



# 24<sup>th</sup> Nordic Mycological Congress

Second Circular



We would like to invite you to the 24<sup>th</sup> Nordic Mycological Congress – NMC XXIV–, which will take place in **Sunnhordland in western Norway** from September 3. through September 8. 2019. Our activities will be situated in the coastal landscape of Stord, Tysnes and Bømlo.

More information on the website of the [Norwegian Association for Mycology and Foraging](#).

The Congress will be arranged at the Grand Hotell, which is situated in the middle of the small town Leirvik, Stord. We will set up working stations and our exhibition at the hotel. We recommend that you bring your own microscope.

## Accommodation:

The room rates with **full board**, which includes breakfast, boxed lunch, and dinner at the Grand Hotel Stord are provided below. We will organize the bookings, and it will later be decided if you pay upfront to us or directly to the hotel during the stay.

### [Grand Hotel Stord](#)

Double room, including breakfast, boxed lunch and dinner: 1145,- NOK per day/person.

Single room, including breakfast, boxed lunch and dinner: 1395,- NOK per day/person.

## Additional Accommodation Options

There are other accommodation options available in the area.

Camping cabins can be rented at [Sponavik Camping](#). Sponavik Camping is situated 15 minutes' walk away from the Grand Hotel Stord.

Renting private lodging through [Airbnb in Leirvik](#) is another option. If the link does not work on your computer, just open AirBnB.com and search for "Leirvik, Stord", but remember Airbnb has a very broad understanding of "nearby", so make sure the object is within walking distance from Grand Hotel Stord.

Please note that you will have to make your own reservation, if you choose either of these two options. You will also have to book the Congress.

## Registration and Congress Fee

Congress registration will be done through the website of the [Norwegian Association for Mycology and Foraging](#).

Early bird registration with a reduced Congress fee will be available until April 5. 2019.

Early bird pricing is **800,- NOK**.

Late fungus pricing is **1000,- NOK**.

Deadline for late fungus registration with full congress fee is June 10. 2019.

The Congress fee will be invoiced as pdf to your email address and can be paid using bank transfer or our account at [PayPal](#). Please make sure you pay the exact amount in NOK. Additional information will be provided once you register for the Congress.

Please note that there might be additional charges for transportation if you participate in excursions where we are dependent on boats. We are making efforts to get financial support to cover traveling expenses. If we succeed, there will be no additional charges for these excursions.

The closing celebratory dinner of the Congress on Saturday September 8 is included in the full board if you are staying at the hotel. Other participants that are not staying at the hotel can pay **535,- NOK** to participate. You will have the option to register for the dinner when you register for the Congress.

### Excursions and Habitats

The Stord-Bømlo-Tysnes island archipelago can offer a wide range of coastal/oceanic types of forests and grasslands. This is due to the very varied topography and geology, including richer/calcareous bedrocks. A wide range of these habitats can be experienced within walking distance from our hotel at Leirvik.

For a mouthwatering glimpse of the mycota of the area, have a look at Per Fadnes webpage:

<http://ans.hsh.no/home/pf/frontpage/>



All photos: Per Fadnes

These reports by Bjørn Moe (the first one) and Per Fadnes (the remaining ones) are also recommended:

Kartlegging og verdisetting av. Naturtyper i Sveio. Sveio kommune og Fylkesmannen i Hordaland 2009: <https://docplayer.me/61713459-Kartlegging-og-verdisetting-av-naturtyper-i-sveio-sveio-kommune-og-fylkesmannen-i-hordaland-2009.html>

Supplerende kartlegging av kulturlandskap i Sunnhordland 2009-2010, Oppdatering og status: <http://hdl.handle.net/11250/152130>

Nye lokaliteter og nye funn av sopp i kulturlandskapet i Sunnhordland og Nord-Rogaland 2011-2012:  
Oppdatering og status: <http://hdl.handle.net/11250/152136>

Ny og supplerende kartlegging av biologisk mangfold i Sunnhordland og Nord-Rogaland 2013 og 2014:  
<http://hdl.handle.net/11250/278356>

Røddlistearter i Stord og Fitjar, samt litt generelt om natur og sjeldne naturtyper i Sunnhordland:  
<http://hdl.handle.net/11250/2443538>

Nye funn av Karplanter og Sopp i Sunnhordland 2008: oppdatering og status:  
<http://hdl.handle.net/11250/152089>

If you are not able to download PDFs by following the links please send me an email and I will provide you with the PDFs (a.k.wollan@nhm.uio.no).

Many of the *semi-natural grasslands* in the area are still managed traditionally with sheep and cattle grazing. A number of localities are examined thoroughly as they are among our richest localities for grassland fungi. Up to 30 species on the red list have been registered at the locality at Spyssøy. The list of species includes numerous species from the genera *Hygrocybe* (sensu lato), *Entoloma*, *Geoglossum* and allies. The *H. calypriformis*, which has been used as the logo for this Congress is on the list of species found here. Additionally, there will often be open woodland where hazel coppices occur adjacent to the grasslands.

The dominant *pine- and deciduous forests* have not been subjected to as much scrutiny by mycologists, as the grasslands in the area have been. The western coast of Norway offers ancient oceanic/coastal pine forest types that can be 6000-8000 years old. They span from dry, moss/*Calluna/Erica*-dominated “bonzai” types on rocky outcrops, to tall-growth mesic-moist *Vaccinium-Molinia*-tall-herb dominated habitats on deeper soils. The latter habitat includes true *boreonemoral rain forests* with many red-listed epiphytic lichens, especially on scattered deciduous trees, including *Corylus* thickets.

An exotic forest type is the oceanic, mesic *calcareous pine forest* type, which occurs on karstic marble/limestone with holes and furrows. There is a rich presence of *Hedera helix*, *Taxus*, *Ilex*, and herbs such as *Epipactis* spp. in the field layer. The marble stripes also include *calcareous hazel thickets* or mixed ash-elm-lime-oak-hazel stands. In some places exotic, almost pure, old stands of *Taxus baccata* and *Ilex aquifolium* can be found. These forest types on karstic marble or lime-rich mica-shists, have not been examined for fungi very much. Our ambition is also to visit the calcareous islands such as Storsøy, Huglo, Skorpo, and Ånuglo.

There are well-developed, semi-rich oceanic oak forests with dominance of *Luzula sylvatica* on the large islands of Stord and Tysnes. Some of them contains *Cephalanthera longifolia*. There are some rare, southern/southwestern oak forest species such as *Hydrellum compactum* and *Tricholoma acerbum* to be found there. It is reasonable to expect finds of additional rare oak forest species in this area. This is a high priority Natura 2000 forest type on a western European scale. Well-developed, oceanic *Alnus glutinosa* forests can be found along sea-shore bays, lakes and swamps/fens as well. There are rich and poor mires/bogs included on the excursion list, including ombrotrophic- and blanket bogs. You will also be able to visit a *Dryas* relict alpine habitat.

### More about the excursions

Enclosed you will find a list of interesting localities in the Stord-Tysnes-Bømlo area. In **bold-faced** types are indicated those that are 1. priority excursion localities (On our webpage, this document will soon be supplied with links to descriptions and maps in Naturbase.no. for the 1. priority localities. There will also soon be an English version of the 1. priority localities). Three of the excursions are with boat to islands (including an extra cost for boat drive). One of these is a whole-day excursion to the outer islands of Austevoll (see upper left corner on map below). The other localities are to be regarded as alternative localities, and maybe some of you will be able to visit some of these outside the official program (e.g. before or after the congress).

All the localities in the list are to be found in Naturbase (<https://kart.naturbase.no/> and see attached instructions). These are all key biotopes ("Naturtype-lokaliteter"). You will find these delineated on the map by clicking to the left on "Kartlag" and then on Naturtyper (see enclosed example of map of localities/Naturtyper on Stord). Furthermore, by clicking on the "i punkt" (info punkt) on the toolbar on top of page and then click in the polygon, you will get information (fact sheet) on the polygon/locality.

### How to Get to Stord

**By train:** The train from Oslo to Bergen takes 5 hours by day or 8 hours by night. Once you get to Bergen, there is a bus from Bergen to Stord/Leirvik. The bus ride is 80 km long and will take 2.5 hours. This includes 1 hour by ferry.

**By air:** There is a small airport at Stord, with one flight/departure per day from Oslo. The planes are small, so make your reservations early. There are hourly airplane departures from Oslo to Bergen. From there, you can grab the bus from Bergen to Stord/Leirvik. The bus ride is 80 km long and will take 2.5 hours. This includes 1 hour by ferry.

**By car:** E134 is the main road across Hardangervidda from the Oslo area to Haugesund. Connect with E39 from Haugesund to Stord. The distance from Oslo to Stord is approximately 480 km, which is about 7.5 hours of driving. This is a scenic route with year-round alpine climate and the option of stopping at Hardangerjøkulen, which is one the largest glaciers in Norway. You might want to consider setting aside an additional day to stop along the way to enjoy the sights.

An alternative route is E18 from Oslo to Hønefoss. There you would connect to National Road 7 through Gol to where the road connects to National Road 13, then to E134 towards Haugesund. This trip will take you across another part of the scenic Hardangervidda. The trip is approximately 500 km long and entails nine hours of driving and two ferries.

The Norwegian Association for Mycology and Foraging will be our hosts for the week.

The organizing committee for NMC XXIV consists of Katriina and Egil Bendiksen, Tor Erik Brandrud, Klaus Høiland, Håvard Kauserud and Anders K. Wollan, local contact person Per Fadnes and the staff at the Norwegian Association for Mycology and Foraging.

We would like to welcome you to NMC XXIV and Sunnhordland in September!





NMC XXIV Sunnhordland; the islands of Stord, Tysnes and Bømlo (arrow).

## Program

Registration opens on Tuesday. You will be provided with an information packet during check-in. You will be able to check into your room. There will be a joint information session after supper. Once the information session is concluded, we will spend the rest of the evening setting up the lab and socializing.

The Congress will concentrate on collecting, identifying, discussing, photographing, learning and preserving fungi. We will put special effort into organizing an exhibition to ensure that everyone gets to see collected species and learn how to identify each one. This is the reason that we have not organized evening lectures. If you need to make a presentation at the conference to justify the conditions for travel support or other grants, this should be made in the form of a poster presentation or a demonstration in the mushroom display. We will acknowledge either type of presentation on the official letterhead of the Congress organizer if it is required by your institution or grantee.

They days will be organized as follows. The excursions will depart at 8:30 in the morning. We will spend the day in the field until 13:00 to 14:00. The group should return to the hotel no later than 14:00 to 15:00. We will adjust this schedule as needed to accommodate ferry departure times and other constraints.

Wednesday will be spent on field localities within walking distance from Stord Grand Hotel and a few selected longer excursions. Thursday program will include a whole day trip to the outer islands of

Austevoll. The remaining days will be spent on the most promising localities. For a detailed overview of the field localities see enclosed list, with links to maps and descriptions in Naturbase (and check for updates on our website).

**Tuesday September 3.**

09.00 Hotel check-in available until late evening

12.00 Congress registration desk opens

19.00 Dinner

20.30 Opening session, including presentation of nature/geology and info on excursions and brief presentations of some projects on species groups that are highly relevant to the congress area. (Check for updates; more details on our website closer to the congress)

**Wednesday September 4.**

07.00-08.00 Breakfast

Pack your boxed lunch and fill up your thermos during breakfast

08.30 Collection at field localities close to the hotel / lab work or departure for one of the selected long field excursions

17.00 Dinner

18.00 Lab work

20.00 Briefing: Status of Funga Nordica/  
Nordsvamp meeting/  
Discussion of mycological nomenclature in the Nordic countries – closer cooperation and division of responsibilities?

21.00 Joint review of the highlights of the day in the Mushroom Expo

**Thursday September 5.**

07.00-08.00 Breakfast

Pack your boxed lunch and fill up your thermos during breakfast

08.30 Departure for long field excursions; you can choose either “normal” 5 - 6 hours excursion, or (touristic) whole-day excursion to the outer islands (from 6 am to 6 pm, with boat); the latter will be weather-dependent (alternatively arranged on Friday)

17.00 Dinner

18.00 Lab work (dinner for those from outer island boat trip)

21.00 Joint review of the highlights of the day in the Mushroom Expo

**Friday September 6.**

07.00-08.00	Breakfast Pack your boxed lunch and fill up your thermos during breakfast
08.30	Departure for 5 - 6 hours field excursions
17.00	Dinner
18.00 -	Lab work
21.00	Joint review of the highlights of the day in the Mushroom Expo

**Saturday September 7.**

07.00-08.00	Breakfast Pack your boxed lunch and fill up your thermos during breakfast
09.00	Departure for short field excursions
13.00	Lab work
18.00	Congress celebratory dinner and mingling

**Sunday September 8.**

07.00-09.00	Breakfast you will be able to make a boxed lunch if you are leaving early.
09.00-11.00	Dismantling the labs
11.00-12.00	Lunch
13.00	Departure

**Collecting and handling of fungus material**

Important to know for our foreign congress guests:

Access and Benefit Sharing (ABS) regulations that apply for Norway - these deal with access to genetic material and sharing of benefits arising from the use of such material.

You can freely collect fungi in non-protected areas and take the specimens to your country.

Usually you can also pick ground-dwelling fungi in protected areas (edible fungi etc.), but not on wood. Congress organizers will contact landowners and apply for permission to collect in protected localities we plan to visit.

**DNA-barcoding – NorBOL**

NorBOL is the national network for DNA barcoding of flora, fauna and funga in Norway. It is collaborating closely with projects funded by the Norwegian Taxonomy Initiative to obtain DNA-barcodes from freshly preserved organisms with expert identifications. Barcoding of fungal DNA

started in 2014. We have so far obtained ITS-sequence of 2400 basidiomycete and 360 ascomycete taxa. During the congress our NorBOL coordinator from the Natural History Museum of Oslo and assistants will take samples for DNA of specimens of lacking taxa and taxa lacking material from western Norway.

If you collect species new to Norway or species lacking material from western Norway we kindly ask you to share the material and donate part of it to Herbarium O (Natural History Museum, University of Oslo).

### **Facilities & what to bring**

We do encourage all participants to bring your own lab equipment. We will provide limited microscopy facilities, two microscopy stations with loupe and microscope, and a few dryers for those who need to travel light.

The organizers will bring a limited library that will be available, so at least one copy of most of the standards in all fungal groups will be available.

You will need a **thermos** for hot drinks during the field lunches.

The weather conditions are very variable on the west coast, its rather windy and when it rains, its often horizontally, so good rain clothes and rubber boots are recommended.

### **Banks and ATMs**

ATMs, called mini bank in Norwegian, are easily found in shopping areas and other busy public places. You can withdraw cash while paying for goods in most stores. The banking hours are from 09:00 to 16:00. You can pay by card in restaurants, shops, hotels, etc.

### **Electricity**

Electric power in Norway is 220 volts.

Power outlets have 2 round holes, as depicted. It is convenient to bring an adaptor for these outlets if you require this to use your electric devices without problems.



### **Time**

Norwegian time zone is GMT+1.