



TIMS E-NEWS

The International Molinological Society

Spring/Summer 2010

Issue 8

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INTRO BY OUR PRESIDENT

Dear Fellow TIMS Members and Mill Friends,

We are very pleased that we can present you the TIMS Newsletter for Spring/Summer 2010. Our newsletter team, Lisa (our editor) and Stacie (putting it all together), has done an excellent job once again!!

Spring is coming up, and so are the Mill Days in many countries. During these days the mills can be admired on the inside as well. A list with dates for the various countries is given in the Newsletter.

We have started with a Mill GPS Database. This is an application based on Google Earth or Google Maps, in which per mill the coordinates and a picture are stored. For further details please visit the [TIMS Forum](#). An important item for your agenda is the 13th TIMS Symposium, which will be held next year in the month of September. The venue will be Ålborg in Denmark.

So, you can start planning your participation and consider to present a paper.

We would like to encourage everybody to contribute. Please send us mill news from your country, information on new mill books, dates of conferences, mill days, exhibitions and so on. We welcome your suggestions.

If you are not a member of TIMS we encourage you to join and enjoy Mills worldwide.

Willem van Bergen

e-mail TIMS-President@molinology.org



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LET'S HAVE A LOOK INSIDE THE TIMS ORGANIZATION

In our newsletters, we would like to introduce to you to the TIMS Council or key members of the organization. This time we will take you to The Netherlands to meet Wiard Beek and Andre Koopal.



Wiard Beek

Wiard Beek, our webmaster, was born in 1946 in The Hague, The Netherlands. Educated as an electronic engineer until 1970, then married and emigrated for 5 years to South-Africa (Pretoria) where we set up a pottery (turning wheel, oven and glazing) for my wife to give pottery lessons while I was working in electronic design. We have a daughter and son and three grandchildren. Since 1995 we live in Voorburg, close to The Hague. Worked from 1985-2005 at the Delft University of Technology. For twelve years I was technical responsible for a mobile Satellite

Laser Ranging System (measuring movements of tectonic plates on our planet with an accuracy of 1 inch over 1500 miles), after that I was retrained in computer support and from 1997 working as ICT-manager in a small faculty of the Delft University.

My love for mills started 20 years ago during a bicycle tour along the Wenumse watermill for which I made my first constructional drawing. In Apeldoorn (center of Holland) we lived for 11 years and Wenum is a small village nearby. My first TIMS Symposium was in Hungary together with the Post tour to Romania, joined the USA Symposium in 2000 + Pre tour, Portugal in 2004 and Holland in 2007 + Post tour to Flanders. Last year I took part in the nice Mid-Term tour to the Czech-Republic.

Since 1998 my main activity for TIMS is webmaster of www.timsmills.info In 1997, during the Symposium in Hungary, Gerald Bost and I decided to start the TIMS-Website. Over the years we both added material to our website from Berlin and Voorburg to my own private server located at the Delft University and reachable with the old URL: tims.geo.tudelft.nl until the end of 2001. From 2002 we use our current domain name timsmills.info. At the end of 2005 TIMS stopped using my own server and I moved the website to our current hosting provider. During all these years many peoples around the world asked me to add their website and about 25 times a year people around the world ask me to send the Dictionary of Molinology by e-mail.

Apart from the work to keep the TIMS-website going I give technical support to the starting-up of the forum and mill database, E-news, the design of the membership and E-news subscription forms at our website. In 2007 I gave technical lay-out support for the manuals handed out during the TIMS Symposium in The Netherlands including the symposium transactions 2007. For the realization of E-news my responsibility is the technical design concerning the clickable links, best file locations for downloads and optimization of graphic quality, file size and printing options. And finally to educate the publishing staff "HowTo" realize E-news with Adobe InDesign.

My local activities for TIMS-Netherlands and Flanders are: secretary since 2003, webmaster of www.molenkunde.eu and membership secretary. From 1999 I realized for 5 years the lay-out of Molinologie (appears 2x a year with 40 pages per magazine). At the moment I am already 5 years coordinator for Molinologie, the magazine distributed by TIMS-Netherlands and Flanders.

During 2002-2009 I was ICT-volunteer in two local Museums in Voorburg. In the past I was for 6 years council member of the Historical Society Voorburg and just finished an article about Roman mill stones which were found in 2007 in Voorburg. At the moment writing a book about the "Mills in The Hague and surroundings" together with three other mill friends.

All these activities I realized with Windows but two years ago I changed to Apple. (see my website www.molinoloog.nl menu "iMAC" which software I use now) Apple has very little virus danger and has more stability which I like both very much.

At the age of 59 I retired and enjoy freedom, sold our car in 2005, now we both have time to walk, go by bike, bus and train and that is good for our health. My hobby's are mills, mac and WiFi. Sports I can do are: tennis, snooker, skating, skiing, bicycling. Requiem music I like most and specially the requiems from Saint Sans, Fauré and Duruflé. And I also like a glass of wine.

Two years ago we moved to our new (sunny) apartment where we enjoy life very much. As you can see...always busy...and I am thankful to my wife Hennie for all her support to make it possible for me to do all that work for these societies.

Wiard

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Introducing Andre Koopal, administrator of the new TIMS Forum

I am 39 years, single, and working as a Unix system administrator for a large telecom company on the internet side.

As a boy of about 12 a friend of mine asked me if I was interested in mills, and took me to a model making club that was held in 'Het Pink'. The model making was nice, but soon I got interested more in the mill itself and started helping running the mill. When I became 16, I joined the 'Gilde van Vrijwillige Molenaars' to start the mill education. I asked on the papermill 'De Schoolmeester' to help there. I helped there for several years.

I also kept coming to 'Het Pink' where we let the mill run with a small group, so I never had the urge to do my exam. However, in 2004 I did my miller exam after all. In 2006 I became even more involved in the 'Gilde' and was asked to be instructor for other mill students, which is part of my millwork for the last years.

I also became more and more interested in mills outside the Netherlands and joined TIMS to learn more about them. The congress in 2007 seemed like a good opportunity for me to meet the TIMS community and I have never regretted that.

Besides the mills, I am at the moment also quite active at the Dutch Wikipedia where I started with working on the mill articles, but now also more active with general heritage. Please check out the new [Tims Forum](#).
Andre Koopal, andre@molens.org



Andre Koopal

THE NEXT TIMS SYMPOSIUM IN 2011



The 13th symposium will be held in Denmark in 2011. The three national mill organizations in Denmark, the Dansk Mølleforening (National Mill Society), the Danske Møllers Venner (Danish Millers Association) and Møllepuljen (a cooperative body for museum employees concerned with research and preservation of mills) will support the symposium. In addition, the Nordjyllands Historisk Museum as well as a few other museums, which is chaired by TIMS council member Lise Andersen of Denmark. Mark the year and watch for more information to come.

BIBLIOTHECA MOLINOLOGICA NO. 20

Producing and printing the BM20 will be costly and we ask if you or your organizations are willing to donate please contact your county representative or [click here](#) for the contact list. This BM20 will be a very important volume as it describes the actual status of the mill technology in the USA in the early 19th century, as well as the start of a new development in the mill technology in Europe, based on the knowledge in the USA that was carried across the ocean by the German spies Ganzel and Wulff.

TIMS PRESENTATION



About TIMS



Do you want to learn more about TIMS? Do you have a organization or group of interested Molinologists? [Click here](#) for our new presentation of TIMS. Please show to as many people as possible. Thanks to our TIMS president for putting this together. Help spread the news!

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IM NO. 80 TIMS Editor Tony Bonson

The contents of IM80 which will be published in June will include:
•A report on the First International Molinological Conference in Ukraine,
•Current Wheel Dredges in New Zealand by Keith Preston, •Alkmaar as the Nursery of Holland's Industrial Windmills about 1600 by Herman Kaptein and Pieter Schotsman, •Sugar Mills (Tawahin es-Sukkar) in the Jordan Valley by Ruba Abu-dalo, •The Donixmühle in Oberseifersdorf, Germany by Erik Tijman. The editor will welcome any contributions however great or small – let your fellow TIMS members know what's going on in your part of the Molinological world.
tonybonson@gmail.com

Note that only current TIMS members receive this issue. Look on the side links on how you can be a member of TIMS or check our web site www.timsmills.info.

COUNCIL NEWS

TIMS Forum

Welcome, testpublicuser [Log Out](#) [Control Center](#) [Private Messages](#)



TIMS Forum

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The forum of "The International Molinological Society" Advanced

Announcements	Last Post
TIMS Forum is LIVE!!!!	10/27/2009 03:31PM

Forums	Topics	Posts	Last Post
Announcements Read this forum first to find out the latest information. Mark Forum Read RSS	1	1	October 27, 2009 03:31PM
Helpdesk Questions about the TIMS Forum. Mark Forum Read RSS	1	1	October 27, 2009 03:52PM
Molinology All molinological items and questions Mark Forum Read RSS	3 (1 new)	7 (4 new)	February 19, 2010 10:53PM


[Return to the TIMS homepage.](#)

The [TIMS Forum](#) has been online since October last year. The TIMS Forum is a communication platform which allows the exchange and discussions of molinological topics.

We would like to encourage our readers to register. As a registered user you cannot only read all the posted messages, but you can post messages yourself as well as interactively contribute by directly answering questions or adding information.

Why not give it a try?

New TIMS Plaque



The TIMS' Plaque


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Please make sure that there will be no extra cost to receive the money in France
- 3/ Confirm by e-mail when the money is sent and give your postal address
- 4/ The plaque will be sent to you in a small carton and padded envelope after receiving your payment.

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NEWS FROM AROUND THE WORLD

National Mill Days, Events, Meetings, Exhibitions, Country Reports
And Notices of new Mill Related Publications

NATIONAL MILL DAYS & EVENTS

Portugal

7 April National Day of the Mills

10 & 11 April Days of the open Mills

Belgium

25 April The Flemish Mill Day

Every last Sunday in the months of May up to September - Mill Day in the province of Antwerp

UK

8 & 9 May National Mill Days

Germany

24 May The 17th German Mill Day

24 May National Mill Day

<http://www.muehlen-dgm-ev.de/dmt/index.php>

28 August Volunteer millers training course -Britzer Mühle, Berlin

www.britzer-muellerverein.de

12 September Nation Monument Day (Tag des offenen Denkmals)

<http://tag-des-offenen-denkmals.de/thema/plakat.html>

12 September Special Event at the Britzer Mühle, Berlin

11:00 - 13.00 h

Presenting the new Publication of TIMS BM 20

“Mill espionage at the beginning of the 19th century”

The story of Ganzel & Wulff, presented by Gerald Bost.

www.windmill.de

Switzerland

15 May Swiss Mill Day

France

15 & 16 May Journée des Moulins et du Patrimoine Meulier d'Europe

20 June Journée du Patrimoine de Pays et Journée des Moulins

Denmark

20 June National Danish Mill Day

Netherlands

8 & 9 May National Mill Days

USA

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“Escape the Daily Grind”
in the greater Raleigh area of North Carolina, for the
2010 Annual SPOOM Conference:
September 29 – October 3, 2010

*To be jointly hosted by the staff and volunteers of
Historic Yates Mill County Park
and the non-profit group, Yates Mill Associates*

Park Phone: 919.856.6675; Park Website: www.wakegov.com/yatesmill
Non-profit Group Website: www.yatesmill.org

Host hotel: Crabtree Marriott on Glenwood Avenue in Raleigh, NC.
More details will be provided in the next Old Mill News!

Grimsley T. Hobbs
Authoring the Old Mill News

MILL STAMPS

Canada

Flag over Historic Mills:

This year's addition to Canada Post's ongoing Flags over Canada definitive series is a quintet of PERMANENT™ stamps featuring five of this country's historic mills: Watson's Mill in Manotick, Ontario; the Keremeos Grist Mill in Keremeos, British Columbia; the Old Stone Mill National Historic Site in Delta, Ontario; the Riodon Grist Mill in Caraquet, New Brunswick; and Cornell Mill in Stanbridge East, Quebec.

Issue Date: January 11, 2010



Contact canadapost.ca/collecting for more information and sales

Estonia

Estonian Mills. Angla Windmill / Issue date 22.10.09:

The Angla windmills lie in Angla Village at the Upa-Leisi road, one of the main traffic and tourist routes of Estonia's western Saaremaa Island. The group of windmills is a Saaremaa must, being a symbol of the island and one of the best surviving groups of windmills in Estonia, standing at its original location on Angla Windmill Hill. The group consists of five windmills – four post windmills with rotating bodies, the fifth being an octagonal wooden Dutch windmill with a rotating boat-shaped roof and gallery. The Reinu windmill, dating back to the beginning of the 19th century, is the oldest in the group. Lause windmill (1880) probably has older parts in its structure. The third windmill in the complex is that of Viita. The Vilidu windmill (1913) was thoroughly restored in 2008 and has the original function of grinding flour with a miller working as a guide there in the summer. The Tedre Dutch windmill (1927) is currently under restoration.



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FRANCE

In the last issue of “le monde des moulins” (Journal of the *Fédération des Moulins de France*) we can find the announcement of the Annual General Meeting to be held at Saint Etienne from Friday, April 9 to Sunday, April 11. Mills around will be visited. The FDMF begins with a new collection of books with the printer Bordessoules. The first book, “Richesse des Moulins d’Ardèche”, was written by our TIMS member Jean-Pierre Azéma <http://editionsbordessoules.free.fr>

The journal gives some news on the European association Moleriae, on the European federation on Industrial heritage, on the colloquium on the archaeology of mills and milling (held at Roma in November 2009) and on the mills associations in the Pyrénées. In the same issue you can read the history of a tide mill in Bordeaux and about mills and heritage at Templetogether (Ireland).

Mills day : Journées des Moulins et du Patrimoine Meulier d’Europe on May, 15 & 16

Finally, we would like to point out the really very beautiful layout of the journal.

www.fdmf.fr

The last issue of “Moulins de France”(Journal of the Fédération Française des Associations de sauvegarde des Moulins) gives the announcement of the Annual General Meeting to be held at Barbaste, close to Agen in the SW of France from Friday, April 30 to Monday, May 3. There are also visits of mills included. In the journal you can find papers on a carry of millstones in Claix (Charente), on a marble sawmill in the Jura and on an interesting transformation of a traditional windmill to produce electric power. Many news on activities of the associations and on new books are also available. Here we can mention a new book of our TIMS member Jean Bruggeman: “Les moulins de Villeneuve d’Ascq”. It is the third volume on mills around the city of Lille in the North of France.

jeanbruggeman@nordnet.fr

Mills day: Journée du Patrimoine de Pays / Journée des Moulins on June, 20

www.moulinsdefrance.org

Exposition in the Maison des Consuls, Luzech, 46140, France

To the TIMS Members who joined the excursion to the southwest of France in June 2006, the models of mills, most of them even operating, left an unforgettable impression. The main concern of our association is to investigate the relevance of the mills in the history of mankind and to cherish their technological and architectural diversity.



The museum provides:

- glances at the mills, over the centuries and throughout the world
- models operating or animated
- an ensemble of documents on different items
- a presentation of a collection of small mills for domestic or commercial use

Today the collection of 20 models represents 9 countries: France, Netherlands, Vietnam, Spain, Greece, Iran, Germany, Belgium, Portu-

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gal. Besides two new models are almost ready...

In the near future other models will enlarge the collection. Although the models are our main focus of our project, we will not be able to realize one for each different type of mill. Therefore some mill types will be presented by photos and videos.



The collection was started in 1977 by a retired person with not too much experience in this field, but this was overcome thanks to well informed and experienced TIMS members who willingly shared their substantiated knowledge and their precious documents with us. Without them, our efforts would have been aimless being subject to errors and inaccuracy. All of these generous informants we owe a debt of appreciation.

Since 2002, the "Lanète des Moulins" welcomes its visitors in three small halls of the tourist information de Luzech (46140) within the context of a partnership with the municipality. This temporary location will be replaced 2011 by an exhibition hall of 250 m². By then we will be able to exhibit all the models, to present the excellent documents and to exhibit an interesting collection of hand- and foot-driven mills. Besides we are able to receive substantial groups of visitors, which at the moment is hardly possible.

Our project has developed over the years. Today it presents itself as a common project that comprises specialized knowledge and complementary know-how. Each model, each design is the result of teamwork.

The request of Willem van Bergen to publish photos of some models in the newsletter of course prompts us to tell those, who are interested to support our association: every photo, plan, video and paper that is provided can help us to discover a wider spectrum of mills, with or without realization of a model like we told before.



On the other hand we want to open the promotion of the mills for the public outside of France. Some nice photos or a short video could be the spark that inflames the fire of joining the discovery of mills.

Documents, which are consigned to us, are exclusively determined for use in the museum

without commercial use.

Due to the modesty of our current exhibition facilities, we ask interested groups to be patient until the accommodation in our new location in 2011. Then finally we will be able to show them the entire collection in appropriate premises.

Jean Rogier and Jacques Chavanon

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GERMANY

Ansgar Rahmacher has made a video for the German Mill Society (DGM) on the Preservation of Mills. This video with English text can be found on the TIMS website under the following link:

<http://www.molinology.org/videos/dgm/tims.html>



GREECE

On November 3, 2009 there was held in Athens the presentation of Stelios Mouzakis' book "Pre-industrial Hydrokinetic Installations and Formation of Feudalistic Law in Western, Byzantine and Ottomanic Economy and Society"; Michael Harverson has already written to IM No 79, December 2009, about this book.

The programme of the activities of the Institute of Hellenic Mills (I.t.E.M.) from February to June is the following:

- February 27, 2010: guided tour in the restored watermill in Markopoulo, near Athens.
- March 12, 2010: presentation concerning the excursion to the TIMS mills in Moravia and Bohemia.
- March 27, 2010: visit to mills in Keratea, near Athens.
- April 10, 2010: visit to mills on the island of Tinos.
- April 30, 2010: an evening in honour of a miller from Arkadia and presentation of I.t.E.M. educational programmes.
- May (the date will be announced in due course): inauguration of a restored watermill in Mylopotamos, Crete, including a meeting concerning the watermills of the area.
- June (the date will be announced in due course): inauguration of a restored windmill on the island of Paros, including a meeting concerning the windmills of the island.

On February 3rd there took place in Athens with great success the first meeting of the Greek members of TIMS. 15 out of the 19 members took part in it, and ideas and activities for 2010 were discussed.

Best regards,

Stephanos Nomikos

154 Alexandras Avenue

GR - 11471 ATHENS, Greece

Tel.: +30.1.6434580



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PORTUGAL

Portugal's report has so many beautiful photos. We wanted you to see all of the photos, so we uploaded their entire report to the web. To view Portugal's report, [click here](#)



Tide Mills of Western Europe:

The exhibition is still available for those institutions that might be interested after the end of April 2010.

More information is available at: www.moinhosdemare-europa.org

This site is at your disposal to spread information about other activities related with tide mills.

Kind regards,

Cláudia Silveira

Ecomuseu Municipal do Seixal

Praça 1º de Maio

2840-485 Seixal

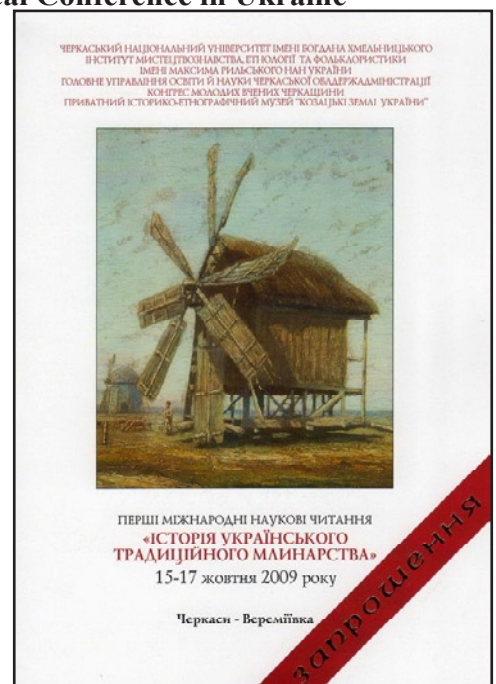
Portugal

Contacts: 00 351 210 976 112 or claudia.silveira@cm-seixal.pt

UKRAINE

First International Molinological Conference in Ukraine

As announced in the Autumn 2009 edition of this Newsletter, a delegation of TIMS Council consisting of Willem van Bergen, Ton Meesters and myself took part in the First International Conference on Molinology in Cherkasy, Ukraine. This 3-day event was organised by the Bohdan Khmelnytsky University of Cherkasy. The programme contained one full day of lectures (including one by Willem and another one by Ton), and two days of excursions. We have experienced a very successful conference in



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which many new mill friends were made. It is the intention to organise a second conference in two year's time. A full report of this conference will be published in IM80, which will come out in June.

In addition, the three of us took the opportunity to visit two major open air museums in the country, the one in Kiev (24 mills) and the one at Pereyaslav-Khmelnytsky (17 mills).

To give you an impression of the mills we visited during this trip, please [click here](#):

Do you want to know more about Ukrainian mills? Then check out the following websites:

- <http://www.mills.org.ua/> Mills in Ukraine, focused on Cherkasy province, by Nazar Lavrinenko
- <http://derev.org.ua/mlyny/mlyny.htm> Wooden architecture, including mills, by Olena Krushynska
- [New Life for Old Mills article](#)

Tip: Use Google Translate to get these pages translated in the language of your choice.

Leo van der Drift, TIMS Secretary

Ukraine readers, [Click here](#) for a special link.

UNITED KINGDOM

Help needed for Ashton Windmill

Windmills were once a common feature in the Somerset landscape, but Ashton Windmill at Chapel Allerton is now the only remaining tower mill in the county that still has its complete working machinery and a rare type of building even in the South West region.

It is a Grade II* listed building and an iconic Somerset landmark. It is owned by Sedgemoor District Council and opened regularly to the public during the summer months, by volunteers and without any charge for entry (though donations are welcome). That sounds like an ideal arrangement. The reality however is that any refurbishment or repairs, as have to be carried out on the building from time to time, have to be done to strict specifications and by specialist craftsmen; that is to say, it's expensive. In the 1990's the Council sold some land next to the Windmill and this has met the cost of major works so far, but this source is now depleted and the Council has little prospect of replenishing its fund in the light of current funding cutbacks.

The Windmill's owner since 1981, Sedgemoor District Council is now looking to enable a self-managing group of trustees to set up new funds for future use towards the cost of repairs to the Windmill when needed. This support is crucial to ensuring that the windmill will be open to the public for the future.

Anyone interested in supporting a fund for Ashton Windmill should go to the Council's website www.sedgemoor.gov.uk for more details, or telephone 01278 435399. Offers of specialised help e.g. legal advice, treasurer, event organiser, would be particularly welcome.

For further information please contact Jessica Vale, Museums Officer, Sedgemoor District Council, tel. 01278 435399

museums@sedgemoor.gov.uk

Claire Faun

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(photo by Alisa Crawford)

Bill Howell:

We were all saddened by the news of the death of Bill Howell last November. Those on the last TIMS Symposium in The Netherlands will remember his cheerful face, even though he was having great difficulty in getting around. Bill was a strong supporter of TIMS and we have all lost a good mill friend. See more in the next IM.

Mills Archive Trust: is continuing to sell the TIMS publications throughout Europe and the UK. The collection of Ken Major has now been transferred to the Archive for sorting and cataloguing.

SPAB Mills Section Tours and Meetings for 2010

The Weekend Tour this year will be to The Netherlands from June 3rd to June 7th. We will be based in Utrecht and will, amongst others, visit the mills at Zaanse Schans, Zeddam, Haaksberge, Alkmaar

Another trip will be in June to Kent for 2 days, the details yet to be finalised.

The Spring Meeting will take place on Saturday 13th March at NFU Mutual Head Quarters at Stratford upon Avon. The theme of the day is Mills Great and Small.

For further details on any of the above please contact:
simon@spab.org.uk

Snow:

This year in the UK we had our share of snow - rather too much in some places. It looked very pretty if you did not have to venture out, but treacherous if you tried to drive; we are just not used to deep snow in the UK!

I could not get down to my mill as it is down hill all the way; perhaps getting down may not have been a problem, but getting back up certainly would have been.

Now that the snow has melted, I have flooding. Besides this, the mill will have to dry out after pipes burst even though the water was turned off; we did have it -9 degrees one night. Nevertheless I am looking forward to Spring and being able to get back to normal and producing flour once again.

Mildred Cookson
13 Littlestead Close
READING, Berks RG4 6UA, England
Tel.: +44.1189.478284



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UNITED STATES

Summary of presentations at the Tide Mill Institute's Fifth Annual Tide Mill Conference, November 6th & 7th, 2009

1) Medieval Tide Mills: Some Economic Issues—Bud Warren

As an introduction to tide mills, this presentation discussed key economic issues about medieval mills and milling as presented in *Wind, Water, Work: Ancient and Medieval Milling Technology* by Adam Lucas (2004). Lucas describes how milling was integrated into activities of ancient and medieval people and explored how it contributed to modernization and industrialization in the medieval period. The impact of the milling revolution on European life was as significant at the time as is the computer revolution of today. Lucas distinguishes between agricultural and industrial mills and milling. The different roles of horizontal and vertical wheels relative to political and ecclesiastical power are explored, as are the comparative costs of new construction for medieval watermills, windmills and tide mills. Because tide mills were the most expensive kind of mill to build and maintain and tended to occur when alternative milling technology was not available, the number of tide mills tended to wane except in certain more populated areas of England.

2) Hodgkins Mill on Goose Cove—Chester Brigham

There were once 15 water mills in Gloucester, Massachusetts, at least two of which were tidal. The structure of one of these two, the Hodgkins Mill on Goose Cove, still stands today as a private residence. It was built in 1833-34 in conjunction with a causeway that dammed Goose Cove into a mill pond, with a sluiceway fitted with tide gates. Initially the mill was both a sawmill and grist mill, but sawmill operations were discontinued early. The mill shut down around 1900, and the tide gates were removed to restore boat traffic to the cove.

3) A History of Rice Culture and Water-Powered Mills in the Rice Kingdom—Richard Dwight Porcher, Jr.

Rice culture began around 1685 on the tributaries of the Cooper River in Charleston County, South Carolina. It spread to North Carolina, Georgia and East Florida, and these four states formed the Rice Kingdom of the United States until replaced by the Southwest around 1884. Rice was grown for the first few years as an upland crop, but when it was found that the plant responded to flooded conditions, cultivation was shifted to reservoir-fed fields, then to fields supplied by tidal freshwater waters from adjacent rivers.

Preparation of rice for market required three steps: harvesting, threshing and milling. Harvesting was done by hand using a sickle for the entire industry. Threshing and milling was done initially by primitive hand labor by slaves. As the industry progressed, machines replaced labor and three sources of energy were used: animal power, water power and steam power.

This presentation, although it covered all four sources of energy, stressed the use of tide water power to drive the machines that ran the threshing barns and mills.

Cultivation in the Rice Kingdom ended around 1911 for the following reasons: Destruction of the infrastructure during the Civil War, loss of slave labor, severe shortage of capital, competition of rice from the

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southeastern states starting in 1884, and destruction of the infrastructure from hurricanes.

4) Tide Mill Sites in the Spanish Provinces of Cantabria, Asturias and Galicia—Richard Duffy.

Studies have shown that tide mills existed in the greatest geographic concentrations of western Europe at different points on the north coast of Spain. But their abundant history has been little known compared to their “cousins” in England, France, and Portugal. This presentation reviewed some of the major successes of projects of the late 20th and early 21st centuries to restore the mill buildings and dams, often as part of larger redevelopment projects in both rural and urban settings. Mill interpretation has most thoroughly been carried out in the context of relating natural history at the Santa Olaja tide mill, where the wheels turn once again for visitors who are often surprised to discover this ancient “green industry” among the flora and fauna of the rocky Cantabrian marshes that have become part of an extensive “eco-park.”

Asturias possesses remarkable sites of vanished mills, and opportunities await for enhanced public access and understanding of the principality’s tide-mill heritage.

Old sites and numerous extant mill structures can be discovered in Galicia, where the tide mill of Pozo Cachon at Muros has been principally re-purposed as an art gallery. At the mill of A Seca, near Cambados, opportunities for “passive interpretation” (i.e., when the mill museum is closed) were described that could broaden understanding of the “working landscape” and importance of tide mills for the many tourists drawn to the province’s many historical attractions, wineries, and scenic vistas.

5) Maine’s Initiatives in Ocean Energy Development—Frank J. Heller

To answer the question whether offshore winds and ocean currents can provide us with unlimited electricity with minimal environmental impact, Mr. Heller provided an overview of Maine’s legacy of tidal power. Then he spoke about overcoming environmental regulatory hurdles and the coalition that has emerged to promote ocean energy programs. He provided a review of some projects already tried or underway to determine the possibilities in this area such as the Tidal Energy Center coalition, Chewonki Foundation, and Riverbank. The future depends on refocusing downward, entrepreneurs with hydrokinetic devices, fish passage v. power generation, etc. He described a proposed development project for eastern Maine, envisioned by hydroelectric engineer Dexter Cooper, involving the construction of a tidal harness for electricity generation was initiated in 1935 under U.S. Public Works Administration funding and with the blessing of President Franklin Delano Roosevelt, whose summer home was on nearby Campobello Island, New Brunswick, Canada. Also known as the Quoddy Project, it proposed impounding Cobscook Bay and part of Passamaquoddy Bay with a series of dams and control structures to exploit the resulting water level difference to generate electrical power. The electric turbines for power generation would have been located at the isthmus on Moose Island, Eastport, with the water passing between Passamaquoddy Bay and Cobscook Bay, with the “used” generating water released from impoundment at low tide. Other proposed projects include a pumped tidal

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storage power plant in Wiscasset, the Aquabank.

6) Gorlov Helical Turbine—Alex Gorlov

Alex Gorlov gave a presentation of still pictures and videos showing the installation of various sizes of his Helical Turbine in South Korea. The turbine works with both in-flowing and out-going tides in either a vertical or horizontal position. He spoke about the first experimental models and the latest permanent installation capable of producing 1 Megawatt of power.

7) The Basin Tide Mill, 1760-1850: A Contextual Case Study—Bud Warren

The Basin is a large cove off the New Meadows River in Phippsburg, Maine. The Basin tide mill is used as an example of how to study early industrial sites. Conference participants offered key issues to explore during the process. The Basin region and location of the mill were reviewed, and archaeological remains illustrated. The historic, economic and social nature of the Basin region and those involved were uncovered. Using the approach suggested by Adam Lucas, the Basin tide mill was shown to integrate into activities of people in the region.

8) Update on the Souther Tide Mill, Quincy, MA

Earl Taylor read a statement from John Goff, former Editor of the Tide Mill Times, about renewed efforts to stabilize and restore the grist mill segment of the ancient Souther Tide Mill(s) in Quincy, MA, whose old saw and planing mill were lost to fire in 2007. Early in 2009, the City of Quincy delegated its Parks and Recreation Department to spearhead the project, which was put on hold to allow John and Carolyn Marks to submit a grant request to the Massachusetts Preservation Project Fund. Because the grant was not funded, John Goff and Dennis Gray submitted a proposal to resume work on the mill with available resources, and their proposal is now being reviewed by the City of Quincy.

The Tide Mill Institute is on record as favoring preservation of this important part of the industrial heritage of this region.

www.tidemillinstitute.org

If you know of others who would enjoy future Tide Mill conferences, please let me know.

Bud Warren - the MAINE Approach
5 Berkeley Lane, Topsham, ME 04086
bwarren@gwi.net 207-373-1209

Alisa Crawford becomes the only American pro Dutch miller

Recently, Alisa Crawford of Windmill Island in Holland, Michigan passed and was admitted into the professional miller's guild of the Netherlands. Congratulations, Alisa!

[American Miller Article](#)

Dabbs Woodfin:

We received the sad news that Dabbs Woodfin had passed away following a heart attack. Dabbs came to Newlin Grist Mill from Phillipsburg Manor where he learned milling from Charlie Howell. He spent 25 years as Director at the Newlin Grist Mill and is part of the soul of the mill and surrounding 160 acre property. He will be missed by us all.

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TIMS America:

The annual general membership meeting and mill tour took place on Saturday, March 20 at Tinicum Park in Upper Black Eddy, Pennsylvania. Steve Dryden, Vice President of Friends of Peirce Mill shared information about Rock Creek Park's \$1.5 million mill restoration project and its interesting history. Peirce Mill is Washington DC's last water-powered grist mill. In addition, Ivins Smith, Copper's Grist Mill miller led a Q&A session drawing from his vast experience from grain input to product output and processes in between. Tours of Stover Mill in Erwinna, Stover-Myers Mill in Pipersville and the Mercer Museum in Doylestown were given.



Locke's Mill

MISCELLANEOUS

Interesting links

[Old mill animation](#) thanks to William Hill

[Netherlands Museum Discovers an Odd Van Gogh](#)

Help Wanted

Looking for someone to join the E-News team. Will assist with the bi-annual E-News layout. Contact Lisa Riggs for information:

lisa@danishwindmill.com

Tip

Use Google Translate to get these pages translated in the language of your choice.

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Book Reviews

LIST OF NEW PUBLISHED BOOKS

United Kingdom

New Book: Windmills of Yorkshire by Roy Gregory and Laurence Turner

Book review:

Windmills of Yorkshire

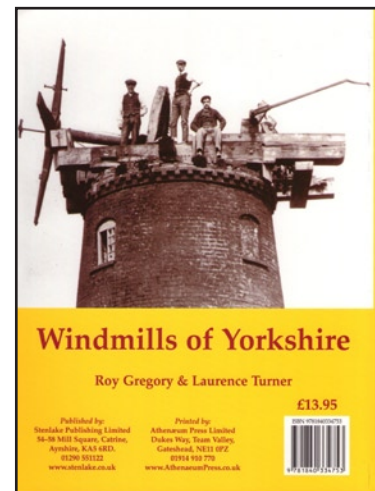
by Roy Gregory and Laurence Turner

Soft back, 210x270mm; 112 pages

published by Stenlake Publishing Ltd UK 2009

ISBN 9781840334753

Price £13.95



Short review of the book:

This book addresses the history and significance of the windmill in Yorkshire by reference to illustrations, mostly photographic. Obviously not every mill was photographed, as the authors state, and in some cases the photos are not as clear as one would have wished. Nevertheless, this is a wonderful pictorial guide to Yorkshire's vast rich heritage of windmills. Old postcards and photographs are a rich source, illustrating how mills looked at anyone period in time, and this book captures some special moments.

There is an introduction and explanation of terminology. On the inside back cover a location map for the mills, is conveniently divided into the traditional North, East and West Ridings, as well as the city of York. There is a full index of the photographs along with a list of visible remains that are not featured in the book. Each photo and illustration is accompanied by a short history with a description of the mills condition today. Sadly a lot of these windmills have now gone altogether. However, as there are just over 200 splendid pictures to look at, there is a lot to be enjoyed.

The book contains many new photographs and will delight the mill enthusiast; it is well worth the money. Congratulations to two of our long standing SPAB Mills Section members, who have produced this pictorial guide to the windmills of Yorkshire. It deserves to be a success.

Mildred Cookson

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Denmark



“Wind Power - The Danish Way”

88 pages. Softcover.

Price: 35 EUR

includes VAT and shipping.

Rebate with purchase of 10 or more.

Please contact us for details.

“Wind Power – The Danish Way” is the first book that tells the whole story of modern wind power development in Denmark — from Poul la Cour’s first wind turbines and wind tunnels in the 1890s to the factories producing 20,000 wind turbines by 1920, to the utilisation of the new aircraft industry knowledge of aerodynamics, as well as the development of the modern wind turbines during and after the Second World War.

The seven authors behind the book’s 10 chapters use their thorough knowledge of Denmark’s wind power history and technology to take the reader through more than 100 years of development, all the way up to the current status for Danish wind power in 2009. The 88–page book also features an unrivalled use of more than 150 photographs.

The book was published in English, because the subject has international interest. It is the perfect gift for anyone interested in wind power.



“Poul la Cour -Der dänische Editon”

Video, duration, 26 min.

Price: 20 EUR

includes VAT and shipping

The film “Poul la Cour — Denmark’s Edison” covers the exciting story about la Cour’s work with wind- and hydrogen energy more than a century ago. The 25-minute film was produced by Wessing Film - TV, with support from EU’s Culture Fund.

The DVD is available in Danish or German.

To Order:

Please send an e-mail to: plc@poullacour.dk, clearly stating:

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e-mail

book’s / video’s title

number of copies

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United States

Peirce Mill: 200 Years in the Nation's Capital

ISBN13: 978-0-9760905-5-7 (\$15.99)

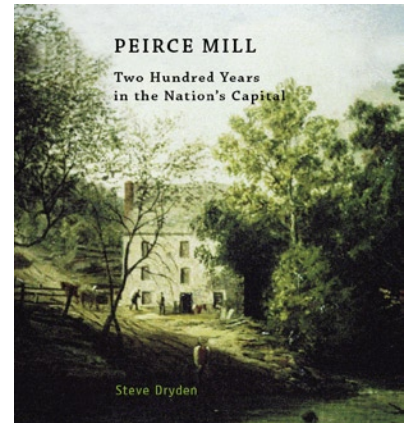
Contact: gail@bergamotbooks.net

Phone: 301-656-0049

New Book Reveals People, Stories Behind Washington's Only Mill

Washington, DC— Peirce Mill is quiet today, under restoration as part of a \$1.5 million project overseen by volunteers

who cherish the city's last water-powered source of whole wheat and corn flour. *Peirce Mill: 200 Years in the Nation's Capital*, written by one of those volunteers, Bethesda resident Steve Dryden, is the first comprehensive history of the Rock Creek Park mill.



Among the people and stories in this extensively illustrated book:

- How the Peirces, modest Pennsylvania Quakers, grew wealthy in Washington through real estate investment, horticulture, and timber production.
- The Peirce family's transformation in Washington's Southern culture, their large slaveholdings, and their narrow escape from ruin when a Confederate force invaded Washington in 1864.
- How local newspapers glorified the family's achievements and exploited its scandals.
- The family's losing battle with the federal government over the acquisition of Peirce land for what became Rock Creek National Park.
- Civic gadfly Joshua Peirce Klinge, namesake of the District's Klinge Road.
- The controversy over the New Deal restoration of the mill.
- Azadia Mamouljian, the Peirce descendant who married a Hollywood director and continued to promote the mill's story from her Beverly Hills mansion.

The Friends of Peirce Mill peircemill-friends.org, which sponsored the publication of the book, has been working on the restoration with the National Park Service for the past decade. When the work is complete, the mill will once again grind grain for visitors, who can also see Cloverdale, the family mansion, which still stands on Tilden Street, and its stone distillery, springhouse, and carriage house.

About the Author

Steve Dryden, vice president of the Friends of Peirce Mill, is a preservation and environmental activist with a lifelong interest in the history and nature of the Washington D.C. area. He has worked for the Audubon Naturalist Society of the Central Atlantic States, helping to increase media coverage of regional environmental issues, and currently serves on several nonprofit boards. During his journalism career, Steve covered a wide range of international stories, winning an Overseas Press Club Award and fellowship from the Alicia Patterson Foundation. He is the author of *Trade Warriors: USTR and the American Crusade for Free Trade* (Oxford University Press, 1995).

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A MESSAGE FROM THE E-NEWS TEAM

Dear Friends of Mills Worldwide,

We are glad to finally get this off our desk and on to your computer screen. In these days of fast-paced technology we still cannot find enough hours in a day to accomplish all of our tasks, let alone accomplish them in a timely manner!



Are you interested in advertising with the TIMS E-newsletter? We would like to offer banner advertising; the proceeds will offset the publication costs of the IM and BM which both are publications of TIMS. Contact me at my email address below.

The TIMS Council will be having their annual council meeting in September at the Mill City Museum in Minneapolis, Minnesota. The Mill City Museum is built into the ruins of what was once the largest flour mill. I look forward to hosting them in the USA.

We encourage you to join TIMS as soon as possible - you will receive the much anticipated BM20 edition that is scheduled to come out this year. Speaking on behalf of TIMS, we look forward to 2010 and to working with all friends of Mills worldwide.

Thank you to Wiard Beek and Willem van Bergen for their technical support, Iris van Bergen for translating assistance and to my assistant, Stacie Larsen.

I have attached a picture of Elk Horn, Iowa's Danish Windmill on a cold winter day; I look forward to warmer days ahead with brisk winds.

Lisa Steen Riggs
lisa@danishwindmill.com

Wiard Beek
wiardbeek@gmail.com

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