

TIMS E-NEWS

The International Molinological Society

Spring/Summer 2008

Issue 4

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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 E-Newsletter for Spring/Summer 2008. Our newsletter team, Lisa our editor, Ann (putting it all together) and Wiard (for the finishing touch), has done a terrific job once again!!

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.

I have enjoyed my first year as your President. I am always looking for new ways to increase our membership and getting young people involved.

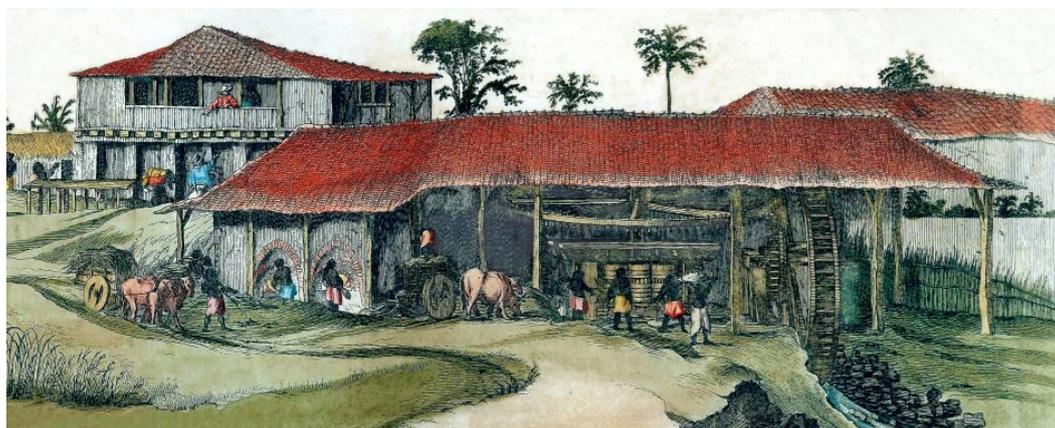
I appreciate all the time and effort of our Council members and their commitment to TIMS. They are serving as volunteers and are not paid for their time and energy.

I do count on you the members to get involved and help communicate on the happenings in the world in regards to Mills.

Some have asked what my fascination with mills is. Well, I do have a passion for Sugar Mills and welcome any information you might have to further my research on this subject.

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

Willem van Bergen
e-mail wdvb@gmx.de



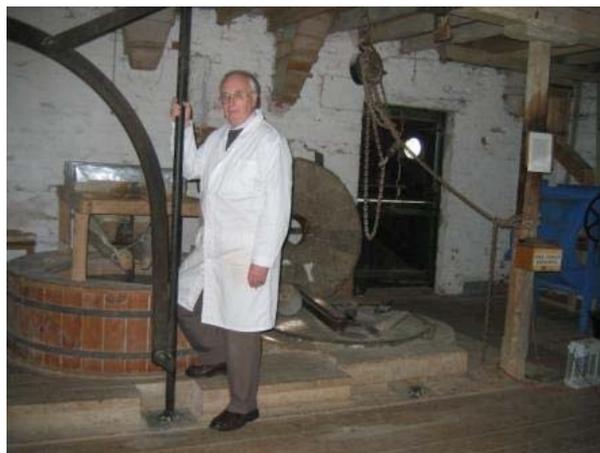
2008 Membership Fees Are Due

June 1st, the deadline for paying your 2008 membership fees is fast approaching. Instructions for payment: www.timsmills.info

[Click here to see our TIMS Membership Brochure.](#)

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 England.



Pictured at New Hall Mill, Sutton Coldfield, near Birmingham, England, **Tony Bonson** our new editor of the International Molinology (IM) which is the official Journal of the International Molinological Society.

This issue of the E-newsletter gives me the opportunity to introduce myself as the new TIMS editor. My name is Tony Bonson and I have been interested in mills for about 30 years during which time I have been a member of the Midland Wind & Water Mills Group here in England. During that time I have acted at various times as Chairman and Secretary of the group, but more importantly I have been the editor responsible for the publication of the group's Journal for the last 20 years. I have also published four books for the group, culminating in the publication of my research over 20 years into my local mills in the area around the Cheshire/Staffordshire border. I have been a member of TIMS since 1995, and I appreciate that for the vast majority (about 80%) of the TIMS membership, IM and the BM series are TIMS. Also it was after accidentally seeing IM 50 that I immediately joined TIMS back in 1995, so I am keenly aware that these publications are not only highly valued by the membership but are important to the standing of TIMS itself.

My main aim on becoming editor is to continue the high standards set and maintained by the previous editors, Yolt IJzerman and Michael Harverson. Fortunately, Ian Scotter who has been involved with the computerized layout of the TIMS publications is continuing with this role. Both Yolt and Michael were long standing members of TIMS and were also President at the same time as acting as Editor, consequently their list of contacts in the milling world were legion. Although the members of TIMS council, and especially the country representatives, will be helping me in this aspect of the editor's role, I would like to ask all the members to help by sending me any articles, news items, mill snippets, or even just ideas for IM. Do not forget that what may seem just a local mill story to you, can be of international interest to members in other countries.

So do send me your comments, ideas, and maybe complete articles to tonybonson@googlemail.com where I will always be happy to receive them.

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News From around the World

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

National Mill Days

FRANCE

A special case! Have you heard about President Sarkozy claiming "Work more to earn more"? Mills friends have heard him and now in 2008 there will be two National Mill Days:

1. Journées des Moulins et du Patrimoine Meulier d'Europe on Saturday 17th & Sunday 18th May
2. Journée du Patrimoine de Pays et des Moulins on Sunday 15th June, 15.

SWITZERLAND

The "Schweizer Mühlentag" will be held on Saturday 3rd May

NETHERLANDS

The "Nationale Molen- en Gemalendag(en) 2008" take place on Saturday 10th May, as well as on Sunday 11th May.

UNITED KINGDOM

The National Mills Weekend 2008 will be held on Saturday 10th & Sunday 11th May.

GERMANY

The "Deutscher Mühlentag" will be held on Monday 12th May.

DENMARK

The National Mill Day will be held on Sunday, 15th June.

BELGIUM

The "Vlaamse Molendag" will take place on Sunday 27th April. www.molenforumvlaanderen.be

PORTUGAL

The Portuguese National Mill Day is on Monday, 7th April. www.moinhosdeportugal.org

The Next TIMS Symposium in 2011

The 13th symposium will be held in Denmark in June 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 and millwright John Jensen form part of the organizing committee, which is chaired by TIMS council member Lise Andersen of Denmark.

It is planned to have a pre-symposium tour going to the islands of Sjælland and Fyn, and a post-symposium tour to the south of Sweden and the island of Bornholm.

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International Exhibition

Tide Mills of Western Europe

The touring exhibition "Tide Mills of Western Europe", supported by the European Commission through its Culture 2000 Programme, is now visiting the **Pôle Nature sur la Gironde (Vitrezay, France)**, where it can be seen until the next 15 June, and also the **Down County Museum (Northern Ireland, United Kingdom)**, where it can be seen until the next 30 June, nearby the most important of the remaining tide mills of Northern Ireland, the Nendrum Tide Mill, which has been built in the 7th century. This exhibition is being presented for almost 2 years and has already been visited by 45,000 visitors.

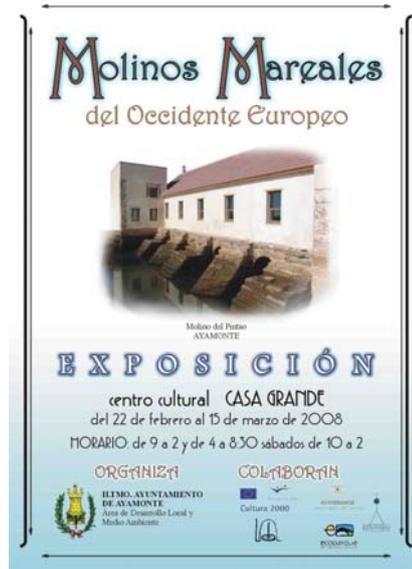


The exhibition is available for those interested from September 2008 onwards.

More information is available at the website www.moinhosdemare-europa.org This site is at your disposal to spread information about other activities related with tide mills.

Cláudia Silveira,
Contact: claudia.silveira@cm-seixal.pt

(Below are two exhibition brochures)



WALES

Cymdeithas Melinau Cymru - Welsh Mills Society

Trip to Isle of Man, 23rd – 27th June 2008

We have made arrangements for the 5 day trip to visit the island, to see the varied water powered sites, which should include the working 72 foot (22 metre) diameter Laxey mine pumping wheel (the largest working waterwheel in the UK), a fulling mill, corn mills, water powered roundabout, castle mill site, with some of the transport being by tram and steam train, plus numerous other attractions.

We still have capacity for a few more people to participate in this trip which is being arranged, with the help of the Isle of Man Department of Tourism, and Isle of Man Travel Services. The guide price is in the region of £450 per person, based on sharing twin or double room, foot passenger travel by ferry from Liverpool.

Single room extra £92. Flight supplement from Liverpool, Manchester, Birmingham, or Gloucester approximately £70 per person, Blackpool approximately £82 per person, subject to availability at time of booking. If you wish to travel from somewhere else please let me know so we can get a quote. Ferry supplement, car up to Land Rover Discovery size, £ 93 return.

If you have any queries, or would like a copy of the full itinerary, please contact me.

Andrew Findon.

Cymdeithas Melinau Cymru – Welsh Mills Society.

For more information and request Isle of Man holiday visitor magazine visit www.visitisleofman.com or phone IoM Welcome Centre on 01624 – 686766

We have made arrangements for the 5 day trip to visit the island, to see the varied water The hotel we expect to use is The Claremont Hotel, Loch Promenade, Douglas.

See website - www.sleepwellhotels.com - select Isle of Man, Claremont.

Andrew Findon [andrew@afindon.wanadoo.co.uk] this trip is now opening to members of other mills societies and groups. TIMS members would be very welcome.

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BELGIUM



On the 11th November, 2007 the Hertboom Mill Museum opened its door as a brand new museum at the side of the Hertboom windmill (also called the Zeppos Mill or Tragic Mill).

A precious collection has been put together by a group of dedicated volunteers with care and dedication.

A visit to the museum will lead you in a contemporary and interactive manner through the miller world of the past, and give you the highlights of the sad and emotional history of the Hertboom mill. Besides a retrospective look on the well-known TV series Captain Zeppos in the sixties, one can look back on 3 tragic murder cases.

For children there is the possibility to assist in unravelling a real Captain Zeppos mystery. By carrying out special tasks they will discover interactively all spots and corners of the mill site.

Address:

Hertboommolenmuseum - Windmolenstraat 20

B-1760 O.L.V.-Lombeek

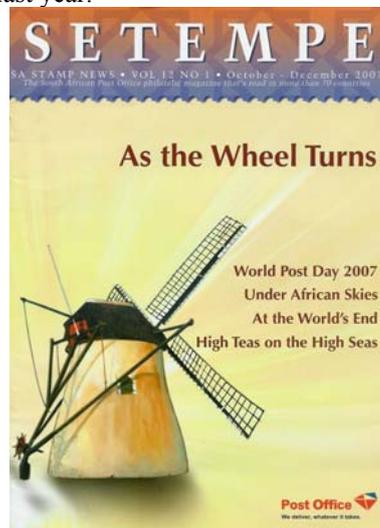
Phone: 054-518707-Email: museum@windmolen.be-Internet: www.hertboommolenmuseum.be

The museum can be visited Wednesday to Friday and Sunday from 11:00 to 17:00 hours

On Sundays the mill will be opened as well.

SOUTH AFRICA

South African Stamp News, called SETEMPE, published articles on the SA mill stamps issued last year.



Mills of SA 1st day covers launched on 9th November 2007

“Crumbling away, inexorably, beside dried-up streams, on hills and in valleys, South Africa’s once vital mills are slowly vanishing – dumped in the dust on the verges of the technological highway. No one really knows exactly how many mills still exist in this country – there were thought to be about 2 000 at the turn of the 20th century, but as they have been largely overlooked by historians, there may be even more, tucked away on remote farms.

According to the dictionary, a mill is a building containing apparatus used to grind grain into flour. The power that drives the mill, be it wind, water, animal or muscle, is harnessed by sails, waterwheels or a yoke and channelled through a system of gears to make the upper millstone revolve above the stationary lower stone, thus crushing and grinding the grain.

The earliest mention of such a structure appears in a geographical description of the ancient world by Strabo, a Greek geographer who lived from 66 BC to AD 24. He described a “water grinder” as one of the marvels of the city of Mithridates, south of the Black Sea, of which Pontus was the King. This watermill was probably a type known today as a “Greek” or “Norse” mill. Vitruvius, a Roman engineer, is credited with the design of the vertical waterwheel, thought to be between 20–11 BC. Vitruvius’ gift to the world of molinology was the discovery that, by using gears, the vertical rotation of the waterwheel could be converted into the horizontal rotation of the millstones. If the horizontal cogwheel is smaller in diameter than the vertical one, the millstone rotates faster than the waterwheel, making it perfect for use on fast-flowing rivers. Such a mill could grind nearly 200 kilograms of grain a day – 40 times that of an animal-powered mill. This adaptation may have been inspired by the vertical wheels the Persians had used for centuries to lift water for irrigation in the Middle East. This huge technological breakthrough revolutionised

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the milling industry and vertical waterwheels spread throughout the Roman Empire. One of these is shown in a beautiful 5th Century AD mosaic in the Great Palace of Byzantium in Constantinople. Vitruvius' mill employed an undershot wheel, which enabled the flow of the river to turn the vanes from beneath, thus rotating the wheel. However this required steadily flowing water, something not readily available in many Mediterranean countries, which led to the adaptation of the water power principle – the overshot wheel. The water flowed down a trough or launder above the wheel, dropping into buckets set at a point just past the wheel's top centre, thus rotating the wheel. A dam or millpond could supply the water for this type of mill and the volume of water in the trough could be controlled according to how fast the miller wanted his wheel to turn. The wheel became popular and one record states that between AD 308 and 316, a flourmill existed in Barbegal in the south of France able to grind enough grain to feed 80 000 people. Technological advancements and the spread of mills to countries with different geological phenomena saw the development of other wheels. One was the pitch-back wheel in which the trough carrying the water stopped short of the centre of the wheel and poured its cargo into buckets on the near side, turning the wheel in the opposite direction. Another was the breast-shot wheel, in which the buckets were filled from the centre of the wheel. In some parts of Europe, the breast-shot wheel outstripped the popularity of its overshot counterpart, but until the decline of watermills at the beginning of the 20th Century, the overshot versions were more common throughout the world, including South Africa. One of the earliest mentions of a mill powered by wind was found as an incidental in a document in Persia. It mentioned that Abu Lu'lua, a windmill builder, assassinated the Caliph in AD 644. (Not good publicity for millers, who were also taken to task by Chaucer for taking more than their allotted portion of the meal they ground.) Horizontal wheeled windmills, with vertical sails on a horizontal wheel spaced round a vertical shaft, are also mentioned by al-Masudi in his encyclopaedia published in AD 947. In 1977, in a study based on fieldwork and library research, Michael Harverson recorded the continued existence of windmills in northeastern Iran.

Though largely unappreciated in today's advanced technological age, for many centuries they were an important part of daily life. They have also played a significant role in South Africa's history – the introduction of the first mill soon after 1652, Jan van Riebeeck landed at the Cape, possibly pushed South Africa into taking its first steps towards becoming the industrial society it is today. To allow all the mills in southern Africa – big, small, falling apart or refurbished – to crumble away, and their stories to vanish in the mists of time, would be a great loss to the history and human development of the country. All but one of the mills referred to in this book were constructed between 1657 and 1937. The circumstances leading to their development is inextricably enmeshed with the development of South Africa. For this reason it has been considered beneficial to use maps and place names relating to this period.

Whether set in beautiful, diverse countryside, tucked away in peaceful valleys on quiet farms or standing by the side of a busy road in a new guise as a quaint coffee bar, each mill is a page in this country's vernacular history.

© Mills of Southern Africa, Umदाus Press

FRANCE

[Please click here for an announcement for a new book by Jean Bruggeman - TIMS Member.](#)

Another TIMS Member, Roland Flahaut, offers a new book which is an impressive glossary of French mill-terms. This book can be ordered at the FFAM : 16€ + P&P

The FFAM prepares "*Ecrits et Archives de Claude Rivals*". This edition can be ordered at the FFAM : 35€ + P&P

By the way: The annual congress of the FFAM will be held in the Nord/Pas-de-Calais region from May, 2 to 4. Of course there is many times that will be shared at the Parc et Musée des Moulins in Villeneuve d'Ascq close to Lille. The FDMF will meet in the Charente region from April, 11 to 13.

UNITED STATES

T. Lindsay Baker reports that the **International Windmillers' Trade Fair** is scheduled for June 10-12, 2008 in Lubbock, Texas. The Internet website for the event is www.internationalwindmilltradefair.com/Welcome.html

TIMS America Conducts Three Milling Workshops During 2008

One of TIMS America's primary goals is to support and strongly encourage knowledge sharing of the key technical aspects of milling. Therefore, TIMS America Board is offering a new exciting program of hands on and lecture workshops in 2008 to help accomplish this goal. TIMS America will be conducting an ambitious series of three workshops, to address essential aspects of mill operation and maintenance, which may be of interest to you.

The FIRST workshop was sponsored by SPOOM Mid-Atlantic and TIMS America at the

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Cooper Mill, Hackettstown, NJ, last March 7-8, 2008. The workshop included both lectures and hands-on experiences about Common Maintenance Issues and how to resolve them and the afternoon shop taught by Ivins Smith includes a section of the SPOOM Miller Training Curriculum in which each participant will gain knowledge of feeder and grinding processes, along with uncovering the secrets of the "Miller's Thumb." The second day included tours of local mills including the Ralston Cider Mill and, the Cooper Mill & Mill Town Village, plus a wool carding and spinning demo, and business meetings.

The SECOND TIMS America workshop will be conducted at the Burwell-Morgan Mill, Millwood, VA, during the June-July time frame and will include an intense millstone learning experience. It will be facilitated by Jim Kricker and demonstrate Burr Stone Reassembly (i.e. construction of a working platform, disassembly, cleanup and resetting of the burr pieces, sizing and shrinking on the bands, setting the rynd or neck bearing, and plaster backing). Few have ever seen or experienced millstone assembly from the burr pieces to a plastered and banded millstone before, so this should be a pretty exciting workshop to experience!

The THIRD TIMS America workshop will be conducted in November 2008 in Lynchburg, VA, at Millwright Ben Hassett's workshop. It will include Cog Making and Fitting for Cast Spur Gears. Each participant will learn making and fitting wooden cogs into cast iron mortised spur gears, planing rough stock to dimension, cutting cog blanks to length, proper layout and shaping techniques on shop equipment, and making keys which secure the cogs into the casting.

All milling enthusiasts are welcome! Class sizes may vary and be limited, so contact Jon Joyce -TIMS America President, (540) 955-4489, jonpjoyce@msn.com, or Ivins Smith - TIMS America Vice President, (908)887-9700, gristmiller@comcast.net for information and registration.

Two Continents—One Technology: Tide Mills on Both Sides of the Atlantic

Summary of The Third Annual Historic Tide Mill Conference of the Tide Mill Institute, Saturday, November 3, 2007 at the Dorchester Historical Society, Dorchester, Massachusetts. Speakers included David Plunkett who has been studying tide mills since his involvement from an early stage in the restoration at Eling Tide Mill near Southampton. He spoke on two topics: Searching for the Origins of the Tidal Mill and The Tide Mills of Anglesey, Wales. In the first session he informed the audience that there is evidence from ancient times of the use of tidal power, and in his second presentation he enumerated a huge number of sites on the Island of Anglesey. Claudia Silveira of Portugal spoke about The Tide Mills of the Sado Estuary. The Atlantic coast of Portugal experienced the construction of many tidal mills from at least as early as the thirteenth century. Ms. Silveira presented the Sado Estuary with the nearby city of Setubal as one of the areas of intense tidal mill activity, establishing a chronology and possible connection with salt production areas. Bill Drew of New Castle, New Hampshire, spoke about the Tide Mill in My Front Yard: the 1650 Walton Mill and his search for information about milling in New England. Bob Goodwin presented Excitement on Sedgunkedunk: A Newly-Found Tide Mill in Brewer, Maine.

Shorter presentations included a mention of Boat Mills and an update on the Souther Tide Mill in Quincy, Massachusetts. General discussion about the future of tide mills and the direction of the Tide Mill Institute completed the agenda before the group departed to view the Slade Spice Mill building in Revere, Massachusetts.

The general discussion included suggestions for more tours of mills and mill sites. Study the power generation from the tides. Possibly using Pleasure Bay in South Boston, for the installation of a model. Establish relations with governmental departments and supportive politicians. Make it easier to find the existing history of tide mills and their sites. Increase surveying of tide mill sites.

When the discussion turned to the Tide Mill Institute, the following more specific suggestions emerged: The need to involve school children should inspire us to form a sub-committee to explore educational activities. The audience was definitely in favor of holding future annual conferences.

There was a request for the Institute to develop a history of tide mills, but this suggestion was tempered with a reference to the earlier discussion about pulling together the existing history of tide mills. We need to use diplomatic resources to bring the exhibition Tide Mills of Western Europe to the United States. We should establish alliances with other groups interested in mills such as SPOOM, TIMS, and the SIA in the hopes of reaching a wider audience and sponsoring cooperative projects. We should build links to those in other disciplines: engineers, archaeologists, social scientists, commercial historians, environmentalists, etc. It was a very productive Conference for all that attended.

Earl Taylor

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GREECE



Programme of the activities from January to July, 2008

March 21-22 :

Science meeting dedicated to windmills:

21/3: Three presentations concerning windmills in Naxos and Kassos.

22/3: Visit to a restored windmill in Markopoulo, near Athens.

April 11-12 :

Science meeting dedicated to watermills:

11/4: Three presentations concerning watermills in Lesvos, Larimna, near Theva, and Livartzi, near Patras.

12/4: Visit to the watermills and fulling tubs near Argos.

May 1-4 :

Trip to Tinos and visit to windmills and watermills of the island.

May 18 :

International Museums Day

Visit to the Folklore Museum in Salamis and the ruined windmills of the island.

June 7 :

Visit to the watermills in Istiea, Eubea.

July 12 - ? :

Trip to Naxos and visit to windmills and watermills of the island.

*The briefing and the presentation will be conducted by Stephanos Nomikos so as the members of the Institute of Hellenic Mills (I.t.E.M). may be informed as far as the work of the TIMS is concerned.



Ruined windmill in Istiea, Tinos island



Restored windmill in Markopoulo near Athens



Watermill in Marmaroti, Naxos island

LATVIA

It all started with an email sent

It all started with an email from the country of Latvia sent to TIMS. In the email, we were asked for detailed drawings on how to restore the cap of a Dutch windmill. After some emails going back and forth, we found out that a mill in Latvia, today just a tower (Fig 1), should be restored in its old glory. The mill is located close to the city of Lecava.



Fig. 1



Fig. 2

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Instead of looking for drawings of a cap for a Dutch mill, we suggested to look into the cap structures of mills in Latvia and Lithuania. Very helpful was a picture (Fig. 2) out of 1930 showing the mill as it used to be. In addition parts of the mill were still available (Fig. 3 & 4).



Fig. 3



Fig. 4

Our very own TIMS President Willem van Bergen (who happens to work in Riga quite often) had a meeting with the owner, Edmunds Racko in Riga and showed him some drawings and pictures of various mills in Latvia and Lithuania (Fig 5, 6 & 7).

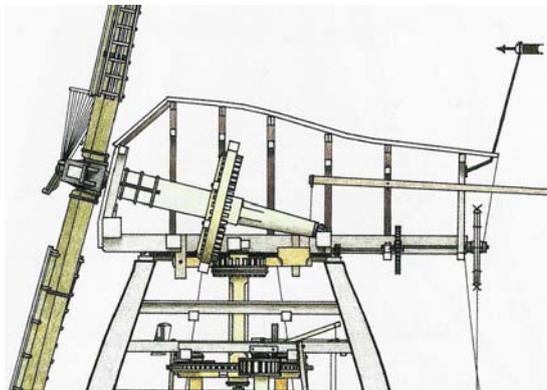


Fig.5



Fig. 6

It was also agreed to visit the mill on March 15. For this event Alis and Dora Morkunas, TIMS members living in Lithuania, were also invited. The day turned out to be a real happening. The mill to be restored was visited, as well as 2 more mills without sails, and finally the restored mill in Ceraukste.



Fig. 7



Fig. 8

At the third mill they had a little problem: the car got stuck in the mud. A second car that came to help out ended up in the mud as well. After half an hour, a tractor managed to pull the car out of

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the mud (Fig. 8 & 9).

The day ended with a cup of coffee in the restaurant next to the mill in Ceraukste (Fig 10). Alis agreed to help give technical support to the owner in the restoration of his mill. As a Baltic's specialist he is best suited, and there will not be any language problems. We will keep you informed



Fig. 9



Fig. 10

THE NETHERLANDS AND FLANDERS

Spring excursion

The 31st of May 2008 the spring excursion will go on in Flanders and will have as subject "Postmills in the Kempen", which is an area south of the Dutch borderline and east of Antwerp. Paul Gevers, a well-known Flemish mill architect will tour us around. More details to be published later. Contact our secretary wiardbeek@gmail.com if you have interest in this excursion.

European Mills database

European Mills database, featuring more than 8000 mills across Europe, will be available in May again on the Web. The database underwent major revision. It is an important source of information and useful help when planning mill trips. It can be found at www.molens.eu For more information, please contact the webmaster Jan van der Molen at info@molens.eu or eu.molens@gmail.com

GERMANY

Invitation for the "Millstone Colloquium" at Mayen – Germany

This year's major event will be the International Millstone Colloquium at Mayen: Millstone Quarries. Research on an European Industrial Heritage (Antiquity-21th century)



Dates: 28.10.-1.11.2008

Place: D-56727 Mayen / Eifel

Details are attached. The program is not yet final and prices are not yet calculated. Inquiries should be made to the organizing committee.

Click on the following link for the invitation and call for papers:

<http://web.rgzm.de/564.html>

Data library of millstone quarries:

<http://meuliere.ish-lyon.cnrs.fr/index.html>

TIMS members are kindly invited to the symposium.
Gerald Bost, D-13465 Berlin

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CZECH Republic



1.
It is a pleasure for me to reveal some of the plans for the Mid Term excursion in 2009. The destination will be the Czech Republic. What I can tell You now, is only a draft of the program. In July I will have a meeting with our Czech members, and the terms and a more detailed program will be made afterwards.
In area the Czech Republic is not large – 79.000 km² - but when you make a travelling program, you have to take in consideration the mountains – and it means that we have to make some choices.
The Czech Republic has two bigger regions the western part Cechy and the eastern part Morava, and I propose that we choose to visit Morava, which in my opinion is the richest area seen from a molinological point of view.
2.
After all the meeting point will be Prague. It is easy to reach from all corners of the world either by plane or by train.
3.
From Prague we will go to Brno – the second town in Czech Republic and main town of Morava. Today there is a modern motorway between the two towns – the distance approximately 200 km. On the way it will be possible to make some roundabout route to see some mills.
4.
Brno is a town with a lot of institutions of higher education - Viktor Kaplan, who invented the Kaplan turbine, was a teacher at the German technical college in Brno.
The town has a nice atmosphere – situated in a wine district there are a lot of nice pubs with local products.
Just in the centre of the town, you will find Hotel Slavia, which has a desirable location, a very good kitchen and - it is relative cheap. I hope to find room for us there.
5.
In the surroundings of Brno is a lot of technical industry, and in the small town Blansko a sizeable factory “ČKD Blansko Strojírny” is producing all kinds of water and wind turbines.

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2. The windmills north of Brno



Ruprechtov



Rudice

Ostrov u Machohy



6.

The program for day number 2, will be an excursion first a little to the west in Svratka vally, and then to the north of Brno – it is all in short distances.

7.

First we will see the rollermill Jarošuv Mlýn in Veverská Bityška. The mill was built in 1938 as a kind of “pattern mill” for the firm Prokop Milling machines, and the machinery is intact. The mill is driven by two francis turbines and an electromotor.



Slup

Klobouky



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8.

Next we will see some of the many windmills in the area north of Brno. They are all build with cylindrical towers from stones, and with the typical flat cap at the top. One of the mills – in

Ruprechtov in 1882 got an American Halladay turbine on the top, but the turbine which is seen today in fact is nearly 100 % reconstruction, because the original turbine was destroyed by the Germans during the 2nd world war. The German soldiers used the turbine as target in their target practice.

9.

The third day we will go southward to the region near the Austrian border.



10.

On our way, we can visit for example the post mill in Klobouky – the last of before three windmills standing on a hill west of the village.

But the exiting main destination for the trip is the Slup watermill, which is a technical monument of great importance.

The canal by which the mill is constructed is made by Cistercians in 1502. The mill has 4 paddle blade wheels, and inside rich machinery has been preserved. In the former millers dwelling an exhibition about the development of mills is to be seen. The exhibition is arranged by the Technical Museum in Brno.

11.

The forth day will bring us to the east – near to the Slovak border.

12.

On the way we will visit the Skalička post mill. The mill is one of the biggest post mills in Morava. It is private owned. During the communist period, the mill was seized by the authorities, but now the last miller's family has got the mill back. The miller's son Antonin Červek uses much time and money to restore his forefathers' mill.

13

Between Skalička and the Slovak border we find Vallaske Muzeum v prirode – the vallacian open air museum. The museum has three parts: the little wodden town, the village area and the mill valley.

The Mill Valley is a “must” for visitors interested in mills. It is an area composed of technical buildings that have been located on a piece of land around an original millrace. The buildings include a grain mill, a fulling mill, a saw mill, an oil crusher and a hammer mill. All mills are in operation.

In the village area of the museum we find two windmills – a post mill and a very small windturbine, which served only one family.

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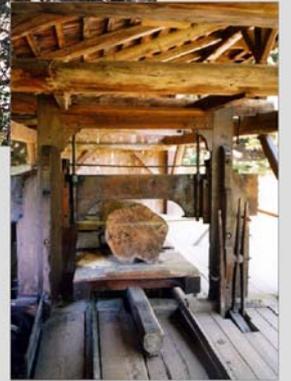
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Výsocina



14

On day 4 we go westwards again – in direction Prague.

15

On the way I hope very much it will be possible to visit the Prokop Factory in Pardubice. Last time I made an Excursion for Danish mill friends to the Czech Republic, I had made an agreement with the director, but fourteen days before our arrival the firm had to suspend payments, and the director got other things to care about than Danish visitors! Now the economy has been stabilised, and personally I should very much like to go there. Prokop was founded in 1870 and ever since they have made a lot of roller mills. In 19th and 20th century Prokop rollers were as much used in Denmark as those from Bühler and Miag.

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16

The open air museum in Výsocina is also worth a visit, with its grain mill, saw mill and fulling mill.

The Czechs like very much a special delicacy called “povidla” made by boiled down plums – and in one house is found an interesting mechanism – the stirring in the pots with plums is done by waterpower!

17

On day 6 we will be back in Prague. From here it will be possible to visit some watermills in the neighbourhood of the capital – for example the watermill under the famous Karlstejn castle.

This is only a draft of the program – but I hope, I have given you some idea of The Czech Republic as “mill-county” – additional benefits to the mill experiences will be the great hospitality of Moravians, the lovely moravian nature, the building culture as such, and not unimportant I think – also their production of tasty wines and beer.

Lise Andersen

More information will follow: [Dates for your Diary](#)

Bibliotheca Molinologica No. 20

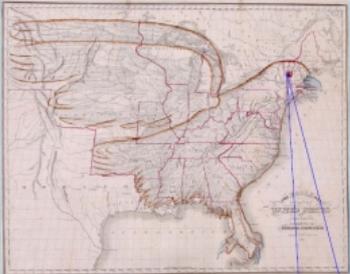
(BM20) in preparation By Gerald Bost

For more than 3 years a team German, American, Dutch and English TIMS members are working on the next BM Volume. This publication is focused on the significance of “Industrial Espionage by Ganzel & Wulff in early 19th Century”. Most of the research work has been completed and we are now in the writing and translating process. The original book, written by Ganzel & Wulff will not only be translated, we will also provide most of the drawings made by G&W (this was the most difficult part to get hold of). Donations are very welcome and should be paid to the treasurer or Country representatives (Council members), stating “BM 20”.

The BM20 team would very much appreciate, if TIMS members could support this project with pictures or old postcards for the following mills, which are part of the whole story and should show the mill at a very early date in 19th century:

With the eye of an eagle

German mill espionage at the beginning of the 19th Century



BM 20 planned for publication late 2008

Sponsors are welcome!



The International Molinological Society
Gerald Bost – Germany / Derek Ogden – United States of America

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Mill	Location	Country
Watermill Mewe Mill built by Wulff / owner of the mill: Witt	Mewe or Möve (Danzig) now Gniew	Poland
Watermill Ohlau Mill built by Ganzel / owner of the mill: Rother	Ohlau (Breslau) now Olawa	Poland
Mill Oranienburg Mill built by Kessel	Oranienburg (Berlin)	Germany
Steam-Mühle Magdeburg Mill built by Fenton Murray / owner of the mill: Schwarzlose	Magdeburg	Germany
Mill Hamburg Mill built by Freund	Hamburg	Germany

Windmill Elberfeld Mill with "Selfregulation" (Windrose?)	Elberfeld	Germany
Mill at Guben Owner: Josef Corty	Guben	Germany
Steam-Mill Berlin Owner: Schumann and Krauske	Berlin	Germany
Mill Stralsund Owner: Spalding	Stralsund	Germany

Pictures should be scanned in 300dpi and saved as jpg- and tiff-files. Please send to the author Gerald Bost, Bulgenbachweg 24, D-13465 Berlin or mail to: tims@windmill.de
Thank you very much for your support, Gerald Bost, D-13465 Berlin.

Ganzel & Wulff, Possible Chapter & Section Headings

1. Introduction

- a. Germany in 1827 / Industry & the State
- b. German milling industry in early 19th century

2. The journeys of Ganzel & Wulff (From 1832 book pgs 1 - 40) [translation]

3. US Mill Technology (from 1832 book pgs 41 – 76 [translation]

- I. Descriptions of the individual machines found in an American mill
- II. The arrangement of machinery in an American mill
- III. The use of machinery in an American mill for the manufacture of meal
- IV. Concerning the assessment & inspection of meal
- V. Concerning the grain type

4. Comment on Section 3

Details to the mills visited by Ganzel / Wulff

5. German adoption of American Milling Techniques

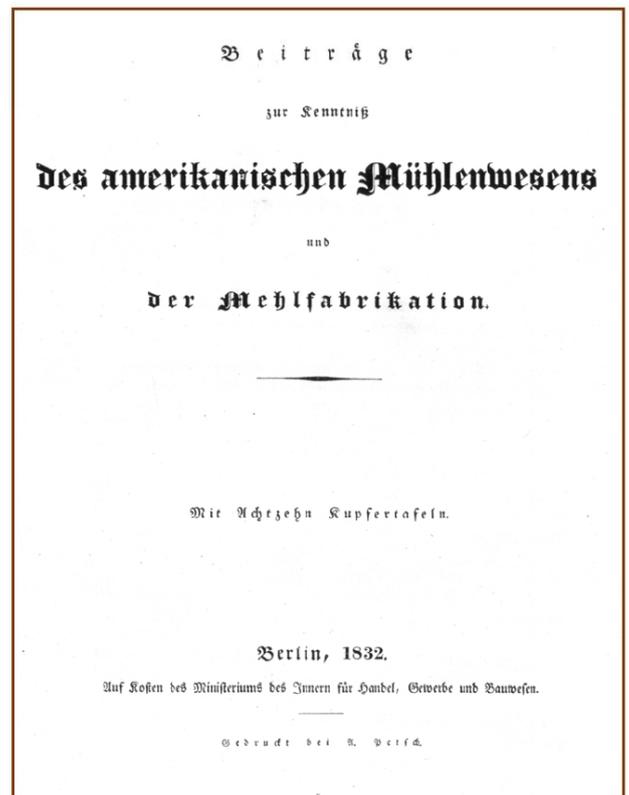
6. Conclusions

7. Bibliography

8. Index

**9. Drawings made
by Ganzel & Wulff**

Document: Chapters_VI.doc
Berlin, 10th march 2008



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TIMS Transactions No. 11 Is Available For Sale

Proceedings from the 2004 Symposium in Portugal



Dear TIMS members and friends:

I am glad to announce that the Transactions of 11th TIMS Symposium (TR11) have finally been printed.

All Symposium participants should have received already one book free of charge (sent to their home).

If you would like to have your own copy, it will cost you 35 Euros (-10% for TIMS members having paid their contribution) plus packaging and postage. P&P to Portugal is 1,39€, to EU countries 6,94€, to the USA 13,33€, and to the rest of the world 17,32€.

To order your personal copy please send an email to tims@netcabo.pt and you will receive payment instructions.

In case you wish to order more than one copy discounted prices together with optimized P&P costs will be available.

Best regards,

Jorge Miranda

TIMS 2004 Symposium Chairman

tims@netcabo.pt

List of Papers in these TIMS Transactions No. 11:

- The Windmills of Alexandria
- Corn-grinding Watermills in Cyprus (18th - mid 20th centuries)
- Mills Archive International Implications
- The "Thrace, Aegean, Cyprus" Programme: Research conducted by the Institute of Hellenic Mills.
- Seasonal Movements between Milling by Water and by Wind in the Sizandro Valley
- The Watermill of the Palace of the Marquis of Pombal
- The Drive Mechanism of the Overshot Watermill of the "Marqueses de Pombal" Palace - Oeiras
- The Power and Efficiency of Waterwheels in Theory and Practice
- Traditional Water-powered Systems in thrace. An Overview
- Searching for the Origins of the Tidal Mill
- New Contributions to the Study of Tide Mills of the Tagus Estuary: the Case of Seixal
- Mills and Millers of the Rio Guadiana
- Use and Protection of Timber in Portuguese Traditional Windmills
- Early American Mills and the Transfer of Technology
- The Japanese Wooden Watermill - The Sharing Watermill in the Suburbs of Tokyo as its example
- Box Mill (Japanese Rice Stamp Watermill)
- Windmills on the Estonian Mainland
- Windmills in Yugoslavia
- Grinding in France in 1809 (a Study in Answering the Question)
- Governmental Regulation of Water Mills in Colonial Virginia
- Cartographic Disclosure and the Essence of Mills
- The Mills of Olymbos; Karpathos: Introducing an Ethno-Archaeological Study
- Mills, Villages and Landscapes of Barroso Mountain (Boticas)
- Notes on Early Sawmills in Holland
- The Mills Northwest of Lisbon
- The Industrialisation of Rice Husking Using Watermills in the River UI - Oliveira de Azemeis
- Yamada-type Wind Turbine and its Aerodynamic Reevaluation
- Patents as a Key to Understanding Wind Power History in the United States

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Special Mill Organizations

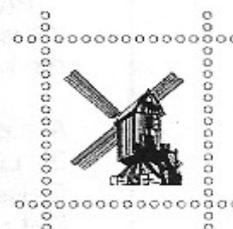
Windmill Study Unit

This time we would like to highlight the Windmill Study Unit (WSU), which is a part of the US philatelic organisation ATA. The WSU was founded in 1974, and about 250 members, spread all over the world. The Membership is 12\$ per year. See the website for more details.

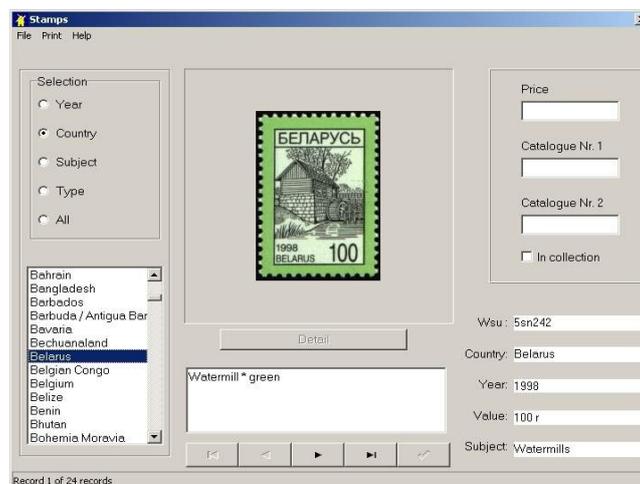
It started as a philatelic unit, with members collecting mill stamps. Nowadays also other mill items are collected like matchbox covers, telephone cards, coins, banknotes and sugar bags.

The WSU publishes a quarterly magazine, called Windmill Whispers, which informs the members on new issues of mill stamps and related items.

Windmill Study Unit, Est. 1974



American Topical Association



A very interesting CD-ROM with hundreds of scans of mill stamps, as well as a program to view the stamps, is available from the WSU for 13€

For orders or inquiries write to: millcat@wanadoo.nl

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WSU Website: www.wsuweb.eu



Book Reviews

List of New Published Books

Axel Feuß
Axel Feuß: Wasser-, Wind- und Industriemühlen in Hamburg

Wasser-, Wind-
und Industriemühlen in Hamburg



BOYENS

German Book

Axel Feuß: *Wasser-, Wind- und Industriemühlen in Hamburg* = *Arbeitshefte zur Denkmalpflege in Hamburg*, Themen-Reihe, vol. 9, issued by the Department of Protection of Historical Monuments, published by Boyens Medien, Heide 2007, 216 pages, 100 illustrations, ISBN 978-3-8042-1234-3, price € 19.80
The last serious publication on the Hamburg mill history appeared more than twenty years ago. This book now provides for the first time a complete and comprehensible history of all kind of mills in Hamburg since the 12th century including the city's territorial history and urban development. It is followed by a catalogue of still existing buildings and of all known historical water-, wind- and industrial mills in town.

Irish Book

The Early Medieval Tide Mills at Nendrum Monastery, Strangford Lough

Author: Thomas McErlean and Norman Crothers

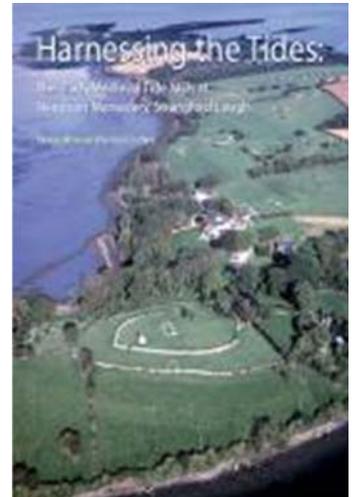
Publisher: TSO (The Stationery Office)

This publication 'Harnessing the Tides' tells the story of the excavation of two Early Medieval monastic Tide Mills, one of which is the earliest discovered so far anywhere in the world. 'Harnessing the Tides' also covers the history and archaeology of the important Early Medieval monastery of Nendrum, located on an island in Strangford Lough. ISBN 10 0337088772 www.tsoshop.co.uk/bookstore.asp
Review of Harnessing the Tides (December 5, 2007).

Source: The Belfast Telegraph.

Story by: Linda McKee

www.belfasttelegraph.co.uk/news/local-national/article3224153.ece



United States Book

MILLSTONE STUDIES: PAPERS ON THEIR MANUFACTURE, EVOLUTION, AND MAINTENANCE

by Donald B. Ball and Charles D. Hockensmith

The Symposium on Ohio Valley Urban and Historic Archaeology (SOVUHA) and the Society for the Preservation of Old Mills (SPOOM) are pleased to announce the recent (August 2007) joint publication of *Millstone Studies: Papers on Their Manufacture, Evolution, and Maintenance*. This volume stands as a noteworthy and informative contribution to the study of an indispensable but much unappreciated component of America's early technology and material culture.

ISBN 978-0-9703373-9-9 (8½ x 11 inch format; perfect bound; vii + 223 pp.)

Price \$25.00 plus postage.

Attn: Historic Sites Symposium - Dr. Kit W. Wesler - Department of Geosciences
Murray State University - 104 Wilson Hall - Murray, KY 42071

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IM No.76

TIMS Editor Tony Bonson reports what's coming up next in the IM76

The next IM, volume 76, is due for publication in July 2008. It will feature the story of the city and country mills in the USA up to the civil war there in the 1860s. There will be an account of mills in Slovenia, one of the new countries born out of the break-up of Yugoslavia and also how American servicemen used wind power to keep their uniforms clean during WW 2. There will be the usual quota of book reviews and news items and some correspondence on the terminology used in the hoarded windmill article published in IM 75.

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

A Message From the E-News Team

We hope you enjoyed the 4th edition of the TIMS e-news. The articles and newsbytes were provided by you the members. The TIMS Council is always open for suggestions on ways to improve our communications. We are looking for volunteers to assist with the future TIMS e-news, please volunteer. The world is becoming smaller all the time due to new technologies. Special thanks to Wiard Beek our webmaster who has assisted with this e-news letter plus our contributors to this e-news. We hope this way of communication will help bring news to you faster and encourage membership growth. The majority of our members now have access to the internet, but we still do not have all their e-mail addresses. If you know of someone that should and is not getting this e-news please contact your countries representative and let them know. Enjoy!

Lisa Steen Riggs e-mail- lisa@danishwindmill.com

Wiard Beek e-mail- wiardbeek@gmail.com

(We have used our best efforts in collecting and preparing the information published herein. However, we do not assume, and hereby disclaim, any and all liability for any loss or damage caused by errors or omissions, whether such errors or omissions resulted from negligence, accident, or other causes.)

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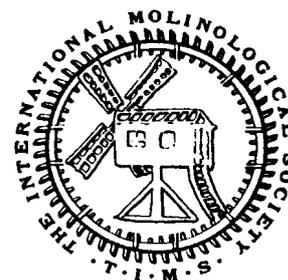
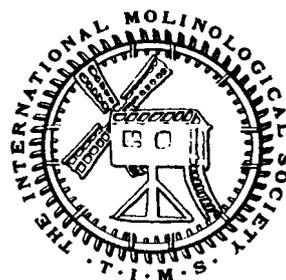
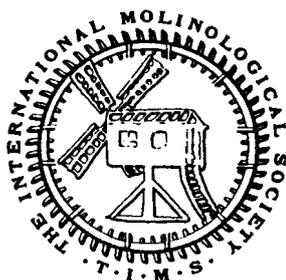
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Restaurer le moulin

Par Jean Bruggeman

Co-édition ARAM Nord-Pas-de-Calais - FFAM

L'engouement pour la nature, le retour aux sources, la découverte du patrimoine, les énergies renouvelables s'accroît chaque année davantage. Les éoliennes fleurissent partout dans le monde, prouvant que cette source d'énergie millénaire qu'est le vent a encore de l'avenir. La force de l'eau employée depuis deux millénaires, si elle a subi le contrecoup des énergies fossiles, son avenir n'en est pas moins assuré car non polluante et renouvelable.

Nos bons vieux moulins, tant à vent qu'à eau, après avoir rendu tant de services, ont été bien malmenés ces 120 dernières années, mais il en reste encore beaucoup dans le fond de nos campagnes, restaurés ou à restaurer.

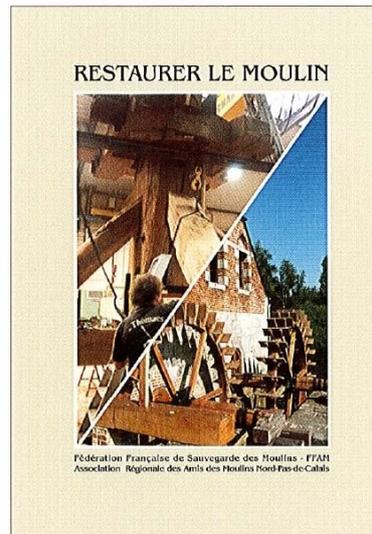
Grâce aux journées des Moulins, du Patrimoine et autres animations, de plus en plus nombreux sont les citoyens et citoyennes qui se découvrent l'envie d'ajouter leur pierre et d'acquérir un moulin en perdition dans le but d'en faire une résidence mais surtout de sauver un élément passionnant du paysage.

Ce livre leur sera alors utile, car bien souvent l'expérience manque pour entreprendre une réhabilitation d'un monument aussi complexe. Après un court historique de chaque type de moulins, leur restauration est abordée par des conseils généraux, sans

entrer dans des considérations trop techniques, tant est grande la diversité des moulins. Des listes de moulins répartis dans toute la France permettront aux curieux de les découvrir. Il se termine par des exemples de rénovations réalisées tant par des collectivités que des particuliers.

En voici les grands chapitres :
-Les moulins, une histoire ancienne
-Le moulin à eau
-La restauration du moulin à eau
-Le moulin à vent
-La restauration du moulin à vent
-La réutilisation du moulin
-Pourquoi restaurer un moulin
-Quelques exemples de restauration et de réhabilitation

Ouvrage de 128 pages, format A4. Impression entièrement quadrichromie. Comprendant 345 illustrations : photographies, plans, croquis. Papier semi mat 150 gr. Couverture cartonnée tollée avec pelliculage, dos carré cousu fil de lin.



**Prix : 25 €
(frais d'envoi : 8 €)**

Le livre sera vendu en souscription au prix de 20 € jusqu'au 15 avril 2008.

✂-----

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Plus participation au frais d'envoi pour les commandes par la poste.
Le livre sera disponible au Musée des Moulins à Villeneuve d'Ascq, à partir du 25 avril 2008.

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A better print version is available on the Internet, click the next link:
[Announcement for a new book by Jean Bruggeman - TIMS Member.](#)

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TIMS BROCHURE

Alde mill, Virginia, USA.



To join TIMS please use the enclosed Membership Application Form. Our website – see below – will tell you much more about TIMS and about mills around the world. Alternatively, for further information please contact your nearest TIMS representative or write to the address on this leaflet.

Cover picture: Three-sided wooden windmill at Vila Verde, Figueira da Foz, Coimbra, Portugal.

Undershot waterwheel at Nemours, Seine-et-Marne, France.



The International Molinological Society
Mr Leo van der Drift, Secretary
Groothertoginnelaan 174B
2517 EV Den Haag
The Netherlands
e-mail: leo.diederik@consunet.nl



THE INTERNATIONAL MOLINOLOGICAL SOCIETY

T I M S

Membership of TIMS

Membership of TIMS is open to any person or organisation sharing the aims outlined here. Members receive two journals a year, plus a copy of new volumes in the *Bibliotheca Molinologica* series. Membership is on a yearly basis, beginning in January. Members joining later in the year will receive copies of any publications issued earlier that year. In 2002 there were over 600 members, drawn from 30 countries.

Uni-directional windmills on the Ambelos Pass, Lassithi, Crete, Greece.



TIMS and its Aims

The term 'molinology' was coined by Joao Miguel dos Santos Simões from Portugal at the First International Symposium on Molinology in 1965 to define the study of mills. The International Molinological Society (TIMS) is a society which fosters worldwide interest and understanding of wind-, water-, human- and animal-powered mills. The Society encourages research and promotes all aspects of molinology including the restoration of mills. Through its Council and individual members, it works closely with national mills organisations and societies. Some national TIMS groups also organise their own programmes for promoting contact between members for the study of their own mills. The Society's General Meeting is held during each Symposium. The Council is elected on this occasion to run the Society's affairs for the next four years.

On the stone floor at Wickham Market watermill, Suffolk, UK.



Watermill in the Lesach Valley, Carinthia, Austria.

Publications

In order to broadcast and share knowledge and information about mills, the Society issues its journal *International Molinology* twice a year. This contains original articles, book reviews, communications and TIMS news items. Extended monographs are published in the series *Bibliotheca Molinologica* which contains 16 titles to date. English is the official language of TIMS, though summaries in French and German are included with *International Molinology*. A full list of TIMS publications can be found on the website, www.timsmills.info.

Drainage mill "Kjellårmølle" at Marum, Friesland, The Netherlands.



Meetings of TIMS

Every four years an International Symposium is held in one of the member countries. These week-long occasions give members an opportunity to meet fellow-molinologists from around the world and to present papers on research carried out into aspects of mills and milling. Also included are field visits to mills of interest. Following the Symposium, the papers and discussions are published in the form of Transactions. This sharing of information, research and expertise is an important part of the work of TIMS. TIMS Symposia have been held in Portugal (1965), Denmark (1969), Netherlands (1973), England (1977), France (1982), Belgium (1985), Germany (1989), Wales (1993), Hungary (1997) and USA (2000). Occasional mill tours have also taken place – most recently to Sweden (1995) and Germany (1999).

TIMS is the only organisation that exists to promote mills at an international level.

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