marly limestone and the overlying, thick-bedded limestone unit.

Hamra Beds, unit c (and up in the steep cliff also Sundre Beds).

Note: Compare with the other Juves localities.

JUVES 2, CJ 2717 1243, ca. 2090 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Inland cliff section 15 m NW of the road, ca. 360 m SW of the cross-roads at Digrans. Juves 2 is located where the cliff comes close to the road and where the cliff overhangs and is caved at the base. Fig. 12 A.

Reference point: The section is marked with red dots at four levels.

Reference level: The boundary between the thick limestone bed and the thin-bedded, 0.3 m thick basal part of the section.

Hamra Beds, unit c (and up in the steep cliff also Sundre Beds).

Note: Compare with the other Juves localities.

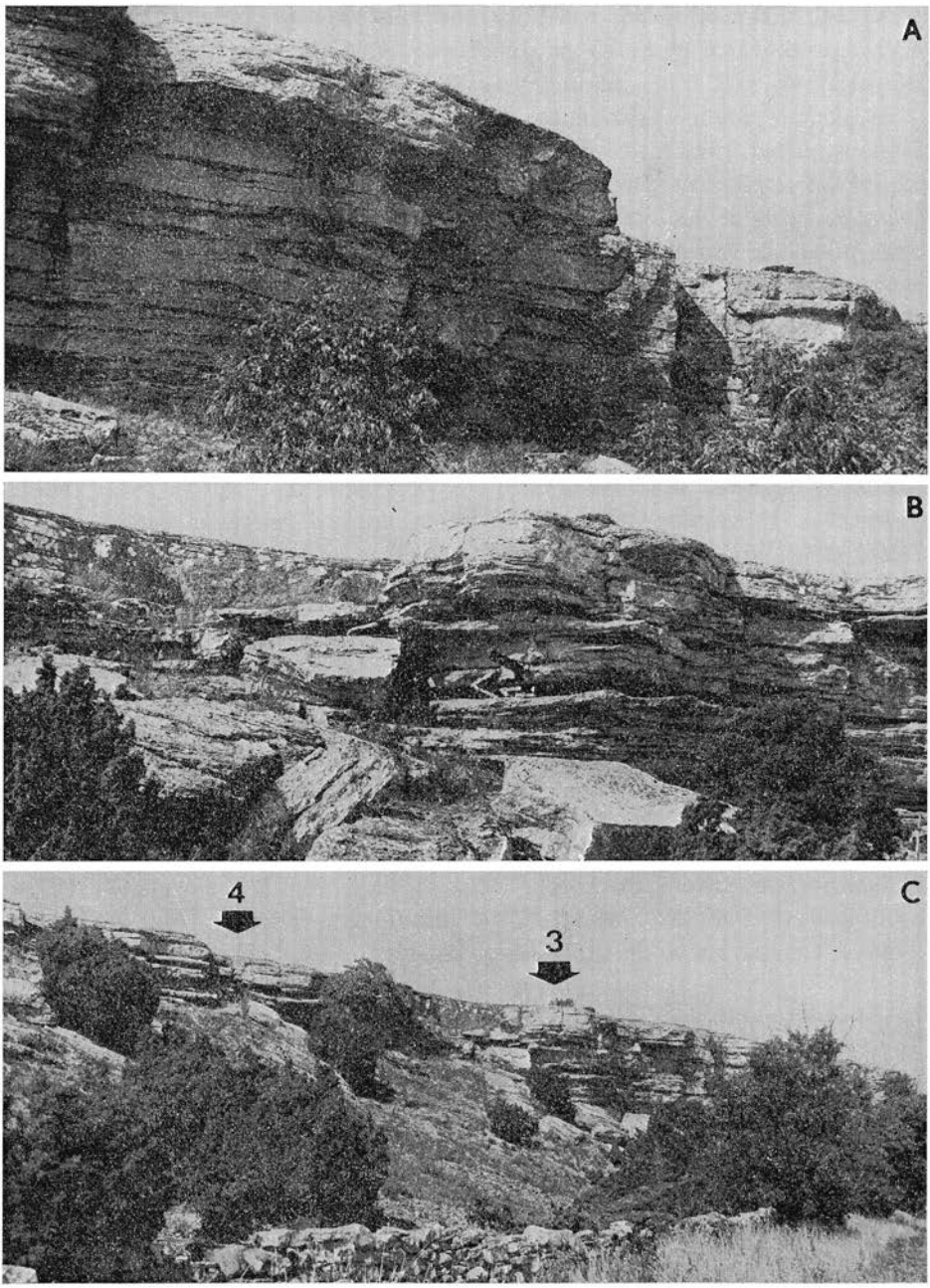

Fig. 12. A. Juves 2. B. Juves 3. Photograph of the reference point with an arrow pointing at the reference level (the Hamra-Sundre boundary). C. Juves 3 and Juves 4.

JUVES 3, CJ 2708 1235, ca. 2220 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Inland cliff section NW of the road, ca. 490 m SW of the cross-roads at Digrans. Juves 3 is located NE of the solitary deciduous tree at the cliff and where the uppermost part of the cliff protrudes. There is a huge boulder of limestone lying at the locality and red dots on some of the beds. For a detailed description, see Munthe 1921.

Reference point: Northeastern edge of the huge limestone boulder. Fig. 12 B.

Reference level: The Hamra-Sundre boundary. The topmost part of the Hamra Beds is developed as a fine-grained, thin- to medium-bedded slightly argillaceous limestone (0.24 m in thickness). This unit weathers easily and is seen as a conspicuous cavity in the section. The base of the Sundre Beds is marked in the section.

Hamra Beds and Sundre Beds.

References: Munthe 1921, p. 49, from line 19 (contains list of fossils); Martinsson 1962, p. 59; Jeppsson 1972, p. 60.

Note: Compare with the other Juves localities.

JUVES 4, CJ 2704 1234, ca. 2260 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Inland cliff section NW of the road, ca. 530 m SW of the cross-roads at Digrans. Juves 4 is located ca. 10 m SW of the solitary deciduous tree in the section and where the cliff makes an inward bend. Fig. 12 C.

Reference level: The Hamra-Sundre boundary at Juves 3.

Sundre Beds, lower part.

References: Fåhraeus 1967, p. 219, lines 11-13, Fåhraeus 1969, p. 18.

Note: Compare with the other Juves localities.

KALBJERGATRÄSK 1, CK 9226 2781, ca. 7320 m NNE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Ditch section immediately NE of the road, ca. 1465 m NNW of the house at Kalbjerga.

Högklint Beds, middle part.

KÄLLDAR 1, CJ 0000 0000, ca. 1175 m W of Linde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Dumped rock material at the well (CJ 4009 5169), ca. 50 m NW of the northernmost farm house at Kälder. The rocks have been excavated from the Linde Kanal some kilometres to the S or SSE of the dump.

Hemse Beds, Hemse Marl, northwestern part.

KÄLLSTÄDE 1, CJ 5820 5207, ca. 3620 m NNE of När church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Inland cliff section immediately NW of the road, ca. 820 m SSW of the triangulation point at Lausbackar. The locality is located at the well.

Eke Beds, lower part.

References: Munthe 1902, p. 41, lines 7-19; Hede 1925, p. 45, lines 3-10 from below.

KAMBS 1, CK 4719 0256, ca. 3925 m WSW of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Drainage ditch section at the northern side of the ditch, ca. 140 m W of the bridge.

Tofta Beds.

References: Hede 1940, p. 35, lines 3-5 from below.

KAMBS 2, CK 4740 0253, ca. 3780 m WSW of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Drainage ditch section at the northern side of the ditch and immediately W of the bridge.

Tofta Beds.

References: Hede 1940, p. 35, lines 3-5 from below.

KAMBS 3, CK 4729 0255, ca. 3710 m WSW of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Drainage ditch section at the southern side of the ditch, ca. 75 m E of the bridge.

Tofta Beds.

References: Hede 1940, p. 35, lines 3-5 from below.

KAMBS 4, CK 4859 0234, ca. 2650 m SW of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Drainage ditch section at the sharp bend of the ditch, ca. 1300 m E of the bridge.

Tofta Beds.

References: Hede 1940, p. 35, lines 3-5 from below.

KAPPELSHAMN 1, CK 6837 1512, ca. 5880 m WSW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Abandoned quarry immediately W of the road (marked as a path on the map), ca. 1075 m NNW of the tip of the pier at Kappelshamn. For a detailed description, see Hede 1933.

Reference point: The easternmost part of the quarry immediately W of the field road (path), ca. 30 m S of the edge of the wood.

Högklint Beds, unit b (Hede's local bed c).

References: Hede 1933, p. 19, line 5 from below — p. 20, line 23 (contains lists of fossils for both the bedded and biohermal limestones).

KAPPELSHAMN 2, CK 6844 1514, ca. 5810 m WSW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Shore exposure, ca. 1095 m NNW of the tip of the pier at Kappelshamn. Kappelshamn 2 is located in the bight just N of the prolongation of the edge of the wood.

Högklint Beds, unit b, lower part (Hede's local bed a).

References: Hede 1933, p. 20, lines 23-32 (contains list of fossils).

KÄRINGEN 1, CJ 3776 9078, ca. 1800 m SW of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Northern wall of the abandoned quarry immediately S of the Käringen windmill, ca. 400 m S of point 26,89. For a detailed description, see Hede 1960.

Reference level: The Tofta - Slite boundary (Fig. 19, Hede 1940).

Tofta Beds and Slite Beds, unit a.

References: Hede 1940, Fig. 18 (photograph of the locality), Fig. 19, p. 34, lines 5-6, p. 39, lines 7-9 from below; Hede 1960, Loc. 11, p. 60 (contains list of fossils).

KÄRNE 1, CJ 5261 4558, ca. 3550 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Excavation for well immediately S of the main road and immediately E of the field road, ca. 100 m NNW of the westernmost windmill at Kärne.

Burgsvik Beds, upper part.

References: Hede 1925, p. 32, line 15.

KATRINELUND 1, CJ 4208 9242, ca. 5575 m WNW of Hejdeby church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry, ca. 380 m ESE of the house at Hammarbo. For a detailed description, see Hede 1960.

Reference point: Northern wall of the quarry.

Slite Beds, Katrinelund Limestone, type locality.

References: Hede 1960, Loc. 9, p. 59 (contains list of fossils); Taugourdeau & Jekhowsky 1964, I.F.P. No. 4955; Mori 1968, p. 31, Loc. 51.

Note: The Geological Survey has made a core drilling immediately east of the quarry.

KÄTTELVIKEN 1, CJ 2724 1544, ca. 1980 m NW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Section in the upper part of the cliff immediately W of the road, ca. 450 m south of the house at Klasens. Kättelviken 1 is located ca. 30 m S of the cattle-grid. Fig. 13.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Fåhraeus 1969, p. 15.

KÄTTELVIKEN 2, CJ 2723 1546, ca. 1990 m NW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Cliff section on the beach 10 m SW of the cattle-grid, ca. 430 m S of the house at Klasens. Walk 50 m in northward direction from the cattle-grid and go down to the beach and walk 60 m southwards along the beach. Fig. 13.

Reference level: The top of the more than metre-thick basal sandstone bed.

Burgsvik Beds.

KÄTTELVIKEN 3, CJ 2725 1550, ca. 2030 m NW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Section in the upper part of the cliff 8 m W of the road, ca. 380 m S of the house at Klasens. Kättelviken 3 is located in the caved part of the slope with thickets 50 m north of the cattle-grid. Fig. 13.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

KÄTTELVIKEN 4, CJ 2733 1543, ca. 1920 m NW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Cliff section 60 m E of the road, ca. 460 m SSE of the house at Klasens. Kättelviken 4 is located in the upper part of the hillside 60 m E of the cattle-grid and close to the shooting-range. Fig. 13.

Hamra Beds, units b and c.

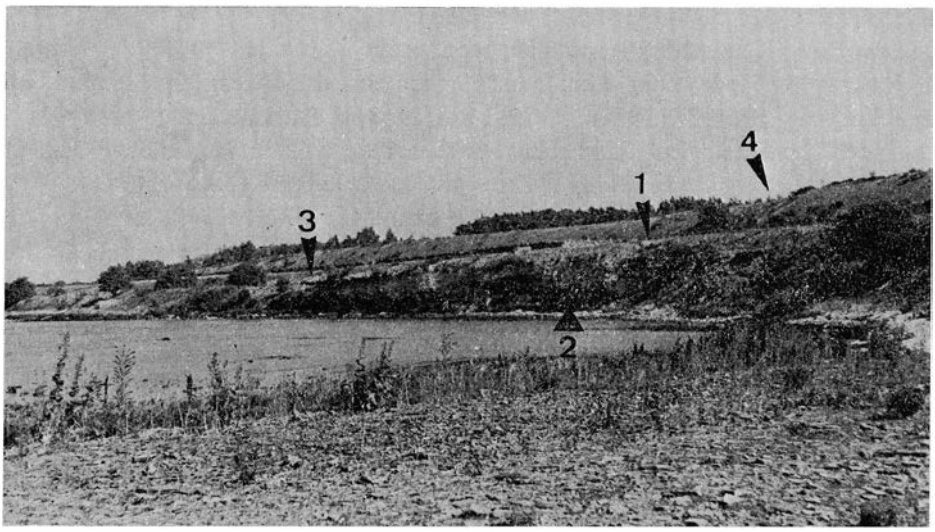

Fig. 13. Kättelviken 1—4.

KATTHAMMARSVIK 1, CJ 7120 6815, ca. 1630 m NNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Shore exposure immediately SE of the southernmost part of the pier at Katthammarsvik. For a detailed description, see Hede 1960.

Hemse Beds, unit a.

References: Hede 1960, Loc. 37, p. 77 (contains list of fossils); Fåhraeus 1969, p. 13; Mori 1970, pp. 20-21, Loc. 102.

KATTHAMMARSVIK 2, CJ 7113 6817, ca. 1630 m NNW of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Shore exposure, ca. 25 m SW of the southernmost part of the pier at Katthammarsvik.

Hemse Beds, unit a.

KAUPARVE 1, CJ 4262 3343, ca. 3820 m SE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Water hole, ca. 30 m S of the sharp bend of the road SW of Kauparve. The locality is located SW of the fence towards the SE.

Hamra Beds, lower-middle part.

KAUPUNGS 1, CJ 6195 6155, ca. 720 m SE of Ardre church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section immediately S of the road, ca. 70 m SE of the cross-roads and ca. 75 m ENE of point 36,8.

Hemse Beds, units c and d.

References: Hede 1929, p. 34, lines 8-11 from below; Martinsson 1962, p. 56.

KAUPUNGS 2, CJ 6124 6117, ca. 1080 m SSW of Ardre church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section immediately E of the road ca. 150 m SSW of the cross-roads at Kaupungs.

Hemse Beds, units c and d.

References: Hede 1929, p. 34, lines 8-11 from below.

KLEHAMMARSÅRD 1, CJ 3155 1197, ca. 3610 m SE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure, ca. 400 m NE of the southernmost tip of Klehammarsård.

Sundre Beds, lowermost part.

KLINTEBERGET 1, CJ 3391 6340, ca. 410 m NNE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Inland cliff section facing northwest in the northernmost part of Klinteberget, ca. 30 m N of the triangulation point (52,04) at Klinteberget. Klinteberget 1 comprises the entire section from the place where the path runs down from the plateau, ca. 80 m SSW of the triangulation point and northeastwards to the northernmost part of the hill and towards the southeast as far as to the place where the path runs down from the plateau, ca. 55 m ESE of the triangulation point.

Reference point: The triangulation point.

Reference level: The 52-metre level (measurements should be referred to the triangulation point).

Klintebergs Beds, lower and middle part.

References: Hede 1927a, p. 40, lines 2-22 (contains lists of fossils from a a measured section); Hede 1960, Loc. 34, pp. 75-76 (contains lists of fossils); Martinsson 1962, p. 53 (Martinsson's locality Klinte); Manten 1971, Figs. 39, 167-173, pp. 342-344 (contains photographs and schematic drawings of different parts of the locality).

KLINTEBYS 1, CJ 3464 6414, ca. 4825 m SSE of Sanda church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Surface exposure ca. 150 m NW of the northeasternmost house (the manor

house) at Klintebys and ca. 50 m NNW of the northern corner of the large stable (marked with a rectangular sign on the topographical map sheet). For a detailed description, see Hede 1927a (with a photograph of the locality) and 1960.

Slite Beds, Slite Siltstone, top, *and Halla Beds.*

References: Rothpletz 1913, Loc. 62; Munthe 1915 (contains a detailed description of the locality and a photograph of the ripple-marks); Hede 1927a, Fig. 16, p. 32, lines 6-16 from below, p. 33, lines 15-24; Hadding 1959, Fig. 20; Hede 1960, Loc. 32, pp. 74-75 (Locality Klintebys).

KLINTEBYS 2, CJ 3470 6395, ca. 5025 m SSE of Sanda church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Pond SW of the small road, ca. 150 m SSW of the northeasternmost house (the manor house) at Klintebys. Temporary excavation.

Mulde Beds.

References: Hede 1942, Loc. 5 b; Martinsson 1962, p. 53 (Locality Klintebys).

KLINTEENKLAVEN 1, CJ 3017 6095, ca. 2630 m NNW of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Shore exposure at the northern side of the point, ca. 70 m WNW of the house.

Slite Beds, Slite Siltstone.

References: Hede 1942, Loc. 2 a.

KLINTSKLINT 1, CJ 6952 6459, ca. 1400 m E of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Northeastern part of inland cliff section ca. 380 m NNW of the northernmost house at Klinte and ca. 150 m SE of the house just N of the road. Klintsklint 1 is located ca. 50 m SE of the northernmost point of the cliff. There is a fence along the road. At the gate one of the stone pillars is marked with an orange dot. At the caved part of the cliff a reference level is marked in the section.

Hemse Beds, unit d.

References: Hede 1929, p. 40, line 9 (reference to the area in general).

KLOCKAREMYR 1, CK 5950 1129, ca. 3900 m SW of Hangvar church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 171 Kappelshamn.

Surface exposure, ca. 50 m N of the road and ca. 370 m W of point 28,64.

Tofta Beds.

KLUVSTAJN 1, CJ 3238 8403, ca. 3230 m WSW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Shallow excavation immediately SE of the bend of the road, ca. 940 m WSW of the windmill at Suderbys.

Slite Beds, unit b.

References: Hede 1940, p. 44, lines 5-7 from below.

KNEIPPBYN 1, CJ 3595 8885, ca. 3325 m N of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch excavation immediately SE of the main road, ca. 390 m NW of point 41,2 east of Kneippbyn and ca. 50 m NNE of the place where the road from SE runs into the main road.

Högklint Beds, unit c, upper part.

References: Hede 1940, p. 25, line 18 (reference to the area in general).

KNEIPPBYN 2, CJ 3594 8881, ca. 3270 m N of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry immediately S of the small road, ca. 370 m NW of point 41,2 east of Kneippbyn and ca. 55 m E of the place where this road runs into the main road.

Högklint Beds, unit c, upper part.

References: Hede 1940, p. 25, line 18 (reference to the area in general).

KODINGS 1, CJ 4292 4631, ca. 1520 m ESE of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch excavation immediately N of the road, ca. 400 m ESE of the four-road crossing at Kodings.

Hemse Beds, Hemse Marl, southeastern part.

KODINGS 2, CJ 4256 4641, ca. 1120 m ESE of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch excavation immediately S of the four-road crossing at Kodings.

Hemse Beds, Hemse Marl, southeastern part.

KODINGS 3, CJ 4243 4650, ca. 960 m E of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch excavation immediately N of the road, ca. 170 m WNW of the four-road crossing at Kodings.

Hemse Beds, Hemse Marl, southeastern part.

KORPKLINT 1, CJ 4100 9563, ca. 5760 m WSW of Väskinde church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section N of Snäckgärdsbaden, ca. 75 m SE of the house at "Friluftsbad". For a detailed description, see Hede 1960.

Reference point: Westernmost tip of the section.

Reference level: The boundary between the Upper Visby Beds and the Högklint Beds. The boundary is marked by a red line in the cavity about 15 m NE of the reference point.

Upper Visby Beds and Högklint Beds, unit a.

References: Hedström 1910, p. 1476, Pl. 58 (with a photograph of the locality); Hede 1940, p. 13, lines 6-7 from below, p. 19, line 23 — p. 20, line 2 (contains list of fossils of the Högklint Beds); Hadding 1941, Figs. 47-48; Jux 1957, Fig. 6 (drawing of the cliff; the reference point is located 4-5 cm to the right of the house; the reference level is easily accessible just below the huge boulders to the left of the reference point); Rutten 1958, Fig. 6; Hede 1960, Loc. 2, pp. 53-54 (contains list of fossils); Taugourdeau & Jekhowsky 1964, I.F.P. No. 4952; Manten 1971, Fig. 137.

KRASSE 1, CJ 4647 6684, ca. 1850 m SE of Guldrupe church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Low road section, ca. 780 m WNW of the southeasternmost house at Krasse. For a detailed description, see Hede 1927a.

Klinteberg Beds, middle part.

References: Hede 1927a, p. 47, lines 20-25.

KROKEN 1, CJ 6054 4445, ca. 11275 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure, ca. 520 m ENE of the house at the light-house at När. Kroken 1 is located in the easternmost part of the small point.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Hede 1925, p. 31, line 3; p. 33, line 3 from below — p. 34, line 1 (reference to the area in general).

KROKEN 2, CJ 6051 4440, ca. 11260 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure, ca. 480 m ENE of the house at the light-house at När. Kroken 2 is located at the base of the lowermost raised beach, ca. 50 m S of the easternmost tip (Kroken 1) of the small point.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Hede 1925, p. 33, line 1 from below — p. 34, line 1 (reference to the area in general).

KUE 1, CJ 3968 8363, ca. 610 m NE of Träkumla church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section immediately NW of the road and ca. 30 m SW of the house NW of the road. For a detailed description, see Hede 1940.

Slite Beds, Slite Marl, northwesternmost part.

References: Hede 1940, p. 61, lines 6-13 (contains list of fossils).

Note: There is an intraformational conglomerate at this level.

KUE 2, CJ 3968 8343, ca. 470 m NE of Träkumla church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section, ca. 220 m SW of the house at Ingvards. Kue 2 is located at the end of the ditch, ca. 120 m SE of the road from which the ditch runs perpendiculary (not marked on the topographical map sheet).

Slite Beds, Slite Marl, northwesternmost part.

KULLANDS 1, CJ 3892 5235, ca. 1190 m S of Gerum church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Water hole immediately E of the road and just NE of the bend of the road, ca. 160 m ENE of point 31,5.

Hemse Beds, Hemse Marl, northwestern part.

KULLUNDE 1, CJ 4506 3765, ca. 3860 m ESE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Shore exposure in the small bay, ca. 410 m W of the triangulation point at Kullunde and ca. 125 m W of the house. Kullunde 1 comprises the shore from the small bay ca. 125 m W of the house to the small point ca. 380 m W of the house.

Reference point: The house at Djaupkrok.

Reference level: The Eke-Burgsvik boundary.

Eke Beds and Burgsvik Beds.

References: Hede 1927b, p. 35, lines 9-10 from below.

KULLUNDE 2, CJ 4412 3799, ca. 2860 m ESE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Surface exposures immediately W of a three-road cross (not marked on the topographical map sheet), ca. 100 m E of the three-path cross 1490 m WNW of the triangulation point at Kullunde.

Eke Beds, middle-upper part.

Note: The locality was created by the construction of the field roads through the scraping away of the soil cover. For the time being Kullunde 2 is not easily spotted without a guide, because of the great number of new and anastomozing field roads not marked on the topographical map sheet.

KUPPEN 1, CJ 7562 6647, ca. 4170 m E of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Cliff section at the southernmost end of the cliff at the innermost part of the bight, ca. 30 m NW of the easternmost tip of Snabben. For a detailed description, see Hede 1929 and 1960.

Reference point: The central part of Fig. 28, Munthe 1910 (= Fig. 12, Hede 1929).

Reference level: The base of the bedded limestone unit. The level is marked in the section.

Hemse Beds, unit d.

References: Munthe 1910, Fig. 28; Hede 1929, Fig. 12, p. 40, lines 11-31; Hede 1960, Loc. 39 *pars,* p. 78, line 15 from below — p. 79, line 8.

Note: There is a field-road not marked on the map sheet running along the east coast to Snabben.

KUPPEN 2, CJ 7558 6658, ca. 4140 m E of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Cliff section, ca. 110 m NW of the easternmost tip of Snabben and ca. 80 m WNW of Kuppen 1. For a detailed description, see Hede 1929 and 1960.

Reference point: The left part of Hede's Fig. 13.

Reference level: The boundary between the lowermost, thick unit and the 0.3 m-unit. The reference level is marked in the section.

Hemse Beds, unit d.

References: Hede 1929, Fig. 13, p. 40, lines 1-13 from below; Hede 1960, Loc. 39 *pars,* p. 79, lines 9-30.

Note: There is a field road not marked on the map sheet running along the east coast to Snabben.

KUSE 1, CJ 3277 8700, ca. 3120 m NW of Västerhejde church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry immediately NW of the major road, ca. 250 m W of the house at Kuse. The locality is located ca. 50 m SW of the cross-roads.

Högklint Beds, unit c.

References: Hede 1940, p. 25, line 20.

KVÄNNVÄTEN 1, CJ 5771 8600, ca. 2230 m SSW of Vallstena church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Road section immediately NNE of the place where the field road runs into the big road from Vallstena to Nedbjärs, ca. 575 m ENE of point 23,83.

Slite Beds, Pentamerus gotlandicus Beds or slightly younger.

KVARNBERGET 1, CJ 6956 9791, ca. 1000 m SE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Cliff section, ca. 240 m S of point 5,23 at Slite. For a detailed description, see Hede 1928.

Reference level: The boundary between Hede's local units b (Slite Marl) and c (unit g).

Slite Beds, Slite Marl and unit g.

References: Hede 1928, p. 26, line 6 from below — p. 27, line 5 from below (contains lists of fossils for the measured section).

KYLLAJ 1, CK 7785 0307, ca. 4070 m SE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section immediately S of the W bend of the small connecting road, ca. 310 m SSW of the northeasternmost house at Kyllaj.

Slite Beds, unit g.

References: Martinsson 1962, p. 52.

KYLLAJ 2, CK 7782 0302, ca. 4070 m SE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Exposure at the telephone pole 20 m E of the road, ca. 360 m SW of the northeasternmost house at Kyllaj. The section is about 0.5 m thick.

Slite Beds, unit g.

KYLLAJ 3, CK 7775 0303, ca. 4020 m SE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Section at the edge of abandoned quarry 25 m W of the road (at the sign), ca. 375 m SW of the northeasternmost house at Kyllaj. Kyllaj 3 is located on the path marked in the topographical map sheet.

Slite Beds, unit g.

KYLLAJ 4, CK 7795 0336, ca. 3940 m SE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

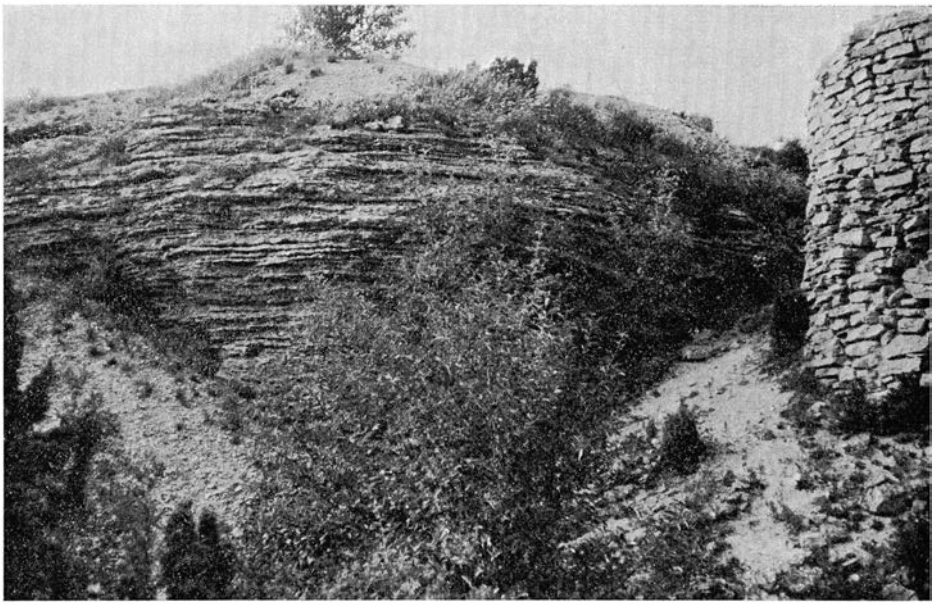

Fig. 14. Kyllaj 4.

Cliff section immediately NW of the road, ca. 15 m NW of the northeasternmost house at Kyllaj. Kyllaj 4 is located immediately W of the abandoned lime-kiln. Fig. 14.

Slite Beds, unit g.

LAIKARN 1, CJ 2371 5658, ca. 350 m NE of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff ca. 100 m SE of the characteristic sea stack called Lajkarn (= the dog, Fig. 65, Hede 1927b).

Halla Beds.

LAJKUNGSRUM 1, CJ 3598 2372, ca. 3810 m NNW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry, ca. 2120 m ENE of point 4,70 at Strands and ca. 70 m S of the road. There is a gate in the stone-fence just E of the easternmost of the three houses in a row. A path runs to the quarry. The quarry is marked on the geological map sheet.

Burgsvik Beds, upper part.

LAMBSKVIE 1, CJ 6536 7078, ca. 6630 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Water hole immediately N of the road, ca. 300 m W of the sawmill at Lambskvie.

Hemse Beds, unit c.

References: Hede 1929, p. 33, line 17 (reference to the area in general); Mori 1970, p. 20, Loc. 99.

LANDTRÄSK 1, CK 4871 0379, ca. 2300 m S of Lummelunda church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Drainage ditch section immediately SW of the cross-roads.

Tofta Beds, top.

LÄNGARS 1, CK 7575 0359, ca. 2380 m SSE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation immediately E of the road, ca. 275 m SSE of the northernmost house at Längers.

Slite Beds, Slite Marl.

References: Hede 1933, p. 47, lines 22-24 (contains list of fossils); Martinsson 1962, p. 50.

LANGHAMMARSHAMMAR 1, CK 9251 3010, ca. 9520 m NNE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Sea stack area, ca. 100 m N of the triangulation point at Langhammarshammaren. The locality is located ca. 50 m ENE of the southwesternmost giant sea stack and consists of the small stromatoporoid bioherms protruding from the beach rubble.

Högklint Beds, lower-middle part.

References: Hede 1936, p. 18, lines 18-19 (reference to the area in general).

LANGHAMMARSHAMMAR 2, CK 9242 3003, ca. 9450 m NNE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low cliffs 2-20 m outside the shoreline of the small bay, ca. 100 m WNW of the triangulation point at Langhammarshammaren and ca. 75 m SW of the southwesternmost giant sea stack.

Högklint Beds, lower part, top.

References: Hede 1936, p. 14, lines 15-16 (reference to the area in general).

LANGHAMMARSVIKEN 1, CK 9114 2901, ca. 8150 m NNE of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Shallow exposure at the sea shore 50 m ENE of the outflow of the small stream from Langhammarsviken to the Baltic.

Högklint Beds, lower part.

References: Hede 1936, p. 13, line 12.

LÄNNABERGET 1, CJ 6924 9917, ca. 900 m NE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Sea stack area, ca. 180 m SSE of the easternmost house at Länna. Fig. 20.

Slite Beds, unit g.

References: Murchison 1847, p. 20, Pl. 1, fig. 10; Hede 1928, Fig. 22, p. 25, lines 4-11 from below; Hedström 1928, p. 446 (baryte reported); Hede 1960, Loc. 16 *pars,* p. 64, line 18 from below — p. 65, line 7 (contains list of fossils); Taugourdeau & Jekhowsky 1964, I.F.P. No. 4956; Manten 1971, Figs. 160-161.

LÄNNABERGET 2, CJ 6928 9908, ca. 840 m NE of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Section along the road to the oil storage tanks ca. 60 m SW of the main road and ca. 35 m W of the northernmost industry building (electricity central) at Cementfabr. Fig. 20.

Reference point: The lamp-post at the solitary sea stack. Fig. 15.

Reference level: The boundary between the marly, irregularly bedded limestone and the stratified limestone (see Hede 1960).

Slite Beds, unit g, lower part.

References: Hede 1960, Loc. 16 *pars,* p. 64, lines 19-32; Manten 1971, Fig. 162 (photograph of the section close to the reference point).

LANSA 1, CK 8548 2142, ca. 4025 m W of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Small abandoned quarry immediately NE of the road ca. 300 m N of the NW house at Lansa. The quarry is marked on the geological map sheet.

Slite Beds, unit d.

References: Hede 1936, p. 19.

LANSAHOLM 1, CK 8447 2023, ca. 5110 m WSW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Small abandoned quarry (not marked on the geological map sheet) ca. 1190

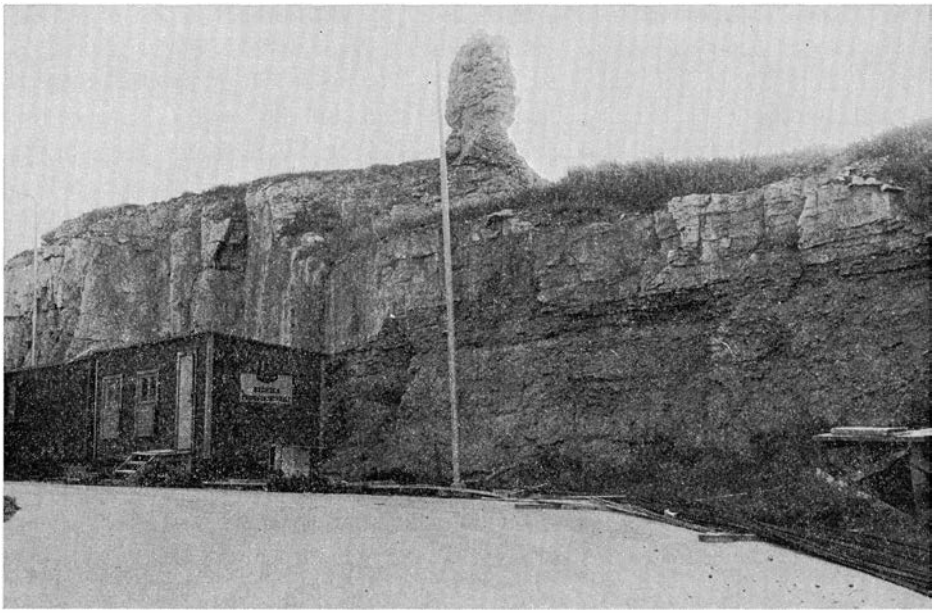

Fig. 15. Lännaberget 2. Photograph of the reference point. The reference level is located at the upper right corner of the tool-shed.

m SW of the windmill at Lansa and immediately SE of the road between Lansa and Lansaholm.

Slite Beds, unit g, top.

LASSOR 1, CJ 6112 5784, ca. 3980 m ENE of Alskog church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Road section immediately N of road No. 144, ca. 680 m ESE of the house at Lassor and ca. 50 m W of the place where road No. 145 runs into No. 144.

Hemse Beds, upper part.

References: Hede 1929, p. 38, lines 7-8 (reference to the area in general).

LAU BACKAR 1, CJ 5775 5209, ca. 1250 m ENE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Surface exposure, ca. 1000 m SW of the triangulation point at Lausbackar. For a detailed description, see Hede 1960.

Eke Beds, Rhizophyllum Limestone, type locality.

References: Lindström 1882a, p. 27, lines 5-6; Munthe 1902, p. 31, line 10 — p. 32, line 14 (contains list of fossils); Munthe 1910a (contains a detailed map also reproduced in Munthe et al. 1925, the exposure is located within the Ancylus ring beach marked in the map); Munthe 1910b; Munthe et al. 1925; Hede 1921,

p. 69, lines 1-18 (list of fossils); Hede 1925, p. 46, lines 9-38 (list of fossils); Hede 1960, Loc. 43, pp. 81-82 (list of fossils); Wedekind 1927, pp. 23, 24, 31; Spjeldnaes 1950, p. 211, line 3, Pl. 1, figs. 1-7 (short report on several groups of fossils); Boucot 1962, Pl. 104, Figs. 9-14; Martinsson 1962, p. 57; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4961; Borg 1965, p. 20, Pl. 1, fig. 3, Pl. 3, figs. 3,6.

LAUSVIK 1, CJ 5913 5211, ca. 2590 m ENE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Surface exposure half-way between the end of the field road and the sea, ca. 1080 m SE of the triangulation point at Lausbackar and ca. 70 m E of the eastern edge of the wood and the shooting range.

Hemse Beds, Hemse Marl, upper part.

LAUTER 1, CK 8755 2492, ca. 4300 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low shore exposure ca. 75 m NNW of the northern house at Lauter Fiskeläge.

Högklint Beds, lower-middle part.

References: Hede 1936, p. 15, line 5 from below.

LAUTERHORN 1, CK 8628 2557, ca. 5525 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low cliff section at the sea shore 525 m NNW of the triangulation point at Lauterhorn.

Högklint Beds, lower-middle part.

LAUTERHORNSVIK 1, CK 8788 2554, ca. 5050 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low shore exposure, ca. 730 m NE of the triangulation point at Lauterhorn and ca. 70 m south of the road.

Högklint Beds, lower-middle part.

LAUTERHORNSVIK 2, CK 8684 2563, ca. 5200 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low shore exposure ca. 610 m NNE of the triangulation point at Lauterhorn and ca. 50 m S of the road.

Högklint Beds, lower-middle part.

References: Hede 1936, p. 13, lines 27-42 (contains list of fossils).

LEISUNGS 1, CJ 3841 4293, ca. 2420 m WSW of Alva church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Excavation for a water hole immediately S of the major road and immediately E of the field road, ca. 370 m NNE of the windmill W of Livsungs.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 56.

LEISUNGS 2, CJ 3841 4245, ca. 2590 m SW of Alva church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section at the northernmost edge of the wood point, ca. 280 m SE of the windmill W of Livsungs.

Hemse Beds, Hemse Marl, southeastern part.

LERBERGET 1, XD 7835 5353, ca. 1375 m W of the triangulation point in Stora Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section in the northern part of Lerberget, ca. 185 m S of the northwesternmost house in Stora Karlsö. For a photograph of the locality, see Fig. 20, Hede 1927b (Lerberget 1 is located 4 cm from the left edge and 2.5 cm from the lower edge of the photograph).

Slite Beds, Slite Marl, Lerberget Marl and *Pentamerus gotlandicus* Beds.

References: Lindström 1882b, pp. 14-15 (detailed but old description of the beds; contains lists of fossils; reference to Lerberget in general); Hede 1927b, p. 37, line 14 — p. 39, line 10 from below, Fig. 20 (contains lists of fossils; reference to Lerberget in general; compare with Lerberget 2 and 3); Martinsson 1962, p. 50 (locality Västarberget, sic).

LERBERGET 2, XD 7835 5343, ca. 1385 m WSW of the triangulation point in Stora Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section in the middle part of Lerberget, ca. 275 m S of the northwesternmost house in Stora Karlsö. For a photograph of the locality, see Fig. 20, Hede 1927b (Lerberget 2 is located 4.8 cm from the left edge and 2 cm from the lower edge of the photograph).

Slite Beds, Slite Marl, Lerberget Marl and *Pentamerus gotlandicus* Beds.

References: Lindström 1882b, pp. 14-15 (reference to Lerberget in general; see Lerberget 1); Hede 1927b, p. 37, line 14 — p. 39, line 10 from below, Fig. 20 (reference to Lerberget in general; compare with Lerberget 1 and 3).

LERBERGET 3, XD 7835 5337, ca. 1400 m WSW of the triangulation point in Stora Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section in the southern part of Lerberget, ca. 350 m S of the nortwesternmost house in Stora Karlsö. For a photograph of the locality see Fig. 20, Hede 1927b (Lerberget 3 is located 5.5 cm from the left edge and 2 cm from the lower edge of the photograph).

Slite Beds, Slite Marl, Lerberget Marl and *Pentamerus gotlandicus* Beds.

References: Lindström 1882b, pp. 14-15 (reference to Lerberget in general; see Lerberget 1); Hede 1927b, p. 37, line 14 — p. 39, line 10 from below (reference to Lerberget in general; compare with Lerberget 1 and 2).

LICKEDARVE 1, CK 7442 1695, ca. 680 m NNE of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Water hole immediately NW of the main road and immediately SW of the road from Lickedarve to Lundarhage.

Slite Beds, unit c.

References: Hede 1933, p. 36, lines 11-14.

LICKERSHAMN 1, CK 5192 1262, ca. 4350 m NNW of Stenkyrka church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section ca. 500 m NW of the northwesternmost house at Lickershamn. Lickershamn 1 comprises the cliff NW of the outlet of the stream and towards NW to the giant sea stack called Jungfrun (Jungfruklint in the topographical map sheet).

Reference point: The protruding part of the cliff ca. 50 m SSE of Jungfrun. Fig. 16.

Reference level: The base of the limestone bed above the eroded bentonite bed ca. 1.2 m above base of the cliff. The level is painted in the cliff.

Lower Visby Beds, Upper Visby Beds and Högklint Beds, unit a.

References: Hede 1940, p. 10, lines 24-26, p. 13, lines 17-18, p. 28, line 4; Spjeldnaes 1959, p. 583, Fig. 2; Martinsson 1962, p. 47 (Lickershamn I); Mori 1968, p. 22, Loc. 4 a.

LICKERSHAMN 2, CK 5199 1239, ca. 4080 m NNW of Stenkyrka church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Stream section, ca. 260 m NW of the northwesternmost house at Lickershamn. Lickershamn 2 comprises from 100 m W of the bridge to the sea.

Reference point: The bridge along the path.

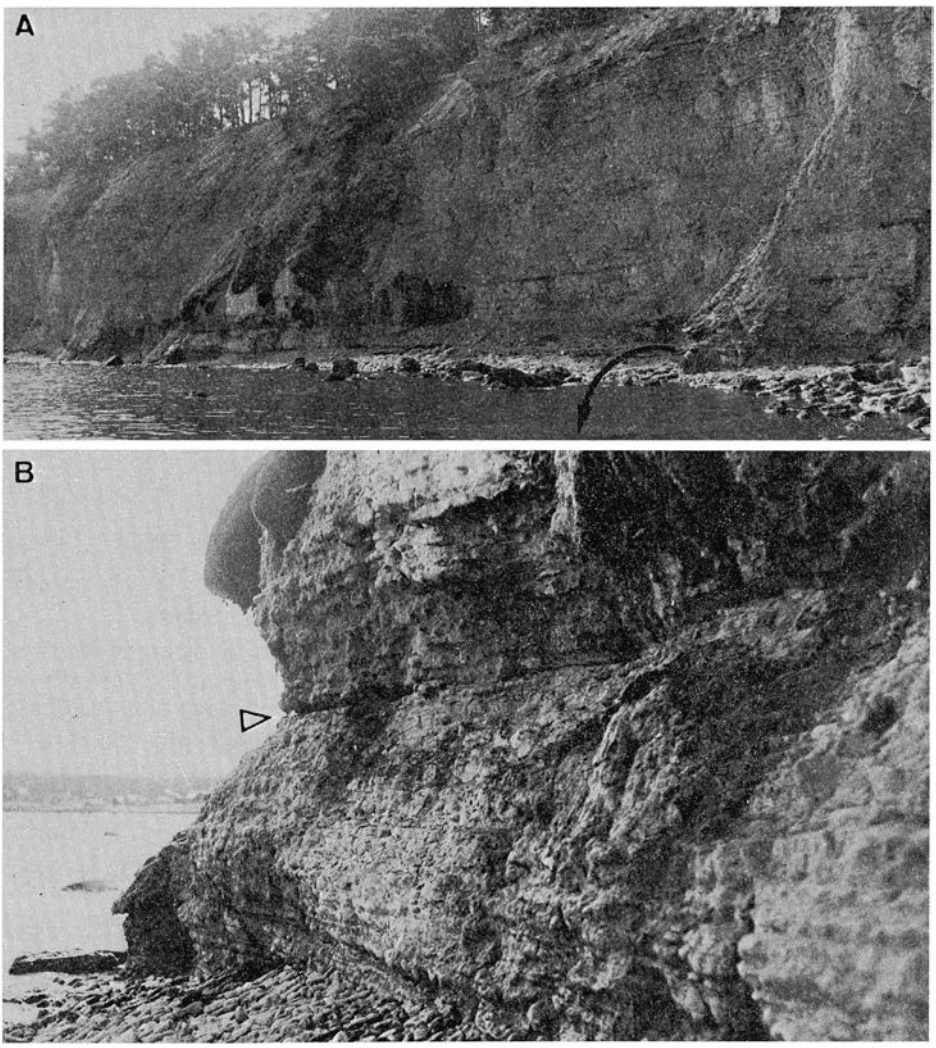

Fig. 16. Lickershamn 1. A. View of a major part of the section. B. Photograph of the reference point with an arrow pointing at the reference level.

Reference level: The boundary between Upper Visby Beds and Högklint Beds, ca. 9.5 m a.s.l.

Upper Visby Beds and Högklint Beds (unit a).

References: Hede 1940, p. 23, lines 1-17 from below (contains a list of fossils from the Högklint Beds 13-15 m a.s.l.); Martinsson 1962, p. 47 (Martinsson's locality Lickershamn II).

LICKERSHAMN 3, CK 5167 1277, ca. 4560 m NNW of Stenkyrka church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

The plateau on top of Stuklint, ca. 750 m NW of the northwesternmost house at Lickershamn. The locality is located just N of the end of the path.

Högklint Beds, unit a, top.

References: Hede 1940, p. 28, line 3.

LIKMIDE 1, CJ 4023 4764, ca. 1630 m NW of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section between the old bridge (at point 19,0) and the power line (10 m south of the pole).

Reference point: The power line pole at the western side of the ditch.

Hemse Beds, Hemse Marl, northwestern part.

LIKSARVE 1, CJ 2970 8012, ca. 1240 m NW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Surface exposure immediately S of the road, ca. 100 m E of point 36,65 at Rangvalds.

Slite Beds, unit a.

References: Hede 1927a, p. 24, lines 1-3.

LILLA HALLVARDS 1, CJ 2901 4140, ca. 5630 m WSW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Low ditch section, ca. 40 m NW of the field road and ca. 170 m WSW of the house immediately north of *L* in *L.* Hallvards. For a detailed description, see Hede 1960.

Hemse Beds, Hemse Marl, northwestern part.

References: Halle 1920, pp. 258-260, Pl. 1; Hede 1960, Loc. 44, p. 82 (contains list of fossils); Martinsson 1962, p. 54 (Martinssons's locality Petes); Martinsson 1967, p. 368, line 1; Mori 1970, p. 23, Loc. 134; Lundblad 1972, pp. 135-139, Pl. 1.

LILLA HALLVARDS 2, CJ 2902 4132, ca. 5610 m WSW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch excavation immediately SE of the small bridge, ca. 175 m SW of the house immediately north of *L* in *L.* Hallvards.

Hemse Beds, Hemse Marl, northwestern part.

Fig. 17. Lilla Snögrinde 1. The reference point is located at the road sign.

LILLA HOME 1, CJ 3450 8187, ca. 2120 m W of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry immediately N of the major road, ca. 525 m NE of point 44,68 at Livrejänge. The locality is located immediately W of the small road and is marked on the geological map sheet.

Slite Beds, Katrinelund Limestone.

References: Hede 1927a, p. 25, line 2 from below — p. 26, line 2.

LILLA SIMUNDE 1, CJ 3669 2043, ca. 2270 m N of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure and shallow excavation 30 m W of the road, ca. 390 m S of point 3,31 W of Ollajvs. The locality is located close to the stone fence.

Hamra Beds, unit c.

LILLA SNÖGRINDE 1, CJ 3421 6315, ca. 550 m E of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Section immediately east of the road, ca. 290-415 m SSE of the cross-roads just E of the northernmost end of the hill of Klinteberget. For a detailed description, see Hede 1960.

Reference point: The triangular road sign in the northern part of the section. Fig. 17.

Klinteberg Beds, lower-middle part.

References: Hede 1960, Loc. 33, p. 75; Fåhraeus 1969, p. 10 (Fåhraeus' G 66-36 Klinte); Mori 1970, p. 18, Loc. 94.

LILLA SNÖGRINDE 2, CJ 3442 6199, ca. 1340 m SSE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Two sections immediately east of the road, ca. 1485-1700 m SSE of the cross-roads just E of the northernmost end of the hill of Klinteberget.

Reference point: The spot (ca. 1500 m) where the path from SSW runs into the main road.

Klinteberg Beds, middle part.

LILLA SNÖGRINDE 3, CJ 3453 6264, ca. 960 m SE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Inland cliff section at the end of road and immediately S of the southeasternmost house at L. Snögrinde.

Klinteberg Beds, lower-middle part.

LINDE 1, CJ 4201 5181, ca. 90 m NW of Linde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Inland cliff section NW of the road, ca. 90 m NW of the church. Linde 1 comprises the section at the path and steps (not marked on the topographical map sheet) up to the top of the cliff and the cliff section eastwards to the house NNW of Linde church.

Reference point: The telegraph pole at the section.

Hemse Beds, upper part.

References: Hede 1921, p. 64, lines 12-25 (list of fossils); Hede 1927b, p. 32, lines 15-28; Martinsson 1962, p. 54; Fåhraeus 1969, p. 12; Manten 1971, p. 271, Fig. 188 (Lindeklint, partly).

LINDSTRÖMS GROTTA 1, CJ 2296 5672, ca. 650 m WNW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section at Lindströms grotta (cave), ca. 370 m S of the northernmost skerry of Lilla Karlsö.

Halla Beds and Klinteberg Beds.

References: Hede 1927b, p. 48, lines 27-35.

LINGVIDE 1, CJ 3919 3755, ca. 1640 m SE of Havdhem church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Excavation for a water hole NE of the main road ca. 350 m SE of point 22,0.

Eke Beds, lower part.

References: Hede 1960, Loc. 45, pp. 82-83; Martinsson 1962, p. 58; Eisenack 1964a, p. 310, Loc. 24; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4962; Boucot & Johnson 1967b, p. 1237 (USNM loc. 10079); Walmsley & Boucot 1971, p. 499, line 15.

Note: The excavated bed-rock material is picked away nowadays, wherefore Lingvide 1 not is recommended as an excursion locality.

LJUGARN 1, CJ 6254 5597, ca. 2900 m SW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Sea stack area on the shore, ca. 75 m NNE of the innermost part of the pier in the northern (fishing) harbour at Ljugarn. Ljugarn 1 is located at the first point N of the pier and ca. 15 m ESE of the pillbox.

Hemse Beds, upper part.

References: Hede 1960, Loc. 40 (contains list of fossils).

LUKSE 1, CJ 3262 4300, ca. 2320 m WNW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section immediately E of the ditch and road intersection, ca. 220 m SSE of point 15,97 at Lukase.

Hemse Beds, Hemse Marl, northwestern part.

References: Hede 1927b, p. 25, lines 20-25 (contains list of fossils); Martinsson 1962, p. 54.

LUNDE 1, CJ 4157 3463, ca. 2320 m ESE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Small abandoned quarries in the wood, ca. 480 m E of the crossings of the four roads N of Rovalds. Lunde 1 is located ca. 90 m WNW of the westernmost point of the meadow in the wood. The small quarries are marked with one quarry triangle on the geological map sheet.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Martinsson 1962, p. 58.

LYRUNGS 1, CJ 5077 5175, ca. 1710 m S of Lye church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Rivulet exposure at the northern bridge abutment, ca. 770 m ESE of the windmill at Lyrungs.

Hemse Beds, probably middle part.

MAIGU 1, CJ 7213 9577, ca. 5500 m E of Boge church. Topograpical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Cliff section at the sea stacks, ca. 50 m N of the house (cabin).

Slite Beds, unit g (outlier).

References: Hede 1928, p. 41, lines 11-16 (Maigu in general).

MAIGU 2, CJ 7239 9530, ca. 5800 m ESE of Boge church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Shore exposure, ca. 500 m SSE of the house (cabin).

Slite Beds, unit g (outlier).

References: Hede 1928, p. 41, lines 11-16 (Maigu in general).

MALMS 1, CJ 4855 4350, ca. 3060 m E of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch section immediately SW of the road, ca. 730 m NW of the northernmost house at Malms. Malms 1 is located in the ditch parallel to the road and ca. 10 m SE of the ditch perpendicular to the road.

Reference level: The Hemse-Eke boundary.

Hemse Beds and Eke Beds.

MARBODAR 1, CJ 3168 3598, ca. 3800 m NW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Shore exposure, ca. 120 m N of the solitary house W of the road at Marbodar.

Hemse Beds, Hemse Marl, northwestern part.

MARPES 1, CK 8653 2146, ca. 2950 m W of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Inland cliff section W of the road, ca. 250 m SSW of the three-road cross some hundred metres SE of Marpes.

Slite Beds, unit c.

MARPES 2, CK 8648 2220, ca. 3175 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure immediately NW of the road, ca. 285 m NE of the W house at Marpes.

Slite Beds, unit c.

References: Hede 1936, p. 22, lines 23-24.

MARPESHOLM 1, CK 8622 2340, ca. 4000 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low cliff at sea shore in the bight ca. 300 m NE of the house marked Fiskestuga.

Reference level: The Högklint-Slite boundary.

Högklint Beds and Slite Beds, units c of both.

References: Hede 1936, p. 19, line 11 from below.

MARSÄNGEN 1, CJ 2774 7860, ca. 2850 m WSW of Tofta church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Shallow excavation immediately SE of the road, ca. 125 m SSW of the place where the path from Skämmingsbacke runs into the field road.

Högklint Beds, southwestern facies, upper part.

MARTILLE 1, CJ 3318 8420, ca. 4170 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Shallow excavation in the wood, ca. 380 m NE of point 54,4 west of Martille. The locality is located in the hillock ca. 75 m SSE of the house. For a detailed description, see Hede 1940.

Slite Beds, units b and c.

References: Hede 1940, p. 44, lines 11-25 (contains list of fossils).

MARTILLE 2, CJ 3322 8427, ca. 4170 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Small, abandoned quarry, ca. 470 m NE of point 54,4 west of Martille. The locality is located in the northwest-facing slope, ca. 75 m E of the house. For a detailed description, see Hede 1940.

Slite Beds, Katrinelund Limestone.

References: Hede 1940, p. 44, lines 20-25 (contains list of fossils).

MARTILLE 3, CJ 3312 8380, ca. 4000 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section immediately SW of the road, ca. 200 m ESE of point 54,4 west of Martille. The locality is located ca. 60 m from the house.

Slite Beds, Katrinelund Limestone.

References: Hede 1940, p. 46, line 10 from below.

MARTILLE 4, CJ 3355 8364, ca. 3535 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section immediately N of the cross-roads, ca. 650 m ESE of point 54,4 west of Martille.

Slite Beds, Katrinelund Limestone.

MARTILLE 5, CJ 3437 8358, ca. 2825 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section, ca. 30 m NW of the ancient monument marked Bildsten on the topographical map sheet. Martille 5 is located at the bridge.

Slite Beds, unit a.

References: Hede 1940, p. 41, line 7.

MARTILLE 6, CJ 3490 8288, ca. 2010 m NW of Stenkumla church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Surface exposure immediately NE of the path (field road), ca. 530 m SE of the house at Forse. Martille 6 is located ca. 15 m NW of the edge of the wood.

Slite Beds, Katrinelund Limestone.

References: Hede 1927a, p. 25, line 3 from below.

MEDBYS 1, CJ 5170 5176, ca. 1810 m SSE of Lye church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure 0-50 m S of the bridge, ca. 450 m SSW of the northeastern house at Medebys.

Reference point: Southern edge of the bridge.

Hemse Beds, probably middle part.

References: Hede 1925, p. 20, lines 3-6; Martinsson 1962, p. 55.

MILLKLINT 1, CJ 6388 6460, ca. 4230 m W of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section ca. 2500 m NNW of point 27,2 (on the road between Skogby and Ala). Millklint 1 is located at the easternmost part of the cliff, W of the path, and 100 m towards the northwest.

Hemse Beds, Millklint Limestone.

References: Hede 1929, p. 49, lines 2-20 (contains list of fossils); Martinsson 1962, p. 56.

MILLKLINT 2, CJ 6359 6483, ca. 4525 m W of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section, ca. 2820 m NNW of point 27,2 (on the road between Skogby and Ala). Millklint 2 is located at the easternmost part of the cliff pro-

truding towards the northeast (the middle of the three lobes on the geological map sheet).

Hemse Beds, Millklint Limestone.

MILLKLINT 3, CJ 6386 6458, ca. 4275 m W of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section, ca. 2470 m NNW of point 27,2 (on the road between Skogby and Ala). Millklint 3 is the southeast-facing cliff SW of the easternmost point of the cliff.

Reference level: The lower of the two conspicuous, caved marl beds about 1 m above base of the section.

Hemse Beds, Millklint Limestone.

References: Hede 1929, p. 48, line 17 from below — p. 49, line 2 (reference to the southeastern and eastern part of the cliff at Millklint).

MILLKLINTDALEN 1, CJ 6366 6448, ca. 4460 m W of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section, ca. 2470 m NNW of point 27,2 (on the road between Skogby and Ala). Millklintdalen 1 is located at the northernmost part of the swamp. For a detailed description, see Hede 1929.

Hemse Beds, Millklint Limestone.

References: Hede 1929, p. 48, line 17 from below — p. 49. line 2 (reference to the southeastern and eastern part of the cliff at Millklint).

MILLKLINTDALEN 2, CJ 6351 6444, ca. 4600 m W of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Inland cliff section, ca. 2490 m NNW of point 27,2 (on the road between Skogby and Ala). Millklintdalen 2 is located ca. 50 m W of the westernmost part of the swamp. For a detailed description, see Hede 1929.

Hemse Beds, Millklint Limestone.

References: Hede 1929, p. 48, line 17 from below — p. 49, line 2 (reference to the southeastern and eastern part of the cliff at Millklint).

MÖLLBOS 1, CJ 4826 7445, ca. 3150 m W of Sjonhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Low rivulet section immediately NW of the concrete barrage at the pond. Möllbos 1 comprises the distance 0-140 m NW of the barrage. For a detailed description, see Hede 1927a and 1960.

Reference point: The barrage across the rivulet.

Halla Beds, unit b.

References: Hede 1927a, p. 35, lines 10-17 and 20-30 (contains list of fossils); 1960, Loc. 20 *pars,* p. 67 — p. 68, line 10; Martinsson 1962, p. 53; Fåhraeus 1969, p. 9.

MÖLLBOS 2, CJ 4816 7456, ca. 3275 m W of Sjonhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Bioherm in the rivulet section ca. 150 m NW of the concrete barrage at the pond. Möllbos 2 comprises the distance 150-175 m NW of the barrage. For a detailed description, see Hede 1927a and 1960.

Halla Beds, unit b.

References: Hede 1927a, p. 35, lines 18-20, line 30 — p. 36, line 10 (contains list of fossils); Hede 1960, Loc. 20 *pars,* p. 68, from line 10 (contains list of fossils); Mori 1970, p. 13, Loc. 63.

MÖLNER 1, CJ 3342 6228, ca. 830 m SSW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Excavation in the inland cliff immediately NE of the first house E of the road N of Mölner.

Mulde Beds, upper part.

References: Martinsson 1967, p. 366, lines 8-9 from below *(Gothograptus nassa).*

MULDE 1, CJ 3189 6198, ca. 2100 m SW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure, ca. 70 m E of the main road and ca. 15 m N of the road between Värsände and Mulde (northernmost settlement). For a detailed description, see Hede 1960.

Slite Beds, Slite Siltstone.

References: Hede 1960, Loc. 30, pp. 73-74.

MULDE 2, CJ 3183 6102, ca. 2770 m SW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Ditch exposure 30-75 m E of the main road, ca. 580 m NE of point 16,44.

Reference point: The road.

Mulde Beds, uppermost part.

MULDE TEGELBRUK 1, CJ 3127 6048, ca. 2080 m NNE of Fröjel church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Former brick-yard and excavated material ca. 210 m WSW of point 16,44 south of Mulde (southern settlement). The locality is located immediately W of

the small point of wood and is nowadays inaccessible. For a detailed description, see Hede 1927b and 1960.

Mulde Beds, type locality.

References: Lindström 1879, pp. 13-14 (technical information on the brick-yard); Lindström 1885, pp. 53, 78; Vesterberg 1895, pp. 422-423 (report on the occurrence of magnesium carbonate); Chapman 1901 (devoted to fossils exclusively from this locality); Hennig 1905, p. 20, lines 23-24; Hennig 1906, p. 25, line 8; van Hoepen 1910, p. 68, line 14 from below - p. 70, line 8 (contains list of fossils); Hede 1921, pp. 45-50 (all fossils listed in column d of the table were collected at Mulde Tegelbruk 1 with the exception of *Dictyonema* sp., *Pristiograptus dubius* and *Gothograptus nassa);* Wedekind 1927, p. 89; Hede 1927b, p. 18, line 9 from below - p. 19, line 28, p. 20, line 6 from below - p. 21, line 37 (contains list of fossils); Hede 1942, Loc. 3 b; Spjeldnaes 1951, p. 746, Table 1, Fig. 2A, Pl. 103, Pl. 104, figs. 1-3, 5, 6; Kurtén 1953, pp. 48-51, Table 18, Fig. 15; Henningsmoen 1953, p. 24, Pl. 1, figs. 5-8; Martinsson 1955, pp. 1-33, Pls. 1-2; Martinsson 1956, pp. 1-42, Pls. 1-5; Jaanusson & Martinsson 1956, pp. 404, 409, Figs. 1-2, Pl. 1; Hede 1960, Loc. 31, p. 74 (contains list of fossils); Martinsson 1962, p. 53 (Mulde); Eisenack 1964a, p. 310, Loc. 10; Taugourdeau & Jekhowsky 1964, I.F.P. Nos. 4958, 4959; Eisenack 1966b, Pl. 30, fig. 5, Pl. 32, figs. 6, 8; Eisenack 1968b, Pl. 27, fig. 16; Eisenack 1968c, Pl. 3, fig. 11; Walmsley & Boucot 1971, p. 501, line 14.

MUNKEBOS 1, CJ 5169 5027, ca. 1670 m SW of Dalhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Section along the Dalhem rivulet immediately W of the old railway bridge (marked as a path in the topographical map sheet) across the rivulet ca. 140 m SW of point 26,4. Munkebos 1 comprises the distance 0-150 m W of the bridge. For a detailed description, see Hede 1929.

Reference point: Western edge of the bridge.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds or slightly younger.

References: Hede 1929, p. 15, lines 2-30 (contains list of fossils).

MUSKMYR 1, CJ 2926 1450, ca. 860 m NE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry immediately NW of the road, ca. 550 m E of the house at Majstre. The quarry is marked on the geological map sheet.

Sundre Beds, lower part.

NABBAN 1, CJ 6242 4947, ca. 9170 m SSW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Shore exposure 20 m N of the canal (harbour) at Nabban.

Eke Beds, lower part.

References: Hede 1925, p. 29, lines 12-14 (reference to the area in general); Mori 1970, p. 25, Loc. 137.

NABBAN 2, CJ 6238 4958, ca. 9060 m SSW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Shore exposure, ca. 140 m NNW of the northeasternmost part of the canal (harbour) at Nabban. Nabban 2 is located ca. 20 m N of the intersection of the coast line and the prolongation of the southern edge of the wood.

Eke Beds, lower part.

References: Hede 1925, p. 29, lines 12-14 (reference to the area in general).

NABBAN 3, CJ 6217 4914, ca. 9530 m SSW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Low shore exposure, ca. 250 m SW of the southwesternmost house at Nabban. Nabban 3 is located halfway between the two small points.

Eke Beds.

References: Hede 1925, p. 29, lines 12-14 (reference to the area in general).

NÄRS FYR 1, CJ 6012 4419, ca. 10,970 m ESE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Shore exposure in the southernmost part of Närsholmen ca. 170 m SE of the house at the light-house.

Hamra Beds, lower part.

References: Hede 1925, p. 33, line 3 from below - p. 34, line 2.

NÄS 1, CJ 3404 3295, ca. 300 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section immediately NW of the road, ca. 300 m SW of Näs church.

Eke Beds, lower part.

References: Boucot & Johnson 1967b, p. 1238 (USNM loc. 10008).

NISSE 1, CJ 3206 3801, ca. 4550 m SW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section immediately NE of the road and ditch intersection, ca. 625 m NE of the triangulation point at Mjauvikshagen. Nisse 1 comprises from 100 m NE of the intersection to 225 m SW of the intersection (at the bend of ditch). For a detailed description, see Hede 1919.

Reference point: The road and ditch intersection.

Hemse Beds, Hemse Marl, northwestern part.

References: Hede 1919, Locality 2, p. 12, line 16 - p. 14, line 21 (contains list of fossils); Hede 1942, Loc. 3 d.

NORDERSLÄTT 1, CJ 2276 5681, ca. 875 m NW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Shore cliff on the NW coast, ca. 400 m SW of the northernmost skerry of Lilla Karlsö. The locality is located E of the step-ladder to the shore and is shown in Fig. 26, Hede 1927b.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds.

References: Hede 1927b, Fig. 26, p. 46, line 6, p. 47, lines 11-21.

NORRA GATTET 1, CK 8428 2164, ca. 5225 m W of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Shallow exposure at the small bay ca. 300 m W of the triangulation point at N. gattet. Ca. 50 m S of the telegraph pole.

Högklint Beds, unit c, top.

NORRA GATTET 2, CK 8463 2139, ca. 5150 m W of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Small abandoned quarry (not marked on the geological map sheet) ca. 185 m SW of the triangulation point at N. gattet and ca. 75 m S of the road from N. gattet to the sea.

Slite Beds, unit c, base.

NORRBYS 1, CJ 4400 8736, ca. 2000 m NNE of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Excavation in the inland cliff section immediately W of the road ca. 75 m SSW of the place where the small road from L. Vede runs into the main road.

Slite Beds, unit g.

References: Hede 1940, p. 56, lines 11-12 from below; Martinsson 1962, p. 51.

NORRVANGE 1, CK 6849 1193, ca. 4620 m N of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Low inland cliff, ca. 200 m NE of the northernmost cross-roads at Norrvange and 50 m N of the house.

Slite Beds, unit a.

References: Hede 1933, p. 32, lines 5-11 (contains list of fossils).

NORS 1, CK 7727 2137, ca. 5960 m NNE of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Exposure at the strand of Bästeträsk just opposite the house, ca. 510 m NE of the southernmost house at Nors.

Högklint Beds, unit b, upper part.

NYAN 1, CJ 6182 4969, ca. 9075 m SSW of the triangulation point at Folhammar-Djaupviken. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 156 Ronehamn.

Temporary excavation in the field 20 m ENE of the cross-roads and ca. 440 m W of the northwesternmost house at Nabban.

Eke Beds, lower part.

Note: In the dumped rock material immediately NW of the cross-roads there is a mixture of the *Dayia* Flags of the uppermost part of the Hemse Beds and rocks from the lowermost 0.5 m of the Eke Beds.

NYAN 2, CJ 6168 5057, ca. 5190 m ESE of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Section on the beach, ca. 15 m NW of the sharp bend of the field road immediately NW of the solitary house NE of Nyan.

Reference level: The Hemse-Eke boundary.

Hemse Beds and Eke Beds.

References: Munthe 1902, Fig. 9, p. 44, line 17 — p. 45, line 3 from below (important reference containing a measured section with lists of fossils); Hede 1925, Fig. 13, p. 29, lines 12-13; Manten 1971, p. 390, Fig. 201.

NYGÅRDS 1, CJ 5075 7980, ca. 2650 m SW of Dalhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Section along the Dalhem rivulet immediately W of the bridge at Nygårds, at point 23,5. Nygårds 1 comprises the distance 0-225 m W of the bridge. For a detailed description, see Hede 1927a.

Reference point: Western edge of the bridge.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds.

References: Hede 1927a, p. 30, lines 1-38 (contains list of fossils); Martinsson 1962, p. 50.

NYGÅRDS 2, CJ 5103 7903, ca. 2050 m NNE of Halla church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Ditch excavation, ca. 590 m N of point 35,95 south of Nygårds. Nygårds 2

is located 5 m NW of the path (= old railway embankment, not marked on the topographical map sheet) and ca. 30 m NE of the parish boundary (there is a path along this).

Halla Beds, unit b.

References: Hede 1927a, p. 36, lines 21-31 (reference to some now inaccessible localities of the area with the same lithology and fauna).

NYHAMN 1, CK 4639 0582, ca. 2320 m W of Lummelunda church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Section close to the shore, ca. 225 m NNE of the northernmost, solitary house at Nyhamn.

Lower Visby Beds.

References: Hede 1940, p. 13, line 4; Martinsson 1962, p. 46.

Note: The Upper Visby Beds crop out about 6 m a.s.l. Beware of contamination.

NYHAMN 2, CK 4635 0527, ca. 2500 m WSW of Lummelunda church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Well immediately SW of the road to Nyhamn Fiskeläge, ca. 70 m NE of the house NW of *B* in *B*arnkol.

Lower Visby Beds.

References: Martinsson 1962, p. 46 (Loc. Nyhamn Well).

NYMÅNETORP 1, CK 6683 1449, ca. 7425 m NNW of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Quarry ca. 1120 m SW of the triangulation point at Storhagen. The quarry is marked on the geological and topographical map sheets.

Reference point: Northwestern wall of the quarry. Fig. 18.

Reference level: The marly surface in the upper part of the section which divides the upper two limestone units. The surface constitutes the floor of the uppermost part of the quarry.

Högklint Beds, unit b, upper part.

References: Hede 1933, p. 27, line 14.

OIDEHOBURGA 1, CK 8732 1948, ca. 2700 m SW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure (mainly consisting of wheel tracks) in a field, ca. 250 m E of Åidehoburga on the topographical map sheet.

Fig. 18. Nymånetorp 1. Photograph of the reference point with an arrow pointing at the reference level.

Slite Beds, Slite Marl.

References: Hede 1936, p. 30, lines 3-29 (contains list of fossils); Martinsson 1962, p. 51.

OIVIDE 1, CJ 3336 7903, ca. 3525 m N of Eskelhem church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry in the wood, ca. 120 m W of the road and ca. 130 m NW of the solitary house. For a detailed description, see Hede 1927a and 1960.

Slite Beds, Conchidium tenuistriatum Beds.

References: Hede 1927a, p. 28, lines 2-15; Hede 1960, Loc. 36, pp. 76-77 (contains list of fossils); Martinsson 1962, p. 49.

OJMUNDSBOD 1, CJ 3874 1826, ca. 1980 m ENE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure in the northern part of the small point, ca. 75 m SE of the house at Ojmundsbod.

Sundre Beds, lower part.

OLLAJVS 1, CJ 3746 2034, ca. 2525 m NNE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch section immediately SE of the road and dich intersection, ca. 160 m SE of the easternmost house at Ollajvs.

Hamra Beds, unit c.

OLSVENNE 1, CJ 3230 3126, ca. 2730 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section 0-50 m NW of the road just opposite of where the path (field road) from the Båtels area runs into the road south of St. Siglajvs.

Reference point: The road and ditch intersection.

Hemse Beds, Hemse Marl, uppermost part.

OLSVENNE 2, CJ 3277 3090, ca. 2700 m SSW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the path (field road) and 15 m NW of the road from Olsvenne towards the SW.

Eke Beds, lowermost part.

OLSVENNE 3, CJ 3226 3017, ca. 3600 m SSW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately SE of the road, ca. 2870 m NE of the triangulation point at Skåls. Olsvenne 3 is located at the cattle-grid in the field road (not marked on the topographical map sheet).

Eke Beds, lowermost part.

Note: The excavated material along the main road is outstanding for collecting algae.

ÖRTER 1, CJ 3960 6823, ca. 1870 m NW of Hejde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately S of the road, ca. 700 m SW of the house immediately NE of *Ö* in *Ö*rter.

Klinteberg Beds, lower part.

References: Mori 1970, p. 13, Loc. 66.

ÖSTERBY 1, CJ 6442 6972, ca. 6190 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Temporary ditch section immediately W of the road, ca. 135 m N of the northernmost house at Österby.

Hemse Beds, unit b.

References: Hede 1929, p. 28, lines 11-12.

ÖSTERGARNSHOLM 1, CJ 7767 6870, ca. 160 m N of the triangulation point in Östergarnsholm. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Cliff section at the north-facing cavity in the southwesternmost part of Aurviken.

Hemse Beds, unit d.

References: Hede 1929, p. 36, line 4 from below (reference to the islet in general).

ÖSTERGARNSHOLM 2, CJ 7901 6732, ca. 1860 m SE of the triangulation point in Östergarnsholm. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Low cliff at the west coast of Havudden, immediately N of the jetty (not marked on the topographical map sheet).

Hemse Beds, unit d.

References: Hede 1929, p. 36, line 4 from below (reference to the islet in general).

OTES 1, CJ 2882 1209, ca. 1950 m SSE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Low cliff section immediately E of the road, ca. 150 m S of the ancient monument south of Skoge.

Sundre Beds, middle part.

OTES 2, CJ 2896 1317, ca. 900 m SSE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry 15 m NW of the road, ca. 220 m ENE of the northernmost house at Otes and ca. 80 m NNE of the cross-roads.

Sundre Beds, lower part.

OTES 3, CJ 2886 1245, ca. 1570 m SSE of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry about 50 m ENE of the cross-roads south of Skoge.

Sundre Beds, middle part.

PETSARVE 1, CJ 4213 3792, ca. 1500 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Temporary excavation in a field, 20 m SW of the path and ca. 210 m SE of point 15,2 at Petsarve.

Eke Beds, middle-upper part.

Refereces: Martinsson 1962, p. 58.

PETSARVE 2, CJ 4212 3796, ca. 1450 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path), ca. 160 m SE of point 15,2 at Petsarve and ca. 100 m SE of the cattle-grid.

Eke Beds, middle-upper part.

PETSARVE 3, CJ 4227 3785, ca. 1630 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path) ca. 360 m SE of point 15,2 at Petsarve and ca. 300 m SE of the cattle grid.

Eke Beds, middle-upper part.

PETSARVE 4, CJ 4240 3771, ca. 1820 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path), ca. 560 m SE of point 15,2 at Petsarve and ca. 500 m SE of the cattle grid.

Eke Beds, middle-upper part.

PETSARVE 5, CJ 4250 3753, ca. 2010 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path), ca. 750 m SE of point 15,2 at Petsarve and ca. 700 m SE of the cattle grid.

Eke Beds, middle-upper part.

PETSARVE 6, CJ 4265 3738, ca. 2220 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path), ca. 950 m SE of point 15,2 at Petsarve and ca. 900 m SE of the cattle grid.

Eke Beds, middle-upper part.

PETSARVE 7, CJ 4275 3730, ca. 2350 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the field road (path), ca. 1100 m SE of point 15,2 at Petsarve and ca. 1100 m SE of the cattle grid.

Eke Beds, middle-upper part.

PETSARVE 8, CJ 4293 3721, ca. 2520 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately NE of the road (path), ca. 1270 m SE of point 15,2 at Petsarve and ca. 1300 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 9, CJ 4298 3713, ca. 2610 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the road (path), ca. 1390 m SE of point 15,2 at Petsarve and ca. 1400 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 10, CJ 4303 3704, ca. 2700 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 1475 m SE of point 15,2 at Petsarve and ca. 1500 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 11, CJ 4310 3694, ca. 2830 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 1580 m SE of point 15,2 at Petsarve and ca. 1600 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 12, CJ 4315 3684, ca. 2950 SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 1700 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 13, CJ 4322 3676, ca. 3040 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 1780 m SE of point 15,2 at Petsarve and ca. 1800 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 14, CJ 4328 3667, ca. 3150 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 1900 m SE of point 15,2 at Petsarve and ca. 1900 m SE of the cattle grid.

Eke Beds, middle - upper part.

PETSARVE 15, CJ 4333 3662, ca. 3230 m SE of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NE of the field road (path), ca. 2000 m SE of point 15,2 at Petsarve and ca. 2000 m SE of the cattle grid.

Eke Beds, middle - upper part.

PRÄSTBÅTELS 1, CJ 4640 7050, ca. 4325 m W of Vänge church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Section at the northern edge of ditch, ca. 2080 m SW of Viklau church. Follow the path (field road) from Prästbåtels towards NW until just S of the road and ditch intersection. Follow the other path towards WNW to the ditch. Prästbåtels 1 is located at the bridge abutment and comprises the distance 0-40 m W of it. For a detailed description, see Hede 1927a.

Reference point: The bridge-abutment.

Reference level: The boundary between Hede's local beds a and b.

Klinteberg Beds, lower part.

References: Hede 1927a, Fig. 15 shows the opposite and now inaccessible edge of the ditch, p. 44, line 21 - p. 46, line 18 (contains lists of fossils, reference to Prästbåtels 1-3).

PRÄSTBÅTELS 2, CJ 4635 7047, ca. 4374 m W of Vänge church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Section at the northern edge of ditch, ca. 2125 m SW of Viklau church. Follow the path (field road) from Prästbåtels towards NW to just S of the road and ditch intersection. Follow the other path towards WNW till the path ends at the ditch. Prästbåtels 2 is located 50 m W of the old bridge abutment and comprises the distance 40-110 m W of the abutment. For a detailed description, see Hede 1927a.

Reference point: The bridge abutment.

Reference level: The boundary between Hede's local beds b and c (1927a, p. 45).

Klinteberg Beds, lower part.

References: Hede 1927a, Fig. 15 shows the opposite and now inaccessible edge of the ditch, p. 44, line 21 - p. 46, line 18 (contains lists of fossils, reference to Prästbåtels 1-3).

PRÄSTBÅTELS 3, CJ 4627 7045, ca. 4475 m W of Vänge church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Section at the northern edge of ditch, ca. 2180 m SW of Viklau church. Follow the path (field road) from Prästbåtels towards NW to just S of the road and ditch intersection. Follow the other path towards WNW till the path ends at the ditch. Prästbåtels 3 is located 10 m E of the bend of the ditch. (ca. 150 m W of the bridge abutment) and comprises from ca. 40 m E to 20 m WSW of the bend. For a detailed description, see Hede 1927a.

Reference point: The bend of the ditch.

Reference level: The boundary between Hede's local beds c and d (1927a, pp. 45-46).

Klintebergs Beds, lower part.

References: Hede 1927a, p. 44, line 21 - p. 46, line 18 (contains lists of fossils, reference to Prästbåtels 1-3).

PUTTARSJAUS 1, CK 8049 0769, ca. 5925 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section west of the road, ca. 260 m N of the northwesternmost house at Lergrav. Puttarsjaus 1 is located in the cliff east of the giant arch-formed sea stack.

Slite Beds, unit g.

References: Martinsson 1962, p. 52.

PUTTARSJAUS 2, CK 8043 0742, ca. 6075 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section W of the northwesternmost house at Lergrav. Puttarsjaus 2 is located ca. 40 m SSW of the old lime-kiln. Fig. 19.

Slite Beds, unit g.

RÅGÅKRE 1, CJ 3889 6702, ca. 2150 m NW of Hejde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry immediately W of the road, ca. 700 m N of the northern house at Rågåkre. For a detailed description, see Hede 1927a.

Klinteberg Beds, lower part.

References: Hede 1927a, p. 42, lines 3-10 from below.

RAMMTRÄSK 1, CJ 4430 5605, ca. 1940 m ENE of Lojsta church. Topograpical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Inland cliff section, ca. 60 m NNW of the solitary house S of the lake (Ramm-

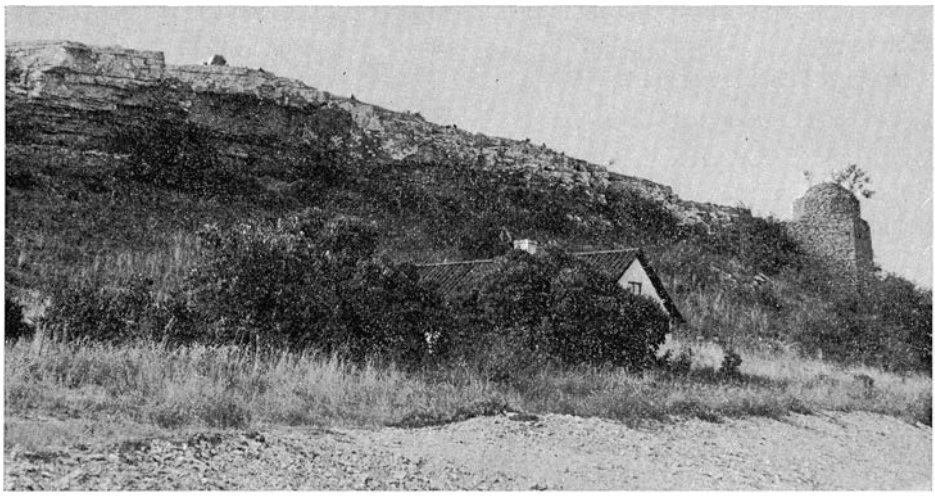

Fig. 19. Puttarsjaus 2.

träsk). There is a field road (not marked on the topographical map sheet) to the solitary house from the road SSE of Broträsk.

Hemse Beds, lower-middle part.

References: van Hoepen 1910, Pl. 3; Hede 1927b, p. 31, lines 4-5 from below.

RANGSARVE 1, CJ 4362 5206, ca. 1570 m ENE of Linde church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Road section immediately NW of the road and just opposite the ancient monument, ca. 150 m W of point 33,84.

Hemse Beds, upper part.

References: Mori 1970, p. 23, Loc. 125.

REMBS 1, CJ 3384 1356, ca. 5370 m E of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Inland cliff, ca. 840 m SSE of point 15,97 at Austre. Rembs 1 is located ca. 120 m W of the field road and ca. 15 m N of the glade.

Sundre Beds, middle part.

References: Munthe 1921, p. 67, lines 5-6 from below (reference to the area in general).

RIVET 1, CJ 2505 1193, ca. 4090 m WSW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure in the path (field road), ca. 520 m SSW of point 22,23 at Hoburgen.

Hamra Beds, lower part.

ROBBJÄNS KVARN 1, CJ 3277 6280, ca. 930 m WSW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch section ca. 60 m WNW of the road and ditch intersection at Robbjäns. The locality is located ca. 20 m W of the small house (not marked on the topographical map sheet) in the garden NE of the ditch. Robbjäns Kvarn 1 comprises the distance 0-100 m SW of the bridge.

Reference point: The northwestern edge of the bridge at the major road.

Slite Beds, Slite Siltstone.

References: Hede 1927a, p. 31, line 4 from below.

ROBBJÄNS KVARN 2, CJ 3285 6276, ca. 870 m WSW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch section immediately ESE of the road and ditch intersection at Robbjäns. Robbjäns Kvarn 2 comprises the distance 0-35 m ESE of the bridge.

Reference point: The southeastern edge of the bridge at the main road.

Reference level: The Slite-Halla boundary.

Slite Beds, Slite Siltstone, *Halla Beds and Mulde Beds.*

References: Hede 1927a, p. 31, line 5 from below, p. 33, lines 9-13.

ROES 1, CJ 3689 2486, ca. 690 m E of Öja church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Excavation in the field, ca. 70 m SSW of the field road and ca. 90 m ESE of the house at Roes.

Hamra Beds, unit b.

RONEHAMN 1, CJ 4831 3957, ca. 5030 m SE of Rone church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Excavation of the harbour in 1966. Section in the northernmost part of the harbour, ca. 15 m from the oil storage tanks at the warehouse.

Reference point: The northernmost point of the harbour.

Reference level: The concrete surface of the wharf.

Eke Beds and Burgsvik Beds.

References: Hede 1925, p. 29, line 3 from below - p. 30, line 2 (reference to the area in general).

RONNINGS 1, CJ 4140 3610, ca. 2440 m S of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately E of the road and ditch intersection, ca. 140 m SSW of point 15,56 at Ronnings.

Eke Beds, upper part.

References: Martinsson 1962, p. 58.

RONNINGS 2, CJ 4131 3688, ca. 2470 m S of Eke church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure ca. 180 m SSW of point 15,56 at Ronnings. Ronnings 2 is located at the first bend of the ditch, ca. 50 m WSW of the road and ditch intersection.

Burgsvik Beds, lowermost part.

ROVALDS 1, CJ 4112 3483, ca. 1850 m ESE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry immediately NW of the field road, ca. 140 m NE of the four-road cross N of Rovalds. Rovalds 1 is located ca. 70 m WSW of the house at the field road. It is the quarry S of *e* in Lund*e* on the geological map sheet.

Reference point: Southwestern wall of the quarry.

Reference level: Base of the micaceous, silty bed (8 cm thick) above the basal sandstone bed (55 cm +).

Burgsvik Beds, uppermost part.

ROVALDS 2, CJ 4148 3447, ca. 2310 m ESE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry NE of the road, ca. 570 m NE of the house immediately southeast of *s* in Roval*d*s. Rovalds 2 is located ca. 50 m ENE of the house and very close to the edge of the wood.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

ROVALDS 3, CJ 4183 3430, ca. 2690 m ESE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry NE of the road, ca. 750 m ENE of the house immediately SE of *s* in Roval*d*s. Rovalds 3 is located at the edge of the wood, ca. 35 m NE of the odd (sic) house.

Reference level: The Burgsvik-Hamra boundary.
Burgsvik Beds and Hamra Beds.

SALLMUNDS 1, CJ 3666 1611, ca. 2040 m S of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure in the path, ca. 375 m ENE of the northeasternmost house at Sallmunds.

Sundre Beds, lower-middle part.

SALLMUNDSUDD 1, CJ 3738 1532, ca. 2890 m SSE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure in the bight, ca. 1250 m ENE of point 5,60 at Suders. Sallmundsudd 1 is located at the contact between the biohermal and bedded limestones.

Sundre Beds, middle part.

SAMSUGNS 1, CK 6186 0025, ca. 4180 m ESE of Tingstäde church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 169 Slite.

Quarry section ca. 3125 m W of point 23,12 (N of Dyhagen). The quarry is marked on the topographical map sheet.

Slite Beds, unit g.

SAMSUGNS 2, CK 6249 0015, ca. 4790 m ESE of Tingstäde church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 169 Slite.

Water hole, ca. 40 m S of the road, ca. 2490 m W of point 23,12 (N of Dyhagen).

Slite Beds, unit g.

SAMSUGNS 3, CK 6346 0013, ca. 5710 m ESE of Tingstäde church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 169 Slite.

Low road section immediately S of the road, ca. 1520 m W of point 23,12 (N of Dyhagen).

Slite Beds, unit g.

SANDARVE 1, CJ 4007 5157, ca. 1520 m NNE of Fardhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

The NNE-facing part of the inland cliff Sandarve Kulle, ca. 100 m WSW of the western part of the large rectangular building W of the road.

Hemse Beds, upper part.

References: Martinsson 1962, p. 54; Boucot & Johnson 1967a, p. 88.

SANDARVE 2, CJ 3989 5116, ca. 1100 m N of Fardhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

The SSW-facing part of the inland cliff Sandarve Kulle, ca. 50 m SE of the ancient monument at the southwesternmost part of the hill. There is a path (not marked on the topographical map sheet) from the road SW of the sawmill to the southern part of the hill.

Hemse Beds, upper part.

References: Hede 1927b, p. 33, line 26 - p. 34, line 19 (contains list of fossils of the biohermal limestone of Sandarve Kulle in general); Hedström 1923, p. 15.

SANDARVE 3, CJ 4009 5148, ca. 1450 m NNE of Fardhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Loose boulders on the eastern slope of Sandarve Kulle, ca. 130 m SSW of the western part of the large rectangular building W of the road. The boulders come from the biohermal limestone in the northeastern part of the hill.

Hemse Beds, upper part.

SIBBJÄNS 1, CJ 3211 2084, ca. 5380 m NW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch excavation immediately N of the road, ca. 120 m ENE of the westernmost house at Sibbjäns. The locality is at the culvert.

Hamra Beds, unit b.

SIBBJÄNS 2, CJ 3298 2058, ca. 3225 m NNE of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure 20 m E of the road, ca. 230 m NNE of point 11,04 at Petsarve. Sibbjäns 2 is located in the field road (not marked on the topographical map sheet) just opposite the drive to the solitary house SE of Sibbjäns.

Hamra Beds, unit b.

SIGFRIDE 1, CK 7846 1076, ca. 2290 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation 25 m NE of the road, ca. 100 m SE of the cross-roads at Sigfride.

Slite Beds, Slite Marl, northwesternmost part.

SIGSARVE 1, CJ 0000 0000, ca. 770 m N of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Dumped rock material immediately NE of the road, ca. 220 m SE of the windmill at Sigsarve. The dump is at CJ 3424 3394.

Eke Beds, lower part.

SIGVALDE 1, CJ 5140 5829, ca. 2120 m ENE of Etelhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Inland cliff, ca. 275 m ESE of point 39,5 and ca. 30 m S of Sigvaldeträsk.

Hemse Beds, lower-middle part.

References: Hede 1925, p. 16, line 4 from below - p. 18, line 2; Martinsson 1962, p. 56.

SINNARVE 1, CJ 3292 7493, ca. 600 m S of Eskelhem church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 160 Klintehamn.

Low ditch section at the northern side of the ditch, ca. 410 m WNW of the road and ditch intersection S of Simonarve. For a detailed description, see Hede 1960.

Slite Beds, Conchidium tenuistriatum Beds.

References: Hede 1921, p. 40, line 23 - p. 41, line 8 (contains a detailed list of fossils); Hede 1927a, Fig. 12, p. 28, line 23; Hede 1942, Loc. 10; Hede 1960 Loc. 35, p. 76; Martinsson 1962, p. 49; Boucot & Johnson 1967a, p. 95 (loc. 500 yards S of church in Eskelhem).

SION 1, CJ 3662 8417, ca. 1760 m SE of Västerhejde church. Topograpical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure ca. 20 m S of the road, ca. 350 m W of the cross-roads at Sion.

Slite Beds, Conchidium tenuistriatum Beds.

References: Hede 1940, p. 51, lines 1-14 from below (contains list of fossils).

SKÅLS 1, CJ 3118 2885, ca. 5300 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch section immediately W of the cross-roads, ca. 720 m NE of the triangulation point at Skåls.

Eke Beds, lowermost part.

SKÅNE 1, CJ 7376 6838, ca. 2930 m NE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Shore exposure, ca. 200 m NW of the point (Skåne) E of Grogarn.

Hemse Beds, unit c.

References: Hede 1929, p. 31, line 8 (reference to the area in general); Martinsson 1962, p. 55.

SKRADARVE 1, CJ 4060 3569, ca. 1150 m ENE of Grötlingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately N of the road and WNW of the house, ca. 200 m E of point 18,81 at the windmill.

Hamra Beds, unit a.

SKYMNINGS 1, CK 7571 1807, ca. 2340 m NE of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation immediately SE of the path, ca. 310 m NE of the northern house at Nors.

Slite Beds, unit a.

References: The locality is almost identical with that in Hede 1933, p. 32, lines 6-10 from below (contains list of fossils).

SLÄTTFLIS 1, CJ 3898 8753, ca. 3950 m NE of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Abandoned quarry, ca. 330 m SE of the house close to the ancient monument E of Langshage. Slättflis 1 is located in the wood, ca. 70 m S of the southernmost part of the slight bend of the field road.

Slite Beds, Conchidium tenuistriatum Beds.

SLITEBROTTET 1, CJ 6868 9903, ca. 575 m N of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

The old marlstone quarry at the cement factory of Slite. Slitebrottet 1 comprises the entire quarry inside the fence and east of the main road (Solklintsvägen). Fig. 20.

Reference point: The eastern entrance of the southern tunnel ca. 115 m NNE of the place where the minor road runs into the main road (Solklintsvägen).

Reference level: The upper edge of the drain at the eastern entrance of the southern tunnel. The reference level is located 26.4 m below sea level.

Slite Beds, Slite Marl and unit g.

References: Hede 1960, Loc. 16 *pars,* p. 63, line 2 from below — p. 64, line 18 (contains list of fossils); Eisenack 1962a, p. 294, last line; Martinsson 1962, p. 50 (Locality Slite I); Eisenack 1963a, p. 129, line 20, Pl. 2, fig. 13; Eisenack 1963b, Fig. 6; Eisenack 1964a, pp. 310-311, Locs. 2, 3, 31, 33, 34, 55; Eisenack 1966a, p. 586, Fig. 7; Eisenack 1966b, Pl. 29, figs. 1, 5, Pl. 30, fig. 1, Pl. 32,

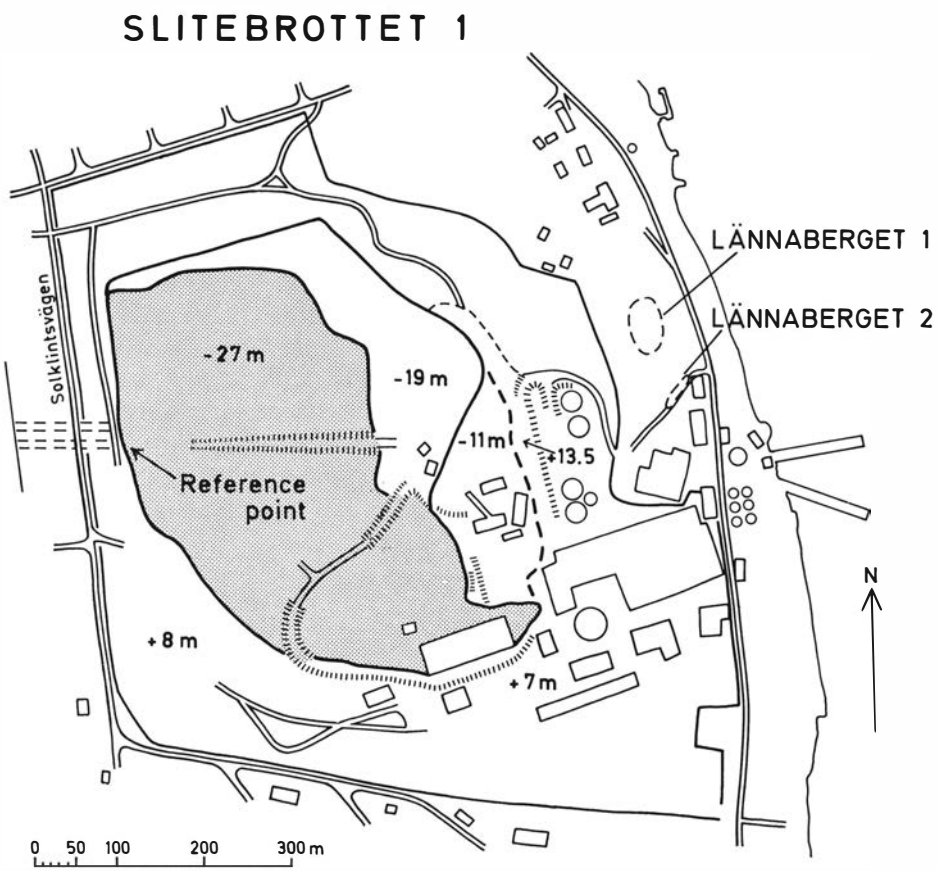

Fig. 20. Slitebrottet 1. The locations of Lännaberget 1 and 2 have been marked also.

fig. 7; Eisenack 1967a, p. 261, lines 1-2 from below, Pl. 27, figs. 8-10; Eisenack 1968b, Pl. 29, fig. 6; Manten 1971, Figs. 157-158; Walmsley & Boucot 1971, p. 499.

SLITEBROTTET 2, CJ 6855 9904, ca. 600 m NNW of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

The new marlstone quarry (not marked in the map sheets) inside the fence and to the west of the main road (Solklintsvägen). Fig. 21.

Reference point: The western entrance of the southern tunnel ca. 140 m NNW of the place where the minor road runs into the main road (Solklintsvägen).

Reference level: The upper edge of the drain at the western entrance of the southern tunnel. The reference level is 26.0 m below sea level.

Slite Beds, Slite Marl.

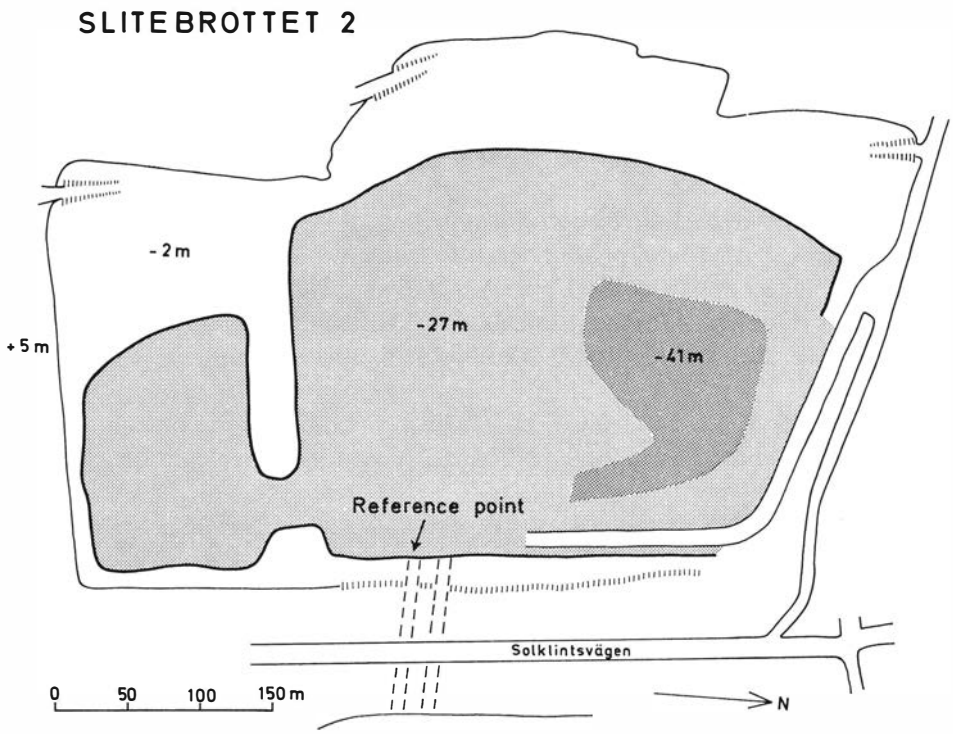

Fig. 21. Slitebrottet 2. The map shows the quarry in 1973.

SMISS 1, CJ 3801 5405, ca. 1240 m WNW of Gerum church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 164 Hemse.

Temporary excavation for a sewer, ca. 25 m NE of the road and ca. 100 m E of point 33,94 at Smiss.

Klinteberg Beds, Klinteberg Marl, top.

SMOJGE 1, CJ 2317 5702, ca. 770 m NW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff at the shore immediately SE of the concrete plinth (used as landing-place) at Smojge.

Reference point: The plinth.

Halla Beds, lower part.

SNÄCKGÄRDSBADEN 1, CJ 4080 9500, ca. 1140 m WSW of Väskinde church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Road section at "Södra backen" from the bend of the road to the cross-roads towards the SSW. For a detailed description and photographs, see Hede 1940, 1960.

Reference point: The southernmost of the three bioherms.

Reference level: The boundary between the Upper Visby Beds and the Högklint Beds.

Upper Visby Beds and Högklint Beds, unit a.

References: Hede 1940, p. 18, lines 1-24, Figs. 4-5 (contains list of fossils of the biohermal limestone of the Upper Visby Beds); Hede 1960, Loc. 3, p. 55; Martinsson 1962, p. 47; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4953; Manten 1971, Figs. 16-17 (drawings of two of the three bioherms).

SNAUVALDS 1, CJ 3482 3941, ca. 2370 m S of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch section immediately SW of the road and ditch intersection ca. 1020 m WSW of the house at Snauvalds.

Hemse Beds, Hemse Marl, northwestern part.

SNODER 1, CJ 3215 4779, ca. 2450 m NV of Silte church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Drainage ditch section at the place where the small ditch from north runs into the main ditch, ca. 340 m NE of point 16,65 N of Snausarve.

Hemse Beds, Hemse Marl, northwestern part.

References: Martinsson 1962, p. 54; Eisenack 1964a, Pl. 29, figs. 1-3; Martinsson 1967, p. 368, line 1.

SNODER 2, CJ 3130 4726, ca. 2510 m WNW of Silte church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Drainage ditch section immediately SW of the ditch and road intersection, ca. 400 m E of the southeasternmost house at Snoder.

Hemse Beds, Hemse Marl, northwestern part.

References: Hede 1927b, p. 26, line 23 from below - p. 27, line 5 (contains list of fossils); Mori 1970, p. 23, Loc. 131.

SPILLINGS 1, CK 6665 0013, ca. 2650 m NW of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Inland cliff section 15 m W of the bend of the road, ca. 300 m ENE of the triangulation point at Klints backar.

Slite Beds, unit g.

References: Martinsson 1962, p. 52.

SPILLINGS 2, CJ 6672 9973, ca. 2370 m NW of Slite church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 169 Slite.

Entrance wall of limestone quarry, ca. 435 m SE of the triangulation point at Klints backar. Spillings 2 comprises the entire quarry but owing to the inaccessibility of the walls of the quarry, the entrance section is chosen as the bearer of the name of the locality. The entrance is located ca. 50 m N of the field.

Reference point: The southern wall at the eastern part of the entrance to the quarry.

Slite Beds, unit g.

References: Hede 1928, p. 24, lines 3-8 from below (reference to the area in general).

STAVE 1, CJ 4557 8203, ca. 1630 m ENE of Akebäck church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section at the intersection between the ditch and the path ca. 75 m W of the main road. Stave 1 comprises the distance 0-350 m NW of the intersection. For a detailed description, see Hede 1940.

Reference point: The intersection between ditch and path.

Slite Beds, Slite Marl, central part.

References: Hede 1940, p. 59, line 19 from below - p. 60, line 22 (contains list of fossils); Martinsson 1962, p. 50.

STAVE 2, CJ 4530 8244, ca. 1575 m NE of Akebäck church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch running parallel with and ca. 125 m SW of the main road, ca. 70 m S of the wood and ca. 40 m S and SE of the two black dots.

Slite Beds, Slite Marl.

References: Hede 1940, p. 59, lines 12-19 from below.

STENSTUGÅRDS 1, CJ 4614 7170, ca. 1450 m WSW of Viklau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Abandoned and partly water-filled quarry immediately NW of the road, ca. 160 m SW of point 43,14.

Klinteberg Beds, lower part.

References: Hede 1927a, p. 42, line 2 from below - p. 43, line 4 from below.

STORA BANNE 1, CK 6843 0947, ca. 2185 m NNW of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Inland cliff section immediately W of the road, ca. 590 m N of the house W of the road at Simunds.

Slite Beds, unit g, base.

References: Martinsson 1962, p. 49.

STORA BANNE 2, CK 6832 0994, ca. 2650 m NNW of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Quarry W of the road, ca. 1070 m N of the house W of the road at Simunds. Stora Banne 2 is the northern of the two quarries marked on the geological map sheet. For a detailed description, see Hede 1960.

Slite Beds, unit g, lower part.

References: Hede 1933, p. 42, lines 5-12 from below (contains list of fossils); Hede 1960, Loc. 15 *pars,* p. 63, lines 18-28.

STORA BANNE 3, CK 6832 0987, ca. 2580 m NNW of Lärbro church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Quarry W of the road, ca. 1000 m N of the house W of the road at Simunds. Stora Banne 3 is the southern of the two quarries marked on the geological map sheet. For a detailed description, see Hede 1960.

Slite Beds, unit g, lower part.

References: Hede 1933, p. 42, line 4 from below - p. 43, line 4 (contains list of fossils); Hede 1960, Loc. 15 *pars,* p. 63, lines 4-19 from below.

STORA HAJSLUNDS 1, CJ 3663 3772, ca. 1925 m SW of Havdhem church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch excavation immediately SE of the road, ca. 425 m ENE of point 18,2 at Sigers.

Eke Beds, lowermost part.

STORA MYRE 1, CK 5078 0200, ca. 1610 m S of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Surface exposure, ca. 370 m WSW of the southwesternmost house at St. Myre. Immediately N of the southwesternmost house there is a field road (not marked on the topographical map sheet) which passes the locality closely.

Slite Beds, unit d.

References: Hede 1940, p. 48, lines 10-11; Martinsson 1962, p. 49; Boucot & Johnson 1967a, p. 95 (USNM loc. 10083); Martinsson 1967, p. 363, line 8.

STORA SIGLAJVS 1, CJ 3268 3175, ca. 2120 m SW of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately SE of the road, ca. 150 m SW of the place where the road from St. Siglajvs runs into the road east of that settlement.

Eke Beds, lowermost part.

STORA SOLBJÄRGE 1, CJ 3497 5970, ca. 3620 m SSE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Section immediately E of the new road, ca. 540 m S of point 49,4 at St. Solbjärge. Stora Solbjärge 1 comprises the section 75-150 m south of where the small road runs into the new main road.

Klinteberg Beds, upper part.

Note: The new road is not marked in the older editions of the topographical map sheet.

STORA SOLBJÄRGE 2, CJ 3500 6029, ca. 3100 m SSE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Section immediately W of the road, ca. 40 m N of point 49,4 at St. Solbjärge. Stora Solbjärge 2 comprises the section 40-115 m north of point 49,4.

Klinteberg Beds, upper part.

STORA TUNE 1, CJ 4491 7115, ca. 2800 m WSW of Viklau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately S of the road, ca. 410 m ENE of point 45,34.

Klinteberg Beds, lower part.

STORA VEDE 1, CJ 4430 8821, ca. 2875 m NNE of Follingbo church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Section immediately SW of the former railway, ca. 120 m NNE of the northeasternmost house at St. Vede. The locality is located ca. 75 m SE of the bridge.

Slite Beds, unit g.

References: Hedström 1917, pp. 13, 15, 21 (Haltestelle Storvede im Eisenbahnprofil); Hede 1940, p. 58, lines 12-39 (contains list of fossils).

STORA VIKARE 1, CJ 4723 7431, ca. 4100 m SW of Halla church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Inland cliff facing NNE, ca. 460 m NW of the windmill at St. Vikare. Stora Vikare 1 is located ca. 190 m WNW of the northwesternmost house at St. Vikare and 10 m from the edge of the wood and just below the highest point of the hill.

Halla Beds, unit b.

References: Hede 1927a, p. 34, lines 8-10 from below, p. 34, line 2 from below - p. 35, first line.

STORA VIKARE 2, CJ 4702 7424, ca. 4310 m SW of Halla church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 160 Klintehamn.

Shallow excavation in the sloping meadow, ca. 380 m W of the northwesternmost house at St. Vikare. The locality is located ca. 15 m S of the edge of the wood. For a detailed description, see Hede 1927a.

Halla Beds, unit b.

References: Hede 1927a, p. 35, lines 1-6 (contains list of fossils).

STORBURG 1, CJ 2499 1224, ca. 4020 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Cliff section ca. 50 m N of the southwesternmost part of the hill, ca. 280 m SW of point 22,23 at Hoburgen.

Reference point: The cliff shown in Fig. 19, Munthe 1910, and Fig. 33, Munthe 1933.

Reference level: The Burgsvik-Hamra boundary (see Munthe's figures).

Burgsvik Beds, Hamra Beds and Sundre Beds.

References: Munthe 1910, Figs. 19, 21, 23, p. 1424, line 4 - line 7 from below; Munthe 1921, Figs. 33, 34, 36, p. 51, line 11 from below - p. 55, line 14; Hede 1960, Loc. 47 *pars,* p. 84 - p. 85, line 7 from below (contains lists of fossils); Martinsson 1962, pp. 58-59 (Martinsson's locality Hoburgen Ia).

STORBURG 2, CJ 2512 1230, ca. 3850 m SW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry in the northernmost part of Storburg (marked as Hoburgen on the topographical map sheet), ca. 150 m SW of point 22,23 at Hoburgen.

Sundre Beds, upper part.

References: Hede 1960, Loc. 47 *pars,* p. 86, lines 12-14 from below; Martinsson 1962, p. 59 (Martinsson's Hoburgen Ib, MS 106, 166, 200, 325, 337).

STORMS 1, CJ 3629 1710, ca. 1130 m SSW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch exposure immediately NW of the road, ca. 160 m SW of point 5,62 at Storms. Storms 1 is located at the culvert, ca. 15 m from the windmill.

Sundre Beds, lower part.

STORMS 2, CJ 3622 1707, ca. 1210 m SSW of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry 50 m W of the road and ca. 250 m SSW of point 5,62 at Storms. The quarry is marked on the geological map sheet.

Sundre Beds, lower part.

References: Munthe 1921, p. 61, lines 2-4.

STORMYR 1, CK 7939 0983, ca. 3670 m SE of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch excavation, ca. 120 m ESE of the sharp bend of the ditch.

Slite Beds, Slite Marl, northwestern part.

STORUGNS 1, CK 7042 1217, ca. 6350 m W of Rute church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Quarry, ca. 310 m NNW of point 28,3 at Storugns. For a detailed description, see Hede 1960.

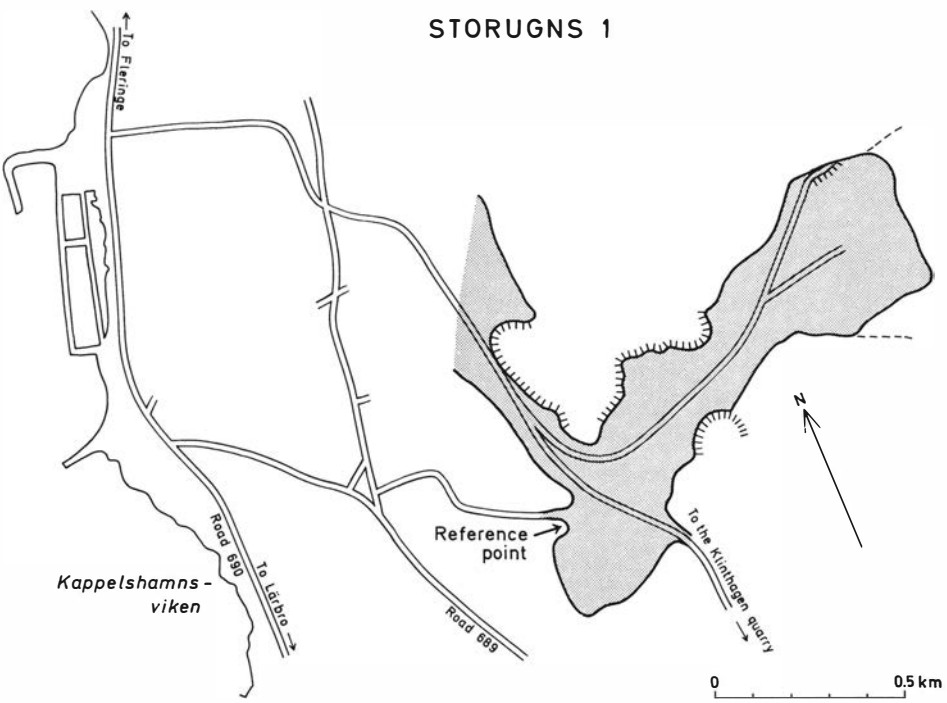

Fig. 22. Storugns 1. The map shows the quarry in 1974. The dashed lines in the east show the direction in which the quarrying will proceed. The map is schematic and all buildings are omitted.

Reference point: Quarry wall immediately S of where the road from NW runs into the quarry. Fig. 22.

Reference level: The boundary between units e (1.5 m +) and g (8 m +).

Slite Beds, units e and g.

References: Hede 1933, Fig. 38, p. 39, lines 9-26 (contains list of fossils); Hadding 1956, Figs. 10-11; Hede 1960, Loc. 14, pp. 62-63 (contains list of fossils).

STRANDAKERSVIKEN 1, CK 8579 2275, ca. 4025 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Surface exposure ca. 25 m E of the western shore of the small point, ca. 400 m SSW of the house marked Fiskestuga.

Reference level: The boundary between Högklint and Slite Beds.

Högklint Beds and Slite Beds, units c of both.

References: Hede 1936, p. 19, line 12 from below.

STRANDS 1, 3383 2316, ca. 5930 m NNE of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch excavation immediately NW of the road, ca. 110 m WNW of point 4,70 northeast of Strands. The locality is located close to the southwestern edge of the wood. There is a new road (not marked on the maps) to a dump. This road runs towards the northwest between Strands 1 and the edge of the wood.

Hamra Beds, unit b.

STUTSVIKEN 1, CK 8487 2197, ca. 4720 m WNW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Cliff section at the shore ca. 525 m NE of the triangulation point NE of N. gattet. Ca. 600 m SE of the N tip of Hällagrund on the geological map sheet.

Reference level: The boundary between Högklint and Slite Beds.

Högklint Beds and Slite Beds, units c of both.

References: Hede 1936, p. 19, lines 13-28 (contains list of fossils of the lowermost part of the Slite Beds).

SUDERS 1, CJ 3611 1486, ca. 3310 m S of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Ditch section 10 m SE of the road and ditch intersection, ca. 180 m SSW of point 5,60 at Suders.

Sundre Beds, middle part.

SUDERSLÄTT 1, CJ 2329 5575, ca. 600 m SSW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section ca. 70 m N of the ancient monument (R on the map) in the southernmost part of Lilla Karlsö.

Klinteberg Beds, lower part.

SUNNKYRKE 1, CJ 5627 5099, ca. 660 m SW of Lau church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Abandoned quarry immediately NW of the road, ca. 170 m SW of the southernmost house at Sunnkyrke. Just N of the locality there is an ancient monument and just opposite of the locality there is a field-road (not marked on the topographical map sheet) which runs into the major road. For a detailed description, see Manten 1971.

Eke Beds, lower part.

References: Hede 1925, Fig. 16 (photograph of the locality), p. 28, lines 3-6; Manten 1971, pp. 387-388, Figs. 198-200 (with a drawing of the locality).

SUTARVE 1, CJ 6452 7000, ca. 6360 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure in the meadow, ca. 50 m S of the road and ca. 150 m W of the house at Sutarve. Sutarve 1 is located close to the heap of stones.

Reference level: The Klinteberg-Hemse boundary.

Klinteberg Beds and Hemse Beds, unit f and lower part, respectively.

References: Hede 1929, p. 23, lines 18-21.

SUTARVE 2, CJ 6460 7000, ca. 6300 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Ditch excavation, ca. 75 m SSE of the road and ca. 75 m WSW of the house at Sutarve.

Hemse Beds, lower part.

SUTARVE 3, CJ 6440 6996, ca. 6400 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Water hole, ca. 60 m S of the road and ca. 275 m WSW of the house at Sutarve.

Klinteberg Beds, upper part.

References: Hede 1929, p. 23, lines 16-18.

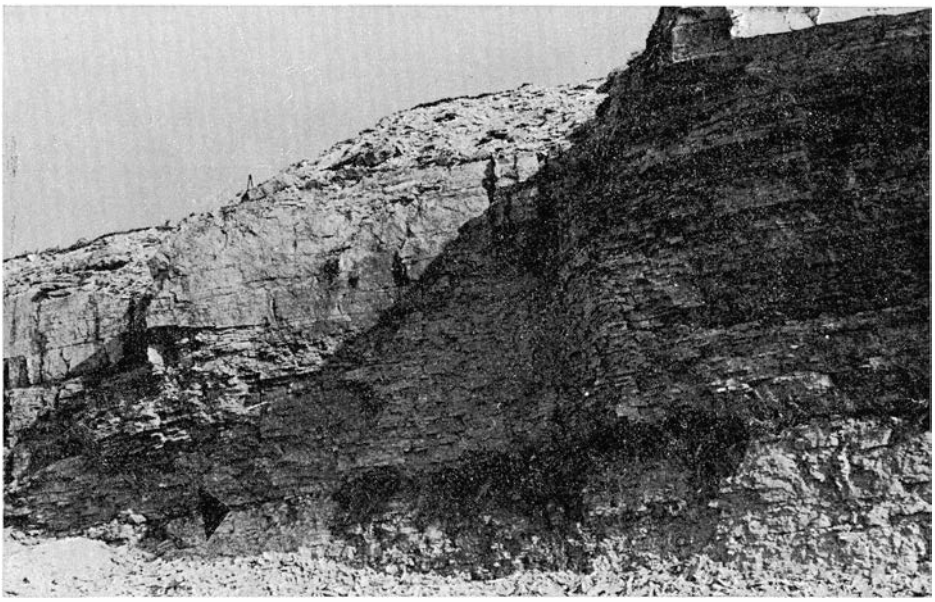

Fig. 23. Svarven 1. The arrow points at the reference level.

SVARVARE 1, CJ 3172 6255, ca. 2020 m WSW of Klinte church. Topographical map sheet 6 I Roma SO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure immediately E of the main road at the ditch and road intersection NNW of Svarvare.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds and Slite Siltstone.

References: Hede 1917 (a detailed investigation on stratigraphy and palaeontology of the beds immediately below the Slite Siltstone); Hede 1927a, p. 30, line 9 from below - p. 31, line 21, p. 31, lines 3-4 from below; Hede 1942, Loc. 4 a; Martinsson 1962, p. 52; Walmsley & Boucot 1971, p. 499 ("canal bank on main road 2 km west and slightly to the south of Klinte Church").

SVARVEN 1, CK 7242 2196, ca. 5880 m NNW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Cliff section, ca. 2250-2500 m NNE of the triangulation point at Bläse. For a detailed description, see Hede 1933.

Reference level: The thickest bentonite bed which is marked by a thin zone of vegetation. The boundary between Hede's local beds a and b is located ca. 0.5 m above this bentonite bed. Fig. 23.

Högklint Beds, unit b.

References: Hede 1933, p. 21, line 14 from below - p. 22, line 34 (contains lists of fossils from the measured section); Martinsson 1967, p. 364, line 7 from below (Martinsson's locality Svarvarhuk).

TALINGS 1, CK 7896 0848, ca. 4890 m NE of Hellvi church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Low cliff section immediately E of the road, ca. 635 m SSE of point 15,10 west of Talings.

Reference point and level: Marked in yellow.

Slite Beds, unit g.

References: Hede 1933, p. 45, lines 12-13 (reference to the area in general).

TÄNGLINGS 1, CJ 5000 5626, ca. 1790 m SSE of Etelhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Road section immediately E of the road and N of the house immediately SW of *N* in *N*yhagetorp.

Hemse Beds, lower-middle part.

References: Hede 1925, p. 20, lines 19-23; Martinsson 1962, p. 56 (Martinsson's locality has been destroyed by construction of the new road. Tänglings 1 is located 10-20 metres from Martinsson's locality and is stratigraphically equivalent).

TÄNGLINGS 2, CJ 5008 5664, ca. 1420 m SSE of Etelhem church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 156 Ronehamn.

Road section immediately E of the road, ca. 420 m S of the place where the road from Garda runs into the main road at Etelhem. The locality is equivalent to the quarry marked on the geological map sheet. The quarry was located where the road runs now.

Hemse Beds, lower-middle part.

References: Hede 1925, p. 18, lines 10-15 from below (the destroyed quarry); Mori 1970, p. 22, Loc. 122.

TÄRNÅRDEN 1, CJ 3967 1878, ca. 2980 m ENE of Hamra church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Shore exposure in the small bay, ca. 320 m SW of the end of the path at Aurriv. Tärnården 1 is located in the prolongation of the path before its sharp bend at Tärnården.

Sundre Beds, lower part.

TINGS 1, CJ 5935 6850, ca. 3480 m WSW of Kräklingbo church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately NW of the road at point 26,52. For a detailed description, see Hede 1929.

Klinteberg Beds, unit f.

References: Hede 1929, p. 23, lines 25-33; Mori 1970, p. 17, Loc. 78.

TIPPSARVE 1, CJ 3670 6580, ca. 4070 m NE of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry at the southeastern bend of the road, ca. 370 m WSW of the northeasternmost house at Tippsarve.

Klinteberg Beds, lower part.

TJÄNGDARVE 1, CJ 4375 4771, ca. 2560 m NE of Hemse church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Ditch exposure immediately SW of the main road and immediately E of the field road, ca. 60 m SE of point 24,1 at Tjängdarve.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 55.

TJAUTET 1, CJ 4377 9172, ca. 3770 m WNW of Hejdeby church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 183 Visby & Lummelunda.

Quarry section, ca. 210 m E of point 65,04. For a detailed description, see Hede 1940 and 1960. There is a measured and marked section in the southeastern corner of the quarry.

Reference point: Southeastern corner of the quarry.

Reference level: The boundary between units e and g, ca. 4.5 m above base of the section.

Slite Beds, upper part of unit e and lower part of unit g. The *Conchidium tenuistriatum* Beds are lacking here.

References: Hede 1940, p. 50, line 10 from below - p. 51, line 4; Hede 1960, Loc. 8, pp. 58-59 (contains list of fossils); Mori 1968, p. 31, Loc. 52.

TJELDERSHOLM 1, CJ 6727 9018, ca. 6100 m SSE of Boge church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Cliff section at the small point, ca. 125 m E of the easternmost house at Tjälderholm. For a detailed description, see Hede 1928.

Reference point: The easternmost, protruding part of the cliff on the shore. Fig. 24.

Reference level: The boundary between the bluish grey (a) and brownish grey (b) beds described by Hede (1928). The boundary is exposed in the lower part of the cliff facing SE.

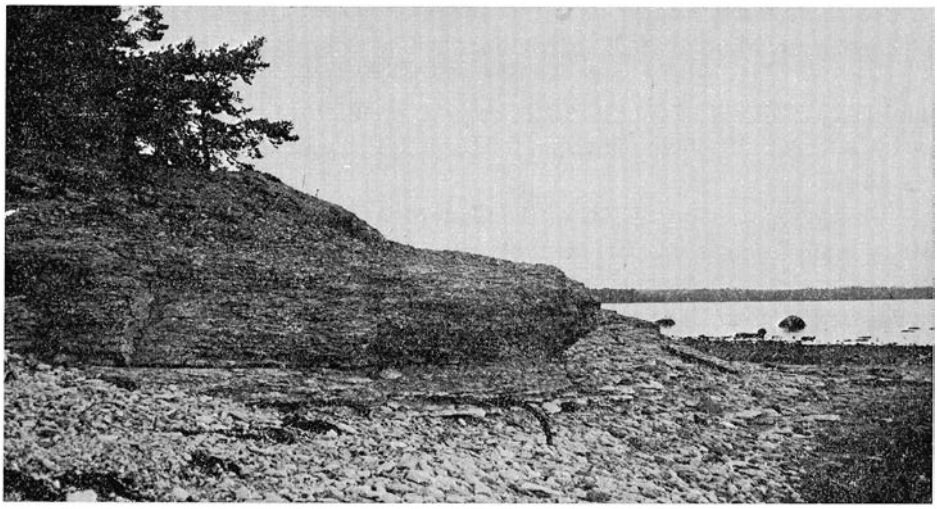

Fig. 24. Tjeldersholm 1. Photograph of the reference point with an arrow pointing at the reference level.

Slite Beds, Pentamerus gotlandicus Beds - *Atrypa reticularis* Beds.

References: Hede 1928, p. 31, line 15 - p. 32, line 12 from below (contains lists of fossils of the measured section); Martinsson 1967, p. 364, lines 8-10 from below (Martinsson's locality Tjelders).

TJULS 1, CJ 3480 7156, ca. 3140 m NNE of Sanda church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure between the bend of ditch and the northwesternmost tip of the wood, ca. 375 m SE of the southeasternmost house in Tjuls.

Slite Beds, Slite Marl, middle part.

TOMSARVE 1, CJ 3433 3373, ca. 570 m N of Näs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Water hole in the meadow, NNE of point 7,5 at the four-road cross N of Näs. Tomsarve 1 is located ca. 50 m from the telephone kiosk.

Eke Beds, lower part.

TORE 1, CJ 2820 1469, ca. 790 m NW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Surface exposure, ca. 75 m SW of the windmill at Tore.

Reference level: The Hamra-Sundre boundary.

Hamra Beds and Sundre Beds.
References: Munthe 1921, p. 50, lines 1-4.

TRÄDGÅRDEN 1, CJ 2256 5622, ca. 930 m WSW of the triangulation point in Lilla Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section ca. 80 m NNE of the westernmost point of Lilla Karlsö and ca. 50 m S of Trädgården. For a photograph of the section, see Fig. 24, Hede 1927b, or Fig. 107, Manten 1971.

Reference point: The protruding part of the cliff in the centre of Fig. 24, Hede 1927b.

Reference level: The Slite (bedded limestone) - Halla (splintery limestone) boundary.

Slite Beds and Halla Beds.
References: Hede 1927b, Fig. 24, p. 46, line 4, p. 48, line 12; Manten 1971, Figs. 107-108.

TRÄSKALVRET 1, CK 8630 2289, ca. 3630 m NW of Fårö church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 180 Fårö.

Low inland cliff section at the wood sign ca. 110 m SE of the southern end of the small bay north of *r* in T*r*äskalvret.

Slite Beds, unit c.

TRÄSKE 1, CJ 6660 7122, ca. 6650 m NNW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Low ditch exposure 7 m SE of the road, ca. 230 m WSW of the house at L. Hammars. The locality is located ca. 20 m SW of the gate across the road.

Hemse Beds, unit b.
References: Hede 1929, p. 27, lines 5-22 (contains list of fossils).

TROSINGSGÄRDET 1, CJ 6609 6721, ca. 3180 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately N of the road, ca. 135 m WNW of point 19,50 at Trosingsgärdet.

Hemse Beds, unit a.

TROSINGSGÄRDET 2, CJ 6703 6714, ca. 2620 m NW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Section immediately S of the road, ca. 825 m E of point 19,50 at Trosingsgärdet. The locality is located in the middle part of the hillock and has a thin cover of crushed rock material.

Hemse Beds, unit a.

References: Hede 1929, p. 25, lines 10-11 from below (reference to the area in general).

TUBOD 1, CJ 3945 2915, ca. 2100 m E of Fide church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Shore exposure in the easternmost part of the small point, ca. 190 m NE of the house at Tubod. (There are several smaller boat-houses not marked on the topographical map sheet.)

Hamra Beds, middle-upper part.

TULE 1, CJ 5560 7509, ca. 4225 m ENE of Sjonhem church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure, ca. 100 m ENE of the house W of the road halfway along the road from Hartviks to Tule.

Klinteberg Beds, unit e.

References: Hede 1929, p. 21, lines 19-24 (contains list of fossils).

UDDVIDE 1, CJ 3742 3213, ca. 3125 m N of Fide church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry ca. 60 m E of the road, ca. 480 m SSW of point 13,88 at Domerarve. For a detailed description, see Hede 1960.

Reference point: Northeastern wall of the quarry. Fig. 25 A.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

References: Hede 1960, Loc. 46, pp. 83-84; Martinsson 1962, p. 58 (Martinsson's locality Sles); Böger 1968, p. 131 (Böger's locality Sles); Fåhraeus 1969, p. 15.

Note: It is recommended that "new" localities in the area around Uddvide 1 and Uddvide 2 are designated Uddvide 3, 4, 5, etc., in the future. Confusion will arise if the names Sles and Domerarve are reintroduced.

UDDVIDE 2, CJ 3737 3225, ca. 3260 m N of Fide church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Quarry immediately W of the road, ca. 420 m SW of point 13,88 at Domer-

Fig. 25. A. Uddvide 1. Photograph of the reference point. The reference level is located about 85 cm above the thick bed of sandstone at the base of section. B. Uddvide 2. Photograph of the reference point.

arve. Uddvide 2 is the northern of the two quarries now in operation west of the road.

Reference point: Eastern wall of the quarry. Fig. 25 B.

Reference level: The Burgsvik-Hamra boundary.

Burgsvik Beds and Hamra Beds.

Note: It is recommended that "new" localities in the area around Uddvide 1 and Uddvide 2 are designated Uddvide 3, 4, 5, etc., in the future. It will cause confusion if the names Sles and Domerarve are reintroduced.

UNGHANSE 1, CJ 3670 2616, ca. 1475 m NNE of Öja church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 152 Burgsvik.

Water hole ca. 40 m ESE of the road, ca. 360 m SSW of point 4,64.

Burgsvik Beds and Hamra Beds.

UTOJE 1, CK 7276 1549, ca. 1600 m SW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ditch section immediately W of the road at the road and ditch intersection ca. 1160 m W of the northern house in Utoje.

Slite Beds, unit c.

References: Hede 1933, p. 36, lines 16-17.

VAKTEN 1, CJ 2815 3925, ca. 6950 m WSW of Hablingbo church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Shore exposure between the two points, ca. 870 m WSW of the house at Rodarve and ca. 1470 m NNW of the house on the beach at Alsvik.

Hemse Beds, Hemse Marl, northwestern part.

VALAR 1, CJ 3108 2413, ca. 6530 m NNW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry NW of the road, ca. 820 m NNE of the triangulation point at Kulänge and ca. 50 m SW of the house.

Burgsvik Beds, upper part.

VALAR 2, CJ 3093 2388, ca. 6300 m NNW of Vamlingbo church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Abandoned quarry NW of the road, ca. 540 m NNE of the triangulation point at Kulänge. Valar 2 is located opposite the gate in the stone fence.

Burgsvik Beds, upper part.

VALBYTTE 1, CJ 2913 6858, ca. 1650 m S of Västergarn church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch exposure at the southwestern tip of the wood area, ca. 175 m E of the road and ca. 4225 m W of Sanda church. To come upon this locality follow the field road to the solitary house (not marked on the topographical map sheet) and continue to the edge of the wood. For a detailed description, see Hede 1960.

Slite Beds, Slite Marl, slightly younger than the *Conchidium tenuistriatum* Beds.

References: Hede 1960, Loc. 29, p. 73; Martinsson 1962, p. 49; Taugourdeau & Jekhowsky 1964, I.F.P. No. 4957.

VALLE 1, CJ 3350 6450, ca. 1420 m N of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch excavation immediately S of the cross-roads, ca. 320 m N of the house immediately east of *e* in Valle.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds.

VALLE 2, CJ 3359 6428, ca. 1190 m N of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch excavation immediately W of the road, ca. 120 m NNE of the house immediately east of *e* in Valle.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds.

VALLEVIKEN 1, CK 7752 0793, ca. 3380 m NE of Hellvi church Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Abandoned quarry, partly water-filled and marked as a lake in the topographical map sheet, ca. 350 m N of the westernmost cross-roads at Valleviken.

Reference point: Northernmost part of the "lake".

Reference level: The surface of water (about 7 m a.s.l.).

Slite Beds, Slite Marl.

References: Hede 1933, p. 47, line 6 from below - p. 48, line 6; Hede 1942, Loc. 23.

VALLSTENA 1, CJ 5849 8692, ca. 1070 m SSW of Vallstena church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Drainage ditch section immediately NNW of the bridge. Vallstena 1 comprises the distance 0-150 m NNW of the bridge.

Reference point: NW edge of the bridge.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds or slightly older.

References: Hede 1928, p. 23, lines 11-40 (contains list of fossils); Hede 1960, Loc. 18, p. 66 (contains list of fossils); Martinsson 1962, p. 50.

VALLSTENA 2, CJ 5853 8688, ca. 1130 m SSW of Vallstena church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Drainage ditch section immediately SSE of the bridge. Vallstena 2 comprises the distance 0-150 m SSE of the bridge.

Reference point: SE edge of the bridge.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds or slightly older.

References: Hede 1928, p. 23, lines 8-10 from below.

VANGES 1, CJ 4994 4468, ca. 3070 m SSE of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 156 Ronehamn.

Ditch exposure immediately SW and NE of the road, ca. 175 m NW of the house NW of Vanges.

Hemse Beds, Hemse Marl, southeastern part.

References: Martinsson 1962, p. 57.

VÄRSÄNDE 1, CJ 3254 6229, ca. 1870 m SW of Klinte church. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 160 Klintehamn.

Ditch section immediately SW of the old railway embankment, ca. 300 m S of the northernmost house at Värsände. There is a gate at the middle house at Värsände. Follow the old embankment ca. 300 m towards the SSE.

Mulde Beds, lower part.

References: Hede 1927a, p. 37, lines 4-5.

VASSMUNDS 1, CJ 7182 6788, ca. 1370 m NNE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Surface exposure immediately NW of the cross-roads immediately SW of Vassmunds.

Hemse Beds, unit c.

VASSMUNDS 2, CJ 7204 6784, ca. 1410 m NNE of Östergarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Ditch section immediately NW of the road, ca. 320 m S of the northernmost house at Vassmunds.

Hemse Beds, unit c.

VÄSTARBERGET 1, XD 7832 5373, ca. 1400 m WNW of the triangulation point in Stora Karlsö. Topographical map sheet 6 I Visby SO. Geological map sheet Aa 164 Hemse.

Cliff section, ca. 30 m NW of the northwesternmost house in Stora Karlsö. For a photograph of the locality, see Fig. 20, Hede 1927b (Västarberget 1 is located in the northwest-facing cliff to the far left in the photograph).

Slite Beds, Slite Marl, Lerberget Marl and *Pentamerus gotlandicus* Beds.

References: Hede 1927b, p. 36, lines 8-11 from below, p. 39, lines 14-15 from below, Figs. 18, 20; Martinsson 1962, p. 49 (locality Lerberget, sic).

VÄSTERBACKAR 1, CJ 2716 1437, ca. 1500 m WNW of Sundre church. Topographical map sheet 5 I Hoburgen SO & 5 J Hemse SV. Geological map sheet Aa 152 Burgsvik.

Quarry, ca. 1050 m NW of point 22,22 at Västergårde.
Reference point: The eastern wall of the quarry.
Sundre Beds, middle-upper part.

VÄSTLAUS 1, CJ 4724 4761, ca. 2480 m W of Burs church. Topographical map sheet 5 I Hoburgen NO & 5 J Hemse NV. Geological map sheet Aa 164 Hemse.

Drainage ditch section immediately NE of the road, ca. 50 m W of the solitary house about 750 m W of Salmans.
Hemse Beds, Hemse Marl, southeastern part.
References: Martinsson 1960, p. 4, line 1, Pl. 1, figs. 1-5.

VÄSTÖS 1, CK 6792 1850, ca. 6510 m WNW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Section in "Kristikanal" immediately SW of the road at the road and drainage ditch intersection ca. 1040 m SE of the house at Västös.
Högklint Beds, unit b.
References: Martinsson 1962, p. 48.

VÄSTÖS KLINT 1, CK 6740 2049, ca. 7935 m NW of Fleringe church. Topographical map sheet 7 J Fårösund SO & NO. Geological map sheet Aa 171 Kappelshamn.

Ca. 1130 m N of the house in Västös there is an intersection between the road and a path. The locality is an inland cliff section W of the road ca. 160 m N of this intersection. Västös Klint 1 is located ca. 2980 m NE of Hall church.
Reference level: The boundary between unit b (thin-bedded) and unit c (biohermal limestone).
Högklint Beds, units b and c.

VATTENFALLSPROFILEN 1, CJ 3800 9150, ca. 1100 m SW of Visby cathedral. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Rivulet section at Gutevägen in the city of Visby. Fig. 26.
Reference point: The peg in the concrete at the edge of the sewer.
Reference level: The peg is located 21.97 m a.s.l.
Upper Visby Beds and Högklint Beds.
References: Thorell & Lindström 1885 (lists of fossils and a description of *Palaeophonus nuncius);* Holm 1890, p. 14; Aurivillius 1892, p. 10, Pl. 1, figs. 1-8; Bather 1893, p. 113, line 10 from below; Hennig 1905, p. 20, line 20, p. 24, lines 11-12; Hedström 1910, pp. 1465-1473, Pl. 56 A, Pl. 60 (contains a detailed description of the section and its fossils); Rothpletz 1913, Loc. 14;

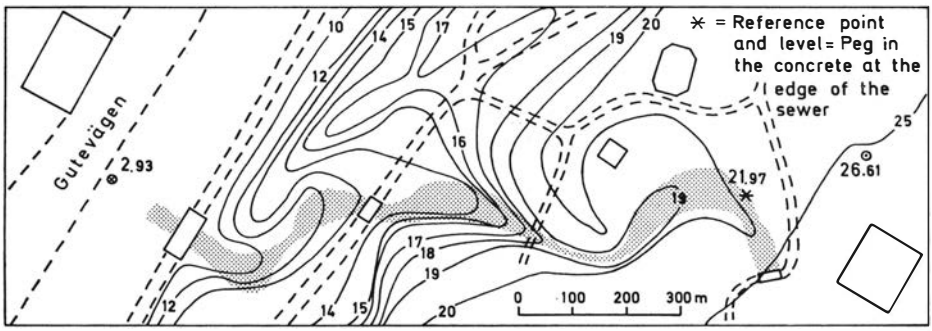

Fig. 26. Vattenfallsprofilen 1. The section is marked by the stippled area.

Wedekind 1927, pp. 21, 74, 87; Bulman 1932, p. 14 (Pl. 1, fig. 1), Pl. 6 (III:1), fig. 1; Hede 1942, Loc. 3; Regnéll 1956, p. 168, Pl. 3, fig. 3; Martinsson 1967, p. 358.

Note: The peg is located on top of the sewer.

VIDFÄLLE 1, CJ 6502 7120, ca. 7175 m NNW of Gammelgarn church. Topographical map sheet 6 J Roma SO. Geological map sheet Aa 170 Katthammarsvik.

Ditch excavation 5 m NE of the path (field road), ca. 150 m NW of the northeasternmost house at Vidfälle.

Hemse Beds, unit b.

References: Hede 1929, p. 27, lines 1-3.

VIKE 1, CJ 6681 9116, ca. 5125 m S of Boge church. Topographical map sheet 6 J Roma NV & NO. Geological map sheet Aa 169 Slite.

Ditch section immediately SE of the eastern road at the ditch and road intersection, ca. 120 m SE of point 3,2.

Slite Beds, Slite Marl, *Pentamerus gotlandicus* Beds or slightly older.

References: Hede 1928, p. 21, line 3 from below - p. 22 line 25 (contains list of fossils from the same section immediately NW of the ditch and road intersection); Martinsson 1962, p. 50.

VIVUNGS 1, CJ 4796 6568, ca. 4150 m SE of Guldrupe church. Topographical map sheet 6 J Roma SV. Geological map sheet Aa 160 Klintehamn.

Abandoned quarry immediately NW of the cross-roads, ca. 310 m SW of the house at Vivungs (eastern settlement).

Klinteberg Beds, middle-upper part.

References: Hede 1927a, p. 47, lines 26-27 and 30-32; Mori 1970, p. 17, Loc. 83.

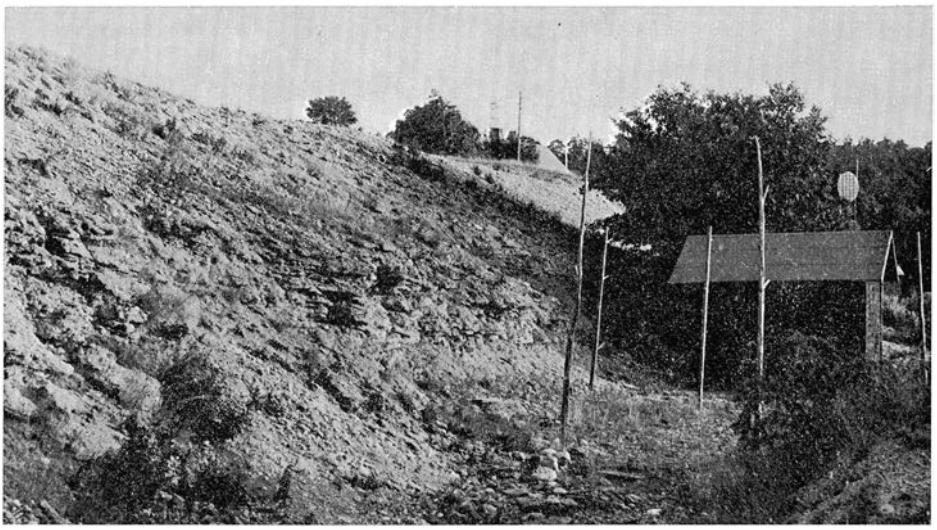

Fig. 27. Ygne 2. Photograph of the reference point.

YGNE 1, CJ 3211 8709, ca. 3750 m WNW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section NW of the end of the road (where the northwesternmost road turns to a path on the topographical map sheet), ca. 1060 m SW of the triangulation point at Högklint.

Reference level: The boundary between Upper Visby and Högklint Beds.

Upper Visby Beds and Högklint Beds.

References: Martinsson 1962, p. 47.

YGNE 2, CJ 3177 8678, ca. 3950 m WNW of Västerhejde church. Topographical map sheet 6 I Visby NO. Geological map sheet Aa 183 Visby & Lummelunda.

Cliff section, ca. 1510 m SW of the triangulation point at Högklint. Ygne 2 is located ca. 100 m SE of the pill-box and immediately NE of the northernmost tool-shed on the small plateau about 10 m a.s.l.

Reference point: The tool-shed. Fig. 27.

Upper Visby Beds, upper part.

YXNE 1, CK 5168 0040, ca 3300 m SSE of Martebo church. Topographical map sheet 7 J Fårösund SV & NV. Geological map sheet Aa 183 Visby & Lummelunda.

Ditch section immediately W of the road, ca. 170 m NW of point 43,96.

Slite Beds, unit d.

References: Hede 1940, p. 48, lines 9-10; Martinsson 1962, p. 49.

References

AURIVILLIUS, C.W.S. 1892: Über einige Ober-Silurische Cirripeden aus Gotland. *Bih. Kungl. Svenska Vet.-Akad. Handl.* Bd. 18. Afd. 4. No. 3. 24 pp. Stockholm.

BATHER, F.A. 1893: The Crinoidea of Gotland. Part 1. The Crinoidea Inadunata. *Kongl. Svenska Vet.-Akad. Handl.* Bd. 25. No. 2. 200 pp. Stockholm.

BÖGER, H. 1968: Paläoökologie silurischer Chonetoidea auf Gotland. *Lethaia* Vol. 1, pp. 122-136. Oslo.

BORG, F. 1965: A comparative and phyletic study on fossil and recent Bryozoa of the suborders Cyclostomata and Trepostomata. *Ark. Zool.* Ser. 2. Bd. 17. Nr. 1. 91 pp. Stockholm.

BOUCOT, A.J. 1962: The Eospiriferidae. *Palaeontology*. Vol. 5, pp. 682-711. London.

BOUCOT, A.J. & JOHNSON, J.G. 1967a: Silurian and Upper Ordovician atrypids of the genera *Plectatrypa* and *Spirigerina*. *Norsk Geol. Tidsskr.* Vol. 47, pp. 79-101. Oslo.

— 1967b: Species and distribution of *Coelspira* (Brachiopoda). *Journ. Paleont.* Vol. 41, pp. 1226-1241. Menasha, Wisconsin.

BULMAN, O.M.B. 1932: On the graptolites prepared by Holm. 2-5. *Ark. Zool.* Bd. 24 A. Nr. 9. 29 pp. Stockholm.

CHAPMAN, F. 1901: On some fossils of Wenlock age from Mulde, near Klinteberg, Gotland. *Ann. Mag. Nat. Hist.* Ser. 7. Vol. 7, pp. 141-160. London.

EISENACK, A. 1962a: Neotypen baltischer Silur-Chitinozoen und neue Arten. *N. Jb. Geol. Paläont. Abh.* Bd. 114, pp. 291-316. Stuttgart.

— 1963a: Melanoskleriten aus anstehenden Sedimenten und aus Geschieben. *Paläont. Zeitschr.* Bd. 37, pp. 122-134. Stuttgart.

— 1963b: Über einige Arten der Gattung *Tasmanites* Newton 1875. *Grana Palyn.* 4:2, pp. 203-246. Uppsala.

— 1964a: Mikrofossilien aus dem Silur Gotlands. Chitinozoen. *N. Jb. Geol. Paläont. Abh.* Bd. 120, pp. 308-342. Stuttgart.

— 1966a: Einige Bemerkungen über Retioliten und Graptolithen. *N. Jb. Geol. Paläont. Mh.* Bd. 10, pp. 577-588. Stuttgart.

— 1966b: Zur Biologie primitiver Foraminiferen aus baltischem Ordovizium und Gotlandium. *N. Jb. Geol. Paläont. Abh.* Bd. 125, pp. 382-400. Stuttgart.

— 1967a: Foraminiferen aus dem Ordovizium und Gotlandium des baltischen Gebietes. *N. Jb. Geol. Paläont. Abh.* Bd. 128, pp. 244-274. Stuttgart.

— 1968a: Problematica aus baltischem Ordovizium und Silur. *N. Jb. Geol. Paläont. Abh.* Bd. 131, pp. 305-309. Stuttgart.

— 1968b: Über Chitinozoen des baltischen Gebietes. *Palaeontographica Abt. A.* Bd. 131, pp. 137-198. Stuttgart.

— 1968c: Über die Fortpflanzung paläozoischer Hystrichosphären. *N. Jb. Geol. Paläont. Abh.* Bd. 131, pp. 1-22. Stuttgart.

FÅHRAEUS, L.E. 1967: Upper Ludlovian deposits of Gotland defined by means of conodonts. *Geol. Fören. Stockh. Förh.* Vol. 89, pp. 218-220. Stockholm.

— 1969: Conodont zones in the Ludlovian of Gotland and a correlation with Great Britain. *Sver. Geol. Unders.* C 639. 33 pp. Stockholm.

GROSS, W. 1968: Fragliche Actinopterygier-Schuppen aus dem Silur Gotlands. *Lethaia* Vol. 1, pp. 184-218. Oslo.

HADDING, A. 1941: The Pre-Quaternary sedimentary rocks of Sweden. VI. Reef limestones. *Lunds Univ. Årsskr. N.F.* Avd. 2. Bd. 37. Nr. 10. 137 pp. Lund. Also as *Kungl. Fysiogr. Sällsk. Handl.* N.F. Bd. 52. Nr. 10.

— 1956: The lithological character of marine shallow water limestones. *Kungl. Fysiogr. Sällsk. Förh.* Bd. 26, No. 10. 18 pp. Lund.

— 1959: Silurian algal limestones of Gotland. Indicators of shallow waters and elevation of land. Some reflections on their lithological character and origin. *Lunds Univ. Årsskr. N.F.* Avd. 2, Bd. 56, Nr. 7, 26 pp. Lund. Also as *Publ. Inst. Miner. Pal. Quat. Geol. Univ. Lund* No. 70. Lund.

HALLE, T.G. 1920: Psilophyton (?) Hedei n.sp., probably a land-plant, from the Silurian of Gothland. *Svensk Botan. Tidskr.* Bd. 14, pp. 258-260. Stockholm.

HEDE, J.E. 1917: Faunan i kalksandstenens märgliga bottenlager söder om Klintehamn på Gottland. *Sver. Geol. Unders.* C 281. 32 pp. Stockholm.

— 1919: Om några nya fynd av graptoliter inom Gottlands silur och deras betydelse för stratigrafien. *Sver. Geol. Unders.* C 291. 31 pp. Stockholm.

— 1921: Gottlands silurstratigrafi. *Sver. Geol. Unders.* C 305. 100 pp. Stockholm.

— 1925: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & von POST, L. 1925: Beskrivning till kartbladet Ronehamn. *Sver. Geol. Unders.* Aa 156. 96 pp. Stockholm.

— 1925b: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & von POST, L. 1925: Gotlands geologi. En översikt. *Sver. Geol. Unders.* C 331. 130 pp. Stockholm.

— 1927a: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & LUNDQVIST, G. 1927: Beskrivning till kartbladet Klintehamn. *Sver. Geol. Unders.* Aa 160. 109 pp. Stockholm.

— 1927b: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & von POST, L. 1927: Beskrivning till kartbladet Hemse. *Sver. Geol. Unders.* Aa 164. 155 pp. Stockholm.

— 1928: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & LUNDQVIST, G. 1928: Beskrivning till kartbladet Slite. *Sver. Geol. Unders.* Aa 169. 130 pp. Stockholm.

— 1929: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & LUNDQVIST, G. 1929: Beskrivning till kartbladet Katthammarsvik. *Sver. Geol. Unders.* Aa 170. 120 pp. Stockholm.

— 1933: Berggrunden (Silursystemet). *In* MUNTHE, H., HEDE, J.E. & LUNDQVIST, G. 1933: Beskrivning till kartbladet Kappelshamn. *Sver. Geol. Unders.* Aa 171. 129 pp. Stockholm.

— 1936: Berggrunden. *In* MUNTHE, H., HEDE, J.E. & LUNDQVIST, G. 1936: Beskrivning till karbladet Fårö. *Sver. Geol. Unders.* Aa 180. 82 pp. Stockholm.

— 1940: Berggrunden. *In* LUNDQVIST, G., HEDE, J.E. & SUNDIUS, N. 1940: Beskrivning till kartbladen Visby & Lummelunda. *Sver. Geol. Unders.* Aa 183. 167 pp. Stockholm.

— 1942: On the correlation of the Silurian of Gotland. *Lunds geologiska fältklubb* 1892-1942. 25 pp. Lund.

— 1960: The Silurian of Gotland. *In* REGNÉLL, G. & HEDE, J.E. 1960: The Lower Palaeozoic of Scania. The Silurian of Gotland. *Int. Geol. Congr. XXI. Sess. Norden.* Guidebook Sweden d. Stockholm. 89 pp. Also as *Publ. Inst. Min. Pal. Quat. Geol. Univ. Lund.* No. 91.

HEDSTRÖM, H. 1910: The stratigraphy of the Silurian strata of the Visby district. *Geol. Fören. Stockh. Förh.* Bd. 32, pp. 1455-1484. Stockholm.

— 1917: Über die Gattung Phragmoceras in der Obersilurformation Gotlands. *Sver. Geol. Unders.* Ca 15. 35 pp. Stockholm.

— 1923: Contributions to the fossil fauna of Gotland I. *Sver. Geol. Unders.* C 316. 24 pp. Stockholm.

— 1928: Om asfaltit och några andra mineral från Gotlands silurlager. *Geol. Fören. Stockh. Förh.* Vol. 50, pp. 443-448. Stockholm.

von HELMERSEN, G. 1858: Geologische Bemerkungen auf einer Reise in Schweden und Norwegen. *Mém. Acad. Imp. Sci. St.-Pétersbourg. Sixième sér. Sci. matém. phys.* Tome 6, pp. 295-335. St. Petersburg.

HENNIG, A. 1905: Gotlands Silur-Bryozoer, 1. *Ark. Zool.* Bd. 2. No. 10. 37 pp. Stockholm.

— 1906: Gotlands Silur-Bryozoer, 2. *Ark. Zool.* Bd. 3. No. 10. 62 pp. Stockholm.

— 1908: Gotlands Silur-Bryozoer, 3. *Ark. Zool.* Bd. 4. No. 21. 64 pp. Stockholm.

HENNINGSMOEN, G. 1953: Classification of Paleozoic straight-hinged ostracods. *Norsk Geol. Tidsskr.* Vol. 31, pp. 185-288. Oslo.

van HOEPEN, E.C.N.1910: *De bouw van het Siluur van Gotland.* Thesis, Technische Hoogeschool. 161 pp. Delft.

HOLM, G. 1890: Gotlands graptoliter. *Bih. Kungl. Svenska Vet.-Akad. Handl.* Bd. 16, Afd. 4, No. 7. 34 pp. Stockholm.

JAANUSSON, V. & MARTINSSON, A. 1956: Two hollinid ostracodes from the Silurian Mulde Marl of Gotland. *Bull. Geol. Inst. Uppsala* Vol. 36, pp. 401-410. Uppsala. Also as *Publ. Pal. Inst. Univ. Uppsala* No. 13.

JANVIER, P. 1971: Nouveau matérial d'*Andreolepis hedei* Gross, Actinoptérygien énigmatique du Silurien de Gotland (Suède). *Compt. Rend. Acad. Sci. Paris* Tome 273, pp. 2223-2224. Paris.

JEPPSSON, L. 1972: Some Silurian conodont apparatuses and possible conodont dimorphism. *Geologica Palaeont.* Bd. 6, pp. 51-69. Marburg.

JUX, U. 1957: Die Riffe Gotlands und ihre angrenzenden Sedimentationsräume. *Stockh. Contr. Geol.* Vol. 1, pp. 41-89. Stockholm.

KURTÉN, B. 1953: On the variation and population dynamics of fossil and Recent mammal populations. *Acta Zool. Fennica* 76, pp. 1-122. Helsingfors.

LAUFELD, S. 1974a: Preferred orientation of orthoconic nautiloids from the Ludlovian Hemse Beds of Gotland. *Geol. Fören. Stockh. Förh.* Vol. 96. Stockholm.

— 1974b: Silurian Chitinozoa from Gotland. *Fossils and Strata* No. 5. 130 pp. Oslo.

LINDSTRÖM, A. 1879: Praktiskt geologiska iakttagelser under resor på Gotland 1876-1878. *Sver. Geol. Unders.* C 34. 43 pp. Stockholm.

LINDSTRÖM, G. 1882a: Anteckningar om silurlagren på Carlsöarne. *Öfvers. Kongl. Vet.-Akad. Förh. 1882* No. 3, pp. 5-30. Stockholm.

— 1882b: Om de Palaeozoiska formationernas operkelbärande koraller. *Bih. Kongl. Svenska Vet.-Akad. Handl.* Bd. 7. No. 4. 112 pp. Stockholm.

— 1885: Förteckning på Gotlands Siluriska Crustacéer. *Öfvers. Kongl. Svenska Vet.-Akad. Förh.* 1885 No. 6. Stockholm.

— 1890: The Ascoceratidae and the Lituitidae of the Upper Silurian formations of Gotland. *Kongl. Svenska Vet.-Akad. Handl.* Bd. 23. No. 12. 54 pp. Stockholm.

LUNDBLAD, BRITTA 1972: A reconsideration of Psilophyton (?) hedei Halle, Silurian of Gotland (Sweden). *Rev. Palaeobot. Palynol.* Vol. 14, pp. 135-139. Amsterdam.

MANTEN, A.A. 1966: Notes on the formation of stylolites. *Geol. Mijnbouw* 45, pp. 269-274. s'Gravenhage.

— 1971: *Silurian reefs of Gotland.* 539 pp. Elsevier Publishing Company. Amsterdam, Londen, New York.

MARTINSSON, A., 1955: Studies on the ostracode family Primitiopsidae. *Bull. Geol. Inst. Univ. Uppsala.* Vol. 36. 33 pp. Also as *Publ. Pal. Inst. Univ. Uppsala.* No. 4. Uppsala.

— 1956: Ontogeny and development of dimorphism in some Silurian ostracodes. A study on the Mulde marl fauna of Gotland. *Bull. Geol. Inst. Univ. Uppsala.* Vol. 37. Also as *Publ. Pal. Inst. Univ. Uppsala.* No. 14. Uppsala.

— 1960: Two assemblages of polychaete jaws from the Silurian of Gotland. *Bull. Geol. Inst. Univ. Uppsala.* Vol. 39, pp. 1-8. Uppsala. Also as *Publ. Pal. Inst. Univ. Uppsala* No. 26.
— 1962: Ostracodes of the family Beyrichiidae from the Silurian of Gotland. *Publ. Pal. Inst. Univ. Uppsala.* No. 41. 369 pp. Uppsala. Also as *Bull. Geol. Inst. Univ. Uppsala.* Vol 41.
— 1966: Beyrichiacean ostracodes associated with the earliest Silurian vertebrates from Gotland. *Geol. Fören. Stockh. Förh.* Vol. 88, pp. 327-339. Stockholm. Also as *Publ. Pal. Inst. Univ. Uppsa'a* No. 68.
— 1967: The succession and correlation of ostracode faunas in the Silurian of Gotland. *Geol. Fören. Stockh. Förh.* Vol. 89, pp. 350-386. Stockholm.
MORI, K 1968: Stromatoporoids from the Silurian of Gotland. Part. 1. *Stockh. Contr. Geol.* Vol. 19. 100 pp. Stockholm.
— 1970: Stromatoporoids from the Silurian of Gotland. Part 2. *Stockh. Contr. Geol.* Vol. 22. 152 pp. Stockholm.
MUNTHE, H. 1902: Stratigrafiska studier öfver Gotlands silurlager. *Geol. Fören. Stockh. Förh.* Bd. 24, pp. 221-273. Stockholm. Also as *Sver. Geol. Unders.* C 192. 55 pp. Stockholm.
— 1910: On the sequence of strata within southern Gotland. *Geol. Fören. Stockh. Förh.* Bd. 32, pp. 1397-1453. Stockholm.
— 1915: Oolit med kraftiga böljeslagsmärken vid Klintebys på Gotland. *Geol. Fören. Stockh. Förh.* Bd. 37, pp. 430-434. Stockholm.
— 1921: Beskrivning till kartbladet Burgsvik jämte Hoburgen och Ytterholmen. *Sver. Geol. Unders.* Aa 152. 172 pp. Stockholm.
MURCHISON, R.I. 1847: On the Silurian and associated rocks in Dalecarlia, and on the succession from Lower to Upper Silurian in Smoland, Öland, and Gothland, and in Scania. *Quart. Journ. Geol. Soc. London* Vol. 3, pp. 1-48. London.
REGNÉLL, G. 1956: Silurian Echinoids from Gotland. *Arkiv Miner. Geol.* Bd. 2. Nr. 7, pp. 155-178. Stockholm.
ROTHPLETZ, A. 1913: Über die Kalkalgen. Spongiostromen und einige andere Fossilien aus dem Obersilur Gottlands. *Sver. Geol. Unders.* Ca 10, 57 pp. Stockholm.
RUTTEN, M.G. 1958: Detailuntersuchungen an gotländischen Riffen. *Geol. Rundschau* Bd. 47, pp. 359-384. Stuttgart.
SPJELDNAES, N. 1950: On some vertebrate fossils from Gotland with some comments on the stratigraphy. *Arkiv Miner. Geol.* Bd. 1. Nr. 8. pp. 211-218. Stockholm.
— 1951: Ontogeny of *Beyrichia jonesi* Boll. *Journ. Paleont.* Vol. 25, pp. 745-755. Tulsa, Oklahoma.
— 1959: Silurian bentonites from Gotland, Sweden. *Geol. Fören. Stockh. Förh.* Bd. 81, pp. 582-587. Stockholm.
TAUGOURDEAU, P. & de JEKHOWSKY, B. 1964: Chitinozoaires siluriens de Gotland; Comparaison avec les formes sahariennes. *Rév. Inst. Franc. Pétrole Ann. Combust. Liquides.* Vol. 19, No. 7-8, pp. 845-870. Paris.
THORELL, T. & LINDSTRÖM, G. 1885: On a Silurian scorpion from Gotland. *Kongl. Svenska Vet.-Akad. Handl.* Bd. 21. No. 9. 33 pp. Stockholm.
VESTERBERG, A. 1895: En dolomitisk öfversilurisk kalksten på Gotland. *Geol. Fören. Stockh. Förh.* Bd. 17, pp. 415-423. Stockholm.
WALMSLEY, V.G. & BOUCOT, A.J. 1971: The Resserellinae — a new subfamily of Late Ordovician to Early Devonian dalmanellid brachiopods. *Palaeontology* Vol. 14, pp. 487-531. London.
WEDEKIND, R. 1927: Die Zoantharia Rugosa von Gotland (bes. Nordgotland). Nebst Bemerkungen zur Biostratigraphie des Gotlandium. *Sver. Geol. Unders.* Ca 19. 94 pp. Stockholm.

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Högklint Beds, southwestern facies

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Marsängen 1

Slite Beds, units a — c — f

Gardrungs 1-2
Liksarve 1
Lilla Home 1
Martille 6
Oivide 1
Sinnarve 1

Slite Marl, middle — upper part

Gullarve 1
Nygårds 1
Svarvare 1
Tjuls 1
Valbytte 1
Valle 1-2

Slite Siltstone

Gullarve 1
Klintebys 1
Mulde 1
Robbjäns Kvarn 1-2
Svarvare 1

Halla Beds

Gullarve 2
Klintebys 1
Möllbos 1-2
Nygårds 2
Robbjäns Kvarn 2
Stora Vikare 1-2

Mulde Beds

Däpps 1-2
Klintebys 2
Mölner 1
Robbjäns Kvarn 2
Värsände 1

Klinteberg Beds, lower part

Dans 1
Forse 1
Örter 1
Prästbåtels 1-3
Rågåkre 1
Stenstugårds 1
Stora Tune 1
Tippsarve 1

Klinteberg Beds, lower — middle part

Hunninge 1
Klinteberget 1
Lilla Snögrinde 1-3

Klinteberg Beds, middle — upper part

Krasse 1
Vivungs 1

Aa 164 Hemse

Slite Beds

Askryggen 1-2
Klinteenklaven 1
Lerberget 1-3
Norderslätt 1
Trädgården 1
Västarberget 1

Halla Beds

Bodarna 1
Laikarn 1
Lindströms Grotta 1
Smojge 1
Trädgården 1

Mulde Beds

Bjärges 1
Blåhäll 1
Djupvik 1
Fröjel 1-2
Haugklintar 1
Mulde Tegelbruk 1

Klinteberg Beds, undifferentiated

Alstäde 1
Bofride 1-2
Fröjel 1,3
Gröndalen 1
Haugklintar 1
Lindströms Grotta 1
Stora Solbjärge 1-2
Suderslätt 1

Klinteberg Marl

Ajmunde 1
Smiss 1

Hemse Beds, lower — middle — upper

Broträskkröken 1
Linde 1
Rammträsk 1
Rangsarve 1
Sandarve 1-3

Hemse Marl, northwestern part

Amlings 1
Autsarve 1
Eske 1
Gerete 1
Gerumskanalen 1
Hemmungs 1
Källdar 1
Kullands 1
Likmide 1
Lilla Hallvards 1-2
Lukse 1
Snoder 1-2
Snauvalds 1
Vakten 1

Hemse Marl, southeastern part

Asarve 1
Hulte 1-2
Kodings 1-3
Leisungs 1-2
Tjängdarve 1
Västlaus 1

Eke Beds

Eke 1-2
Herrvide 1
Kullunde 2
Petsarve 1-8

Aa 156 Ronehamn

Hemse Beds, lower — middle — upper

Ljugarn 1
Lyrungs 1
Medbys 1
Sigvalde 1
Tänglings 1-2

Hemse Marl, southeastern part

Fie 1-2
Gläves 1-2
Hägvide 1
Vanges 1

Hemse Marl, uppermost part

Botvide 1
Burgen 4
Gannor 1-3
Gogs 1-2
Hallsarve 1
Lausvik 1
Malms 1
Nyan 2

Eke Beds, lower part

Bandlunde 1
Gannor 1-2
Gumbalde 1
Hallbjänne 1
Hummelbosholm 1
Källstäde 1
Malms 1
Nabban 1-2
Nyan 1-2
Sunnkyrke 1

Eke Beds, middle — upper part

Botvide 2 Halor 1-3 Lau Backar 1

Eke Beds, undifferentiated

Bote 1
Botvide 1
Burgen 3-4
Glasskär 3
Hallsarve 1
Nabban 3
Ronehamn 1

Burgsvik Beds, lower part

Glasskär 1-2 Ronehamn 1

Burgsvik Beds, undifferentiated

Burgen 1
Burgen 6-7
Kärne 1
Kroken 1-2

Hamra Beds, lower part

Burgen 2, 7 Kroken 1-2 Närs Fyr 1

Aa 152 Burgsvik

Hemse Marl

Bodudd 1
Drakarve 1
Jakobs 1
Marbodar 1
Nisse 1
Olsvenne 1

Eke Beds, lower part

Bodudd 1-2
Burgen 5
Lingvide 1
Näs 1
Olsvenne 2-3
Sigsarve 1
Skåls 1
Stora Hajslunds 1
Stora Siglajvs 1
Tomsarve 1

Eke Beds, middle — upper part

Härdarve 1 Petsarve 9-15 Ronnings 1

Eke Beds, undifferentiated

Härdarve 2 Kullunde 1

Burgsvik Beds, lower part

Härdarve 1 Kullunde 1 Ronnings 1

Burgsvik Beds, upper part

Anderse 1
Domerarve 1
Hoburgen 1-2
Husryggen 1
Kättelviken 1-3
Lajkungsrum 1
Lunde 1
Rovalds 1-3
Storburg 1
Uddvide 1-2
Unghanse 1
Valar 1-2

Hamra Beds, unit a

Burgsvik 1
Gisle 1
Hoburgen 2
Skradarve 1

Hamra Beds, unit b

Ängvards 1-2
Bankvät 1
Bottarve 1-2
Hoburgen 2-3
Kättelviken 4
Roes 1
Sibbjäns 1-2
Strands 1

Hamra Beds, unit c

Barkarveård 1
Barshageudd 1-4
Botrajvs 1
Hallbjäns 1
Hamra 1
Hoburgen 3
Juves 1-2
Kättelviken 4
Lilla Simunde 1
Ollajvs 1

Hamra Beds, lower part

Digrans 1
Kättelviken 1, 3
Lunde 1
Rivet 1
Rovalds 2-3
Uddvide 2
Unghanse 1

Hamra Beds, undifferentiated

Faludden 2
Hoburgen 4
Kauparve 1
Tubod 1

Sundre Beds: Use the stratigraphical index.

Index by stratigraphical order

undifferentiated middle — upper part

Annelund 1
Galgberget 1
Gutevägen 1-3
Högklint 1
Kalbjergaträsk 1

undifferentiated

Högklint 2
Vattenfallsprofilen 1

southwestern facies

Ansarve 1-3
Marsängen 1

Tofta Beds

lower part

Annelund 1
Galgberget 1

upper part

Etebols 1-2
Käringen 1
Landträsk 1

undifferentiated

Bingerskvarn 1-2
Kambs 1-4
Klockaremyr 1

Slite Beds

unit a

Käringen 1
Liksarve 1
Martille 5
Norrvange 1
Skymnings 1

unit b

Kluvstajn 1
Martille 1

unit c — Katrinelund Limestone

Etebols 1
Gamlahamn 2
Hällagrund 1
Katrinelund 1
Lickedarve 1
Lilla Home 1
Marpes 1-2
Marpesholm 1
Martille 1-4
Martille 6
Norra Gattet 2
Strandakersviken 1
Stutsviken 1
Träskalvret 1
Utoje 1

unit d

Bäcks 1
Lansa 1
Stora Myre 1
Yxne 1

unit e — Kalbjerga Limestone

Dacker 1
Farnavik 1-2
Storugns 1
Tjautet 1

unit f — Conchidium tenuistriatum *Beds*

Båta 1-2
Gardrungs 1-2
Oivide 1
Sinnarve 1
Sion 1
Slättflis 1

unit g — *Ryssnäs Limestone*

Asunden 1-3
Bogeklint 1-3
Broa 1-2
Bunn 1
Enholmen 1
Fårö Kyrka 1
Follingbo 4
Gisslause 1
Haganäs 1
Hau Rävlar 1
Hide 1
Hide Fiskeläge 1-2
Jakobsberg 1
Kvarnberget 1
Kyllaj 1-4
Lännaberget 1-2
Lansaholm 1
Maigu 1-2
Norrbys 1
Puttarsjaus 1
Samsugns 1-3
Slitebrottet 1
Spillings 1-2
Stora Banne 1-3
Stora Vede 1
Storugns 1
Talings 1
Tjautet 1

Pentamerus gotlandicus — Atrypa reticularis *Beds*

Kvännväten 1
Tjeldersholm 1

Slite Marl, northwestern part

Follingbo 1-3
Follingbo 5-7
Kue 1-2
Sigfride 1
Stormyr 1

Slite Marl, undifferentiated

Alby 1-6
Albyriv 1
Fårö Skola 1
Gane 1
Haganäs 1
Hide 1
Hide Fiskeläge 1
Längars 1
Oidehoburga 1
Slitebrottet 1-2
Stave 1-2
Tjuls 1
Valbytte 1
Valleviken 1

Slite Marl, Lerberget Marl — Pentamerus gotlandicus *Beds*

Askryggen 1
Gullarve 1
Lerberget 1-3
Munkebos 1
Norderslätt 1
Nygårds 1
Svarvare 1
Trädgården 1
Valle 1-2
Vallstena 1-2
Västarberget 1
Vike 1

Slite Siltstone

Askryggen 2
Gullarve 1
Klintebys 1
Klinteenklaven 1
Mulde 1
Robbjäns Kvarn 1-2
Svarvare 1

Halla Beds

unit a

Bara 1

unit b

Hörsne 1-5
Möllbos 1-2
Nygårds 2
Stora Vikare 1-2

unit c

Gothemshammar 1-2 Gothemshammar 6-8

undifferentiated, lower part

Gullarve 2 Smojge 1

undifferentiated, upper part

Godrings 1-2

undifferentiated

Bodarna 1 Laikarn 1 Robbjäns Kvarn 2
Gandarve 1-2 Lindströms Grotta 1 Trädgården 1
Klintebys 1

Mulde Beds

lower part

Blåhäll 1 Robbjäns Kvarn 2 Värsände 1
Djupvik 1

upper part

Bjärges 1 Fröjel 1-2 Mölner 1
Däpps 1-2 Haugklintar 1 Mulde 2

undifferentiated

Klintebys 2 Mulde Tegelbruk 1

Klinteberg Beds

unit a

Godrings 1 Gothemshammar 1-5 Hällinge 2

unit b

Båtels 2 Fjärdinge 1 Hällinge 1

unit c

Båtels 1 Ganthem 1

unit d

Fjäle 2

unit e

Fjäle 1 Fjäle 3-4 Tule 1

unit f

Sutarve 1 Tings 1

undifferentiated, lower part

Dans 1
Forse 1
Fröjel 1, 3
Gröndalen 1
Haugklintar 2
Lindströms Grotta 1
Örter 1
Prästbåtels 1-3
Rågåkre 1
Stenstugårds 1
Stora Tune 1
Suderslätt 1
Tippsarve 1

undifferentiated, lower — middle part

Hunninge 1
Klinteberget 1
Krasse 1
Lilla Snögrinde 1-3

undifferentiated, middle — upper part

Alstäde 1 Vivungs 1

undifferentiated, upper part

Altajme 1
Bofride 1-2
Stora Solbjärge 1-2
Sutarve 3

Klinteberg Marl

Ajmunde 1 Smiss 1

Hemse Beds

unit a

Fridhem 2
Garnudden 1
Katthammarsvik 1-2
Trosingsgärdet 1-2

unit b

Djaupviksudden 1
Fridhem 1
Gyle 1
Hagrummet 1
Österby 1
Träske 1
Vidfälle 1

unit c

Bringsarve 1
Djaupviksudden 1-3
Fakle 1
Gannes 1-2
Grogarns 1-2
Grogarnshuvud 1-2
Gutenviks 1
Hammars 1
Hammarudden 1
Kaupungs 1-2
Lambskvie 1
Skåne 1
Vassmunds 1-2

unit d

Gannes 1-3
Grogarns 3
Grogarnshuvud 2
Gutenviks 1
Herrvik 1
Kaupungs 1-2
Klintsklint 1
Kuppen 1-2
Östergarnsholm 1-2

unit e — Millklint Limestone

Millklint 1-3 Millklintdalen 1-2

undifferentiated, lower — middle part

Rammträsk 1 Sutarve 1-2 Tänglings 1-2
Sigvalde 1

undifferentiated, middle — upper part

Broträskkröken 1 Lyrungs 1 Medbys 1

undifferentiated, upper part

Fågelhammar 1-2 Lassor 1 Rangsarve 1
Hallute 1 Linde 1 Sandarve 1-3
Herrgårdsklint 1 Ljugarn 1

Hemse Marl, northwestern part

Amlings 1 Källdar 1 Marbodar 1
Autsarve 1 Kullands 1 Nisse 1
Eske 1 Likmide 1 Snauvalds 1
Gerete 1 Lilla Hallvards 1-2 Snoder 1-2
Gerumskanalen 1 Lukse 1 Vakten 1
Hemmungs 1

Hemse Marl, southeastern part

Asarve 1 Hulte 1-2 Tjängdarve 1
Fie 1-2 Kodings 1-3 Vanges 1
Gläves 1-2 Leisungs 1-2 Västlaus 1
Hägvide 1

Hemse Marl, uppermost part

Bodudd 1 Gannor 1-3 Lausvik 1
Botvide 1 Gogs 1-2 Malms 1
Burgen 4 Hallsarve 1 Nyan 2
Drakarve 1 Jakobs 1 Olsvenne 1

Eke Beds

lowermost part

Bodudd 1-2 Malms 1 Skåls 1
Botvide 1 Nyan 2 Stora Hajslunds 1
Gannor 1-2 Olsvenne 2-3 Stora Siglajvs 1

lower part

Bandlunde 1 Herrvide 1 Näs 1
Burgen 4, 5 Hummelbosholm 1 Nyan 1
Gumbalde 1 Källstäde 1 Sigsarve 1
Hallbjänne 1 Lingvide 1 Sunnkyrke 1
Hallsarve 1 Nabban 1-2 Tomsarve 1

middle — upper part

Botvide 2
Halor 2
Kullunde 2
Petsarve 1-15

upper part

Glasskär 3
Halor 1,3
Härdarve 1-2
Kullunde 1
Lau Backar 1
Ronehamn 1
Ronnings 1

undifferentiated

Bote 1
Burgen 3
Eke 1-2
Nabban 3

Burgsvik Beds

lower part

Burgen 1
Glasskär 1-3
Härdarve 1
Kullunde 1
Ronehamn 1
Ronnings 1

upper part

Anderse 1
Burgen 6-7
Domerarve 1
Hoburgen 1-2
Husryggen 1
Kärne 1
Kättelviken 1-3
Kroken 1-2
Lajkungsrum 1
Lunde 1
Rovalds 1-3
Storburg 1
Uddvide 1-2
Unghanse 1
Valar 1-2

Hamra Beds

unit a

Burgsvik 1
Gisle 1
Skradarve 1
Storburg 1

unit b

Ängvards 1-2
Bankvät 1
Bottarve 1-2
Hoburgen 3
Kättelviken 4
Roes 1
Sibbjäns 1-2
Storburg 1
Strands 1

unit c

Barkareveård 1
Barshageudd 1-4
Botrajvs 1
Hallbjäns 1
Hamra 1
Hoburgen 3
Juves 1-3
Kättelviken 4
Lilla Simunde 1
Ollajvs 1
Storburg 1

undifferentiated, lower part

Burgen 2
Digrans 1
Hoburgen 2
Kättelviken 1,3
Kauparve 1
Kroken 1-2
Lunde 1
Närs Fyr 1
Rivet 1
Rovalds 2-3
Uddvide 1-2
Unghanse 1

undifferentiated, upper part

Faludden 2
Hoburgen 4
Tore 1
Tubod 1

Sundre Beds

lower part

Bringes 1
Faludden 1-2
Hamra 2
Hoburgen 3
Juves 1-4
Klehammarsård 1
Muskmyr 1
Ojmundsbod 1
Otes 2
Storms 1-2
Tärnården 1
Tore 1

middle part

Anlundar 1
Gullstajnen 1
Hammarshagehällar 1
Holmhällar 1
Otes 1,3
Rembs 1
Sallmunds 1
Sallmundsudd 1
Suders 1
Västerbackar 1

upper part

Hoburgen 4
Storburg 1-2

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