



ANNUAL REPORT OF THE ACTIVITIES OF  
THE DANISH NATIONAL RESEARCH FOUNDATION'S CENTRE FOR BLACK SEA  
STUDIES 2009

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## HIGHLIGHTS OF THE YEAR

2009 was much influenced by the fact that this was the centre's last year (formal date of closure 31 January 2010). Therefore, all external activities were kept at a minimum and work was concentrated on finishing projects included in our contract. Among the highlights of 2009 is to be mentioned in particular the very positive international evaluation of the centre's activities.

The centre's first PhD, Jesper Maibom Madsen, had his dissertation published (in revised form) by the prestigious printing house, Duckworth. The centre's second PhD, Jane Hjarl Petersen, prepared her dissertation for print (March 2010 in print as BSS 12), and the centre's third PhD student, Birgitte Bøgh, defended her dissertation with success in December 2009.

Our last major international conference was held with great success in March 2009. It was devoted to the Bosphoran Kingdom, an interesting construction at the intersection of Greeks and Barbarians, Greeks and Romans, Europe and Asia. The conference was planned in collaboration with the German Archaeological Institute in Berlin.

Significant resources were allocated to the two collaborative projects concerning the Black Sea city of Olbia. The publication of the excavation of Sector NGS (1985-2002) is getting closer to its completion and is currently (March 2010) in print (as BSS 13). Data collection for the Olbia Map Project, which was launched in 2008, was finished in 2009. More than 500 drawings of individual sectors excavated during the entire 20th century were collected and scanned in archives in Kiev and St Petersburg and have now been processed. For the first time we now have the basis for evaluating the urban layout and development of one of the Black Sea region's most important Greek cities. Much work was also done on the analysis of the data from the Džarylgač Survey Project.

Kristina Winther-Jacobsen was employed as Associate Professor at Copenhagen University (August 2009). Handberg, Smekalova and Stolba obtained a three-year grant from FKK, which will allow them to continue fieldwork on Western Crimea (December 2009).

## 2009 ÅRETS HØJDEPUNKTER

Centrets arbejde i 2009 var i høj grad præget af, at det var centrets sidste år (officiel lukkedato 31.1.2010). Derfor blev alle eksterne aktiviteter holdt på et minimum, og stort set alle koncentrerede sig om at afslutte de forskningsaktiviteter, de er kontraktligt forpligtede på.

Årets ubestridte højdepunkt var den særdeles positive evaluering, som centret modtog for sit arbejde. Blandt årets øvrige højdepunkter skal især nævnes:

At centrets første PhD, Jesper Maibom Madsen, fik udgivet sin afhandling (i revideret form) på det prestigøse forlag, Duckworth. Centrets anden PhD, Jane Hjarl Petersen, forberedte sin afhandling til trykning (er i trykken marts 2010 som BSS 12), og centrets tredje PhD-studerende, Birgitte Bøgh, forsvarede med succes sin afhandling i december 2010.

Centrets sidste store, internationale konference blev afholdt med betydelig succes i marts 2009. Konferencen drøftede det Bosporske rige, en interessant konstruktion i skæringspunktet mellem grækere og barbarer, grækere og Rom, samt mellem Europa og Asien. Konferencen blev afholdt i samarbejde med det Tyske Arkæologiske Institut i Berlin.

Betydelige resurser blev allokeret til afslutning af to internationale samarbejdsprojekter vedr. sortehavsbyen Olbia. Publikationen af udgravningerne af Sector NGS (1985-2002) er ved at være færdig (er marts 2010 i trykken som BSS 13). Dataindsamlingen vedr. Olbia Map Project, som blev indledt i 2008, blev afsluttet i 2009. Mere end 500 planer af områder udgravet i løbet af hele det 20. årh. blev samlet, scannet og bearbejdet i arkiver i Kiev og St Petersburg. Vi har nu det første grundlag for en evaluering af urbanistik og byudvikling i Olbia, en af Sortehavsområdets vigtigste byer. Endvidere blev der brugt mange resurser på analyse af data vedr. the Džarylgač Survey Project.

Kristina Winther-Jacobsen blev ansat som lektor på Københavns Universitet (august 2009). Handberg, Smekalova og Stolba fik tre-årig FKK-bevilling, der gør det muligt for dem at fortsætte med feltarbejde på det vestlige Krim (december 2009).

## RESEARCH ACTIVITIES

### **RA 1: THEM AND US - CULTURAL STRATEGIES AND INTERACTION**

1A Material culture and the dynamics of cultural contact  
(BSS 1, 2003; BSS 4, 2006; BSS 8, 2008)

#### **1A.1 *Burial customs as indicators of cultural identity***

PhD project: Jane Hjarl Petersen

Terminated June 2007 (#80, #170, #179, #190, #242, #259, #287). The dissertation will appear as BSS 12. The manuscript has been handed in to the publisher (Aarhus University Press) and the monograph is expected in May 2010 (#380).

#### **1A.2 *Eschatology in the northwestern Black Sea region and beyond***

Pia Guldager Bilde

Terminated January 2008 (#76, #103, #104, #156, #217, #266, #277).

#### **1A.3 *Grey Ware of the Black Sea Area***

PhD project: Søren Handberg

Initiated 1 April 2007. In 2009 work continued on several chapters, including the chapters on the methodology and archaeometry (i.e. chemical analysis of clay) as well as the chapters on the regional differences of the Grey Ware pottery in the Black Sea region. The collection of materials was extended and included in the catalogue and work started on a chapter dealing with the import and consumption of Grey Ware to the Black Sea area from Asia Minor. The typology of the Grey Ware is largely complete. Work on the corresponding list of deposits, on which the typology rests, is also almost completed. Autumn was spent as a guest researcher at the Eurasien-Abteilung at the Deutsches Archäologisches Institut in Berlin (September-December 2010). Discussions about the methodologies and theoretical approaches applied in current Black Sea archaeology have added substantial to the work on the methodological approach of the study.

**Mile-stone 2010:** Handing in for assessment the dissertation 1 July 2010.

#### **1A.4 *Mouldmade bowls of the Black Sea region***

Pia Guldager Bilde

This research activity grew out of 1A.2. Mouldmade bowls are a type of late Hellenistic fine tableware pottery produced and consumed throughout the Greek and Hellenized world, also the Black Sea region (#103, #157, #301). Studies of this type of pottery are normally confined to individual find places. This study draws of the registration and analysis of a large body of vessels including fragments (more than 3,500 pieces) from the Black Sea cities of Olbia, Istros, Chersonesos, Porthmion, Myrmekion, Pantikapaion and other sites. Work is also focussed on a number of workshops and production sites (Pontic and Mediterranean). It is the first major comparative study of the mouldmade bowls undertaken in the Greek world. The comparison provides basis for discussions of trade mechanisms, trade patterns and economy, for iconography and the intended meaning for the vessels' producers and consumers, as well as the cult of Dionysos and the Egyptianizing culture of late Hellenistic society. The outcome will be a monograph in two volumes, which will be published as BSS 19 in 2011. It will foreseeable become a standard reference work.

**Mile-stone 2010:** Finishing data collection, analysis and production of book manuscript.

*1B Perceptions of the Black Sea region*

George Hinge (post Doc.)

Terminated; #17, #34, #54, #66, #78, #90, #188, #220, #221, #278.

**RA 2: PATTERNS OF TRADE AND EXCHANGE    TERMINATED**

*2A Trade, tolls and taxation*

John Lund, Vincent Gabrielsen (BSS 6, 2008)

*2B Fish processing and garum trade*

Tønnes Bekker-Nielsen (BSS 2, 2005)

*2C Trade and distribution of pottery*

John Lund, Vincent Gabrielsen (BSS 6, 2008)

*2D Chronologies in the Black Sea area*

Vladimir Stolba, Lise Hannestad (BSS 3, 2005)

**RA 3: POLIS AND CHORA**

*3A Panskoe I necropolis*

Vladimir Stolba and others, collaborative project with RAS, St Petersburg (necropolis).

**No information obtained from Stolba.**

*3B The Lower City of Olbia in the 5th century BC - 4th century AD (the sector NGS)*

Danish participants: most of centre staff, collaborative project with NASU, Kiev.

This research activity has consumed much of the research time of the Centre also in 2009 (#157, #258, #267, #281, #307, #319). Unfortunately, the coins will not be published, because the manuscript, due by V. Stolba, was never submitted.

**Mile-stone 2010:** publication of the results as BSS 13 (spring 2010).

*3C The Sanctuary of Targa at Džangul'*

Pia Guldager Bilde, Vladimir Stolba, collaborative project with RAS, St Petersburg.

Suspended on initiative of A.N. Ščeglov.

*3D The distant chora of Chersonesos: the Džarylgač Survey Project*

Danish participants: most of centre staff; in collaboration with Simferopol' (Sergej Lancov, Sergej Koltuchov), GIA Groningen and from 2008 Freie Universität, Berlin; fieldwork 2007, 2008; analysis 2009.

In January 2009 Danish, Dutch and German collaborators met in Sandbjerg in order to draft the outline of the publication. The analysis of the results of the Džarylgač Survey Project (DSP) took up significant amount of the research time of the Danish participants in 2009.

**Mile-stones 2010:** Publication of the results as BSS 14 (summer 2010).

### **3E** *The necropolis of Olbia*

Jane Hjarl Petersen (post Doc.), Michail Treister (Berlin), collaborative project with NASU, Kiev and Freie Universität (Berlin).

Not initiated because several German applications to the DFG intended to cover the expenses of German participation have failed.

### **3F** *Olbia Map project*

Alexander Karjaka, Pia Guldager Bilde in collaboration with the Academy of Sciences, Kiev (V. Krapivina) and St. Petersburg (J. Vinogradov/E. Nosov).

This project is the result of the Centre's engagement in the project RA **3B** *The Lower City of Olbia in the 5th century BC - 4th century AD (the sector NGS)*. In 2009 the last batches of maps of old Olbian excavations from the archives in St. Petersburg and Kiev have been scanned and added to the general plan. The map was completed in January 2010; now awaits a detailed analysis of the results as well as writing up of brief introductions to the individual sectors of excavation. This will primarily be done by Ukrainian and Russian collaborators with Guldager Bilde serving as coordinator.

**Mile-stones 2010:** completion of map and manuscripts for publication.

## **RA 4: FROM HELLENISTIC KINGDOM TO ROMAN PROVINCE      TERMINATED**

(BSS 5, 2006; BSS 7, 2008; BSS 9, 2009)

### **4A** *The Pontic Kingdom*

#### **4A.1** *The kingdom of Mithridates*

Jakob Munk Højte (post Doc.), terminated

The mile-stone of 2008 was achieved with the publication of the international conference *Mithridates VI and the Pontic Kingdom* held in 2007. The volume appeared as *Black Sea Studies* 9 (#373; see also #60, #82, #84, #85, #97, #101, #106, #107, #108, #109, #116, #118, #122, #131, #137).

#### **4A.2** *Religion and cult of the Pontic Kingdom*

Sergej Saprykin, RAS, Moskva

Terminated. The results were published as a monograph in Russia in 2009 (#331).

#### **4A.3** *The Mithridatic Wars: resistance or retaliation?*

Jesper Majbom Madsen (post Doc.)

Terminated (#85, #115, #116, #337, #352).

### **4B** *The coming of Rome*

(BSS 7, 2008)

#### **4B.1** *Euergesia and the development of societal structures*

PhD project: Trine Madsen

Terminated October 2006.

#### **4B.2** *The Romanization of Pontus et Bithynia*

PhD project: Jesper Majbom Madsen

Terminated June 2006 (#133, #139, #163, #182, #207). The dissertation appeared as monograph in 2009 (#329).

#### **4B.3** *Greeks under the Roman Empire*

Tønnes Bekker-Nielsen (post Doc.)

Terminated; # 260, #262, #274.

### **RA 5: CLIMATE CHANGES AND LONG TERM HISTORY**

Vladimir Stolba, in collaboration with Institute of Limnology, RAS St Petersburg

Terminated; #194, #201, #238, #248, #249, #322.

### **RA 6: THE COMMUNICATION OF POWER – THE POWER OF COMMUNICATION**

#### **6A** *The Persians in the Black Sea region*

Jens Nieling (post Doc.), ongoing

In autumn 2010, a university course on the Persian Empire was offered to students from the Department of Classical Archaeology, AU. The preparation of the publication of the international conference *Achaemenid Impact in the Black Sea - Communication of Powers in Circumpontic Cultures* took place in 2009 (to be published as BSS 11). Progress has been made on the monograph concerned with Persian influences in the Black Sea region. The book is expected to appear as BSS 16 in 2010.

**Mile-stone 2010:** Handing in the manuscript of BSS 11 for publication. Handing in the manuscript for a monograph on Persian influences (BSS 16).

#### **6B** *Communicating power - a study of kurgan burials*

Tatjana Smekalova, in progress

During 2009 data collection and analysis was completed (#264, #269; see also #243, #245). A monograph devoted to the kurgans in Western Crimea and corresponding settlements has been prepared for publication (Russian with an extensive English summary). A second monograph concerned with the kurgans in the landscape of the Crimean piedmont is under preparation.

**Mile-stone 2010:** Publication of two monographs.

#### **6C** *Greek coinage in the Black Sea region prior to the Roman domination*

Vladimir Stolba, in progress

**No information obtained from Stolba.**

#### **6D** *Mother of the Gods: reception and transformation of an Anatolian deity*

PhD project: Birgitte Bøgh (initiated April 2006, from 1 January 2008, 30 hours/week)

Terminated in 2009 (#187; #209, #382). Organized by Birgitte Bøgh, in May 2009, a small, but successful international seminar *Cultural interactions in Thrace and the cult of Kybele* was held in Aarhus. The mile-stone of 2009 was met as the dissertation was handed in on 1st September 2009 and defended successfully 4th December 2009.

## **RA 7: THE BOSPORAN KINGDOM**

### **7A** *The Bosporan Kingdom: between polis and empire*

Jakob Munk Højte

Initiated February 2007. In collaboration with the German Archaeological Institute a conference on The Bosporan Kingdom was held at Sandbjerg Manor, 23-26 March 2009 with 42 participants from Russia, Ukraine, Germany, England, Poland, Italy and Denmark. The proceedings from the conference will be published in two volumes. The first, covering the Greek period, will be edited by Udo Schlotzhauer from the German Archaeological Institute in Berlin, while the second, covering the Roman period, will be edited by J.M. Højte. Nearly all the contributions have been received and the editing is in progress. The second volume will in addition to the papers given at the conference contain three papers by J.M. Højte. The second volume will be published in the fall of 2010 (#365 - #368, #378; also #223).

**Mile-stone 2010:** Publication of the second volume of the conference proceedings as BSS 17.

### **7B** *Coin circulation in the Bosporan Kingdom in the Roman period*

PhD project: Line Bjerg

Initiated October 2006. The mapping of the coin finds is completed as are the chapters on research history, methodology, classification, and the catalogue. The chapters on the coin distribution and conclusions are currently being processed. The distribution maps of the coin finds has resulted in the most detailed view of the distribution of the different coin types so far. A detailed critical review of the currently most used typologies of the coins was also added to the study, just as it proved necessary to provide a concordance table to be sure that the compared coin types were in fact the same. Preliminary results of the project were presented in a paper at XIVth International Numismatic Congress in September 2009 in Glasgow (#369).

**Mile-stone 2010:** Handing in for assessment the dissertation in May 2010.