

Botanizing Argentine Patagonia

The NARGS Tours and Adventures Committee has planned two tours to the Patagonia region of Argentina in 2023. The 12-day main tour will start in the Northern Lakes District of Patagonia (sometimes referred to as the Switzerland of South America), travel north by minibus through alpine and forest venues, and then to the steppe region of northern Patagonia. Immediately following the main tour, a 5-day extension to Southern Patagonia is planned. The timing of each tour was selected to coincide with expected bloom times. Each of these tours will be limited to 20 participants and will be led by well-known botanist and author Marcela Ferreyra. If there are more than 12 people in the group, Marcela will be assisted by a second guide. Requests to participate in only the Southern Patagonia tour will be considered if space is available. A detailed itinerary is provided below.

Northern Patagonia Tour

Dates: November 26 – December 7, 2023 Cost: \$3,860 for Double Occupancy

\$4,620 for Single Occupancy

Southern Patagonia Extension

Dates: December 8 – December 13, 2023
Cost: \$1,700 for Double Occupancy
\$2,080 for Single Occupancy

Itinerary for Northern Patagonia Tour

Day 1 (Sunday, November 26): Bariloche

The tour will begin in Bariloche in early afternoon. Upon arrival, we will meet up with any participants who have arrived earlier and then drive to a scenic vista to view the beauty of the magnificent Andean Range to the west, Lake Nahuel Huapi and the city of Bariloche on its south shore, and the impact of changes in precipitation on the forests to the west and the steppe in the east. After settling into our hotel (we will be there for the next 3 nights), we will walk downtown and have dinner at a local restaurant.



Day 2 (Monday, November 27): Cerro Catedral in Bariloche



Cerro Catedral is a beautiful granite mountain best known as the largest ski center in South America. Its name comes from its many peaks that look like spires. We will travel by bus to Catedral Village and then ascend by cabin and chair lift to approximately 6500 feet above sea level (fasl). The view from the summit is magnificent. The mountain is rich in alpines and most of them should be in bloom at this time of the year. Some of the species we hope to see include *Callianthemoides semiverticillata*,

Viola sacculus, V. petraea, Oxalis erythrorhiza, Ourisia fragans, Oreopolus glacialis, and several species of Nassauvia, Perezia, Leucheria and Senecio.

Day 3 (Tuesday, November 28): Route 23 to Pilcaniyeu.

We will travel to the east through the lower mountains and steppe habitats. The steppe is one of the richest ecosystems in Patagonia. We will travel to Pilcaniyeu, a small town 40 miles from

Bariloche. On the way, we will stop to look for a large Oxalis adenophylla and Oreopolus glacialis populations and look for the mimetic Viola volcanica. Later on, we will stop in different places to look for Austrocactus coxii, Oxalis nahuelhuapiensis, Junellia succulentifolia, J. caespitosa, J. patagonica, J.tridactylites, Viola escondidaensis, Senna arnothiana, the very strange Gamocarpha macrocephala, and much more.



Day 4 (Wednesday, November 29): Bariloche to San Martín de los Andes by Route 40.

We will leave Bariloche after breakfast following Route 40 to San Martín de los Andes. This part of the route is known as the Seven Lakes Route because of the mountains lakes that we can see passing by. The road runs through a lush rain forest dominated by the giant *Nothofaqus*



dombeyi with a dense undergrowth of bamboos, ferns, several species of *Berberis*, the giant *Gunnera tinctorea*, *Oxalis valdiviensis*, *Calceolaria valdiviana* and much more. The scenery is breathtaking. Along the way, we will see 5 of the 6 *Nothofagus* species that live in Argentina and the unique Chilean cedar *Austrocedrus chilensis*. We will drive through the picturesque village of Villa La Angostura before arriving in San Martín, where we will spend 2 nights.

Day 5 (Thursday, November 30): Cerro Chapelco

Cerro Chapelco, located at approximately 15 miles from San Martin de los Andes, is a popular ski center during the winter. It is surrounded by alpine forests and has magnificent views of the Andean Range and Volcán Lanín. After hiking to just above treeline we should find a large population of very floriferous *Viola dasyphylla*, with flowers of different hues. If we keep walking to the top, we should see the amazing valley behind and the rare *Menonvillea rigida*, *Combera paradoxa, Calandrinia skottsbergii*, and a large population of *Callianthemoides semiverticillata*. People who would prefer something less strenuous can stay at the ski center base or stroll around San Martín de los Andes.

Day 6 (Friday, December 1): San Martín de los Andes to Villa Pehuenia by Lago Ñorquinco We will leave San Martín after breakfast, heading to Junín de los Andes, Aluminé, and Villa Pehuenia. On the way, we cross the steppe following the Aluminé River (famous for kayaking and fishing). Depending on road conditions, we may take Route 11 to see Lago Ñorquinco and the Andes Mountains. Along the way we will be looking for *Alstroemeria aurea*, *Glandularia araucana*, the rare *Schizanthus grahamii* known as the butterfly plant due to the shape of the flowers, *Rhodophiala mendocina*, and different species of calceolaria among others. In the afternoon, we will arrive in Villa Pehuenia, a small village near Aluminé Lake and a very rare,

relictual forest of *Araucaria araucana*. The scenery is breathtaking, with mountains, crystalline waters, lots of islands and peninsulas, and monkey puzzle trees that give a mysterious and sacred feel to the landscape. We will spend 2 nights in Villa Pehuenia.

Day 7 (Saturday, December 2): Cerro Batea Mahuida in Villa Pehuenia.

After breakfast we will travel to Batea Mahuida Mountain and a small ski center that belongs to a Mapuche community, one of the aboriginal groups that live in this area. We will stay on the



bus until we reach a crater at approximately 5600 fasl that hosts a small lake. From here we can enjoy beautiful views of the surroundings and several volcanoes in Argentina and Chile. The mountain hosts a large population of *Viola cotyledon* that grows among *Rhodolirion andicola, Oxalis adenophylla, Chloraea alpina, C. magellanica, Gamocarpha dentata, Nassauvia argentea,* and many more. It is easy to walk to the very top at about 6200 fasl, but climbing is not necessary because most of the species are around the lake.

Day 8 (Sunday, December 3): Villa Pehuenia to Zapala via Primeros Pinos Pass.

After breakfast we will leave Villa Pehuenia for Zapala following the gravel mountain route that runs along the Litrán River with *Araucaria araucana* scattered everywhere. The route rises to close to 6000 fasl at Primeros Pinos Pass where we will stop to see *Viola coronifera*, one of the rarest and most spectacular rosulate violas. Other special species for this day include *Viola trochlearis, V.pachysoma, Calandrinia affinis,* several species of *Junellia*, and many more. In the afternoon we will travel on to Zapala, where we will spend the night.



Day 9 (Monday, December 4): Zapala to Caviahue.



After breakfast we will travel to Caviahue by a route that runs through the steppe and follow the Cajón del Hualcupén, a deep canyon made by the Hualcupén River with a rich and green prairie at the bottom. We will stop on the way to see *Argyllia bustillosii, Junellia spathulata, Viola subandina, Tropaeolum incisum, Erythranthe bridgesii, and E. lutea*. In the afternoon we will arrive in the village of Caviahue at the base of Copahue Volcano, with araucaria trees growing on basalt outcrops. We will be in Caviahue for 2 nights.

Day 10 (Tuesday, December 5): Copahue and Surroundings

After breakfast we will travel to Copahue at approximately 6500 fasl, a small village with many fumaroles and thermal ponds. We will explore the old crater, which is now an incredible flower garden. Species that should be in bloom include *Viola pachysoma* (ex. *V. copahuensis*), *V. cotyledon, Olsynium frigidum, Ourisia ruelloides, Calandrinia colchahuensis, Gamocarpha dentata, Euphrasia meaiantha,* and *E. chrysantha*. In the early afternoon we will return to Caviahue to visit some waterfalls among basaltic outcrops and look for *Maihuenia poeppigii, Grindelia prunelloides*, and many more.



Day 11 (Wednesday, December 6): Caviahue, Salto del Agrio and Zapala

After breakfast we will visit Salto del Agrio, a waterfall that emerges from a wall made by volcanic columns. Due to the water's high concentration of sulfur and other minerals, the riverbank is red and yellow. The landscape is magnificent. Many interesting species grow here, including *Rhodophiala araucana*, *Chuquiraga oppositifolia*, *Senna arnothiana*, and *Ephedra ochreata*. We will keep driving to find the incredible *Ourisia microphylla* hanging on the walls. After that we return to Zapala and stop to enjoy the Cajón del Hualcupén.

Day 12 (Thursday, December 7): Zapala to Laguna Blanca and Bariloche

We will spend the morning in Laguna Blanca National Park. The park protects a good example of Patagonian Steppe with many interesting plants, including *Pterocactus araucanus* and *P. australis, Viola tectiflora, Pantacantha ameghinoi* (the only species in this genus), the endemic



Senecio steparius, Maihuenia patagonica, and many species of junellia that convert the steppe into a blue and violet showy field. On the way, we will stop for *Mutisia retrorsa* with big orange flowers.

We will then return to Bariloche following Route 237 that runs along the steppe. The last part of the route goes along the Limay River and crosses the Enchanted Valley, a very attractive volcanic rock formations caused by the rain and wind erosion. We will spend one night in Bariloche where we will have the farewell dinner.

Itinerary for Southern Patagonia Extension

The Southern Lakes District of Patagonia is one of the most beautiful places in Argentina. Mountains, huge lakes, glaciers, and the immensity of a landscape with few people and scattered estancias attract people from all over the world. It is also one of the harshest places to live, not only for humans but also for plants and animals. The cold weather, strong winds, snowy winters, and locally variable rainfall have resulted in very special flora and fauna that add beauty and mystery to the region. Most of the species are very small herbs or dwarf cushions but with big flowers or abundant small ones. When they are in bloom, the arid environment looks like paradise. Most of the region's flowers bloom in late spring, which is during November

and December in the Southern Hemisphere, but can vary depending on spring weather conditions and elevation. If the species listed below are not in bloom, there will be others that we will look for and enjoy.

Day 1 (Friday, December 8): Fly to El Calafate and Transfer to El Chaltén

The extension includes your flight from Bariloche to El Calafate. We plan to arrive at the El Calafate airport by mid-afternoon. From there, we will travel by bus to El Chaltén in time for dinner and to spend the night. The bus trip will take roughly 3.5 hours and runs through open steppe landscape. Along the way, we will hopefully spot some guanacos.

Day 2: (Saturday, December 9): El Chaltén

El Chaltén, a small and picturesque village at the foot of the Fitz Roy and Cerro Torre massifs. Depending on the group's interest and capabilities, we will have the option to hike the Loma del Pliegue Tumbado trail to just above treeline or to botanize along the Río de las Vueltas.

The lower part of the Loma del Pliegue Tumbado trail is covered by shrubland and forest. Above treeline, the alpine flora is diverse. Among the species that we may see are *Codonorchis lessonii*, *Olsynium biflorum*,





Saxifraga magellanica, Oxalis enneaphylla, O. loricata, Moschopsis rosulata,-and many more. We will also have a good view of Mount Fitz Roy.

Along Río de las Vueltas we will stop to enjoy incredible views of the Fitz Roy massif, nearby mountains, the Chorrillo del Salto waterfall, and the river itself. We will also see many woodland species including a large population of *Calceolaria uniflora*. After that we will travel to El Calafate, where we will spend the next 3 nights.

Day 3 (Sunday, December 10): Perito Moreno Glacier

We dedicate this day to visiting one of the World's Natural Wonders – the Perito Moreno glacier – and nearby flora. Perito Moreno is the third largest glacier in the world (after

Antarctica and Greenland). The roar of the chunks of ice falling inside the glacier or from the glacier into the turquoise waters of Lake Argentino will certainly make the day memorable. During the visit, we will walk through a beautiful forest of *Nothofagus betuloides* (Magellan's beech) that grows only in southern Patagonia. Under the canopy we should find *Escallonia rubra*, *Codonorchis lessonii*, *Gavilea lutea*, *Drymis winteri*, *Saxifraga magellanica*, and many more. Individual species may not be in bloom depending on spring weather conditions.



Day 4 (Monday, December 11): El Calafate – Balcones de El Calafate – Laguna Nimez

After breakfast, we drive up to a plateau named Balcones de El Calafate or Cerro Huiliche. On



the way up, we will stop at a fen containing Samolus spathulatus and other wetland species. The top of balcones provides a wonderful view and as well as an abundance of flowers like Calceolaria uniflora, C. biflora, C. polyrriza, Alstroemeria patagonica, Clinopodium darwinii, Olsynium, Junellia, and Armeria.

In the afternoon, we will visit Laguna Nimez. The laguna is on the edge of Lake Argentino and is a great area to explore. Flora in the area includes many species of sedges, rushes and grasses. It is also home

to Chilean flamingos, black-necked swans, black faced ibis, and a number of other bird species. We should also have some time to visit the shops in El Calafate before going to dinner.

Day 5 (Tuesday, December 12): El Calafate Airport – Buenos Aires

We will depart near mid-morning for the El Calafate airport and fly back to Buenos Aires.

Other Information Related to the Tours

Guide and Logistical Services: Marcela Ferreyra will be the main tour guide and will be assisted by a second guide if there are more than 12 people in the group. Camino Abierto will handle tour logistics (ground transportation, lodging, food, etc.). If you would like to spend additional time in Argentina before or after the tour, Camino Abierto can provide assistance.

Group Size and Price: Both tours can accommodate up to 20 people. Pricing is based on a minimum of 10 people. If these minimums are not met, NARGS may need to cancel the tour or increase the price.

International and Domestic Flights: It is expected that tour participants will be flying into Argentina from various locations and that some may want to spend additional time in South America as part of their trip. To meet everyone's needs, tour participants are responsible for booking their own international flights as well as domestic flights into Bariloche and returning home from Calafate. Most flights into Bariloche are from the domestic airport in Buenos Aires (AEP). However, there are also flights available from Santiago, Chile, and from the international airport in Buenos Aires (EZE). NARGS will provide participants with recommended domestic flight numbers and departure times approximately 4 months prior to scheduled travel dates. The domestic flight from Bariloche to El Calafate will be booked by Camino Abierto as part of the southern Patagonia extension, but the cost of this ticket is not included in the tour price due to the uncertainty of airline ticket prices at the time of purchase. This cost will be added to the final invoice for the southern Patagonia extension.

Transportation and Lodging in Buenos Aires: If you decide to fly into Buenos Aires on the day prior to the tour (Saturday, November 27), we have arranged an optional package that includes a transfer from the EZE to a downtown hotel, lodging and breakfast, and a transfer from the hotel to AEP the following morning. The cost of this option is \$160 per person for a double

occupancy room and \$220 for a single occupancy room. This optional package will also be provided to participants who would like to spend the night in Buenos Aires after the tour ends.

Ground Transportation During the Tour: Air-conditioned vans or minibuses driven by professional drivers will be used during the tour and extension.

Lodging: All hotels have been selected by Marcela and Camino Abierto based on past experience. Example hotels are Hostería Las Marianas in Bariloche, Hostería Plaza Mayor in San Martín de los Andes, Hostería La Balconada in Villa Pehuenia, Hotel Nevado in Caviahue, Hotel Kosten Aike in El Calafate, and Hostería Pudu Lodge in Chaltén. Double beds in Argentina are mostly queen size.

Meals: Bariloche is very cosmopolitan but some of the towns that we will be staying in have limited dining options and many locals speak little if any English. Breakfast will be provided at the hotel and generally consists of eggs, ham, cereals, cheese, toast, jam, local pastries, fruit juice, milk, tea, and coffee. For days we are in the field, we will provide a sack lunch and snacks. We will also provide water during all meals and field activities. Dinners are the main meal of the day for most Patagonians and typical entrees include beef, fish, pasta, and casseroles. To accommodate personal dietary preferences, we will give each participant a list of dinner options for review and selection. The main tour includes 11 breakfasts and dinners and 10 lunches. The extension includes 5 breakfasts, 3 lunches, and 4 dinners. Water and coffee are available during all meals. One glass of beer or wine will be provided during each dinner. Other beverages can be purchased by participants based on local availability.

Hikes: The goal of the tour is to botanize and is not a test of endurance or climbing skills. Tour participants should be in reasonable shape and able to traverse uneven terrain. During the main tour, we will generally be at elevations of 1,000 - 4,000 fasl (some hikes may go up to 6,500 fasl). During the extension, we will generally be at elevations of 600 - 3,500 fasl (some hikes may go up to 5,000 fasl.

Weather: We will be visiting Patagonia during the dry season, but high winds (especially in southern Patagonia) and rain are always a possibility. Ambient temperatures will generally be between 40 and 70 °F in northern Patagonia and between 40 and 55 °F in southern Patagonia. Bring clothes that can be layered, good rain and wind clothing, and a day pack, as well as mountain shoes, a sunhat that ties, sunscreen, and bug repellant.

Books: The only book on the flora of Argentine Patagonia that is currently available from a publisher is Marcela's book, <u>High Mountain Flowers of the Patagonia Andes</u>, released in 2021. Marcela has also completed another book, <u>Plants of Extra-Andean Patagonia: Patagonian Steppe and Southern Montane</u>. A limited number of her second book have been printed with additional copies to be printed once funding is available. In addition, there were several field guides and books published prior to 2020 that are no longer in print but may be available from used book sellers. The most notable of these books is Martin Sheader's book, <u>Flowers of the Patagonia Mountains</u>.

Optional Tour to Iguazu Falls: Iguazu Falls is a complex of waterfalls between Argentina and Brazil. It is among the largest waterfalls in the world and is a UNESCO World Heritage Site. The parks contain diverse tropical forests and are also noted for bird watching. If there is sufficient interest, NARGS will offer a 3-day, 2-night excursion to the area after the Patagonia tour is over.

Money: The official currency in Argentina is the Argentine peso. Over the past several years, the value of the peso has declined substantially relative to the dollar, which has led to the existence of two exchange rates. In February 2023, the official rate used by banks and with credit cards is ~190 pesos per U.S. dollar. The unofficial "blue dollar" rate is roughly double the official. rate. The blue rate is the rate paid by private brokers at "cuevas" for new U.S. \$100 bills. For more information, search the internet. You will need money for personal purchases such as souvenirs, drinks, snacks, etc.

Time: Argentina is two hours ahead of Eastern Standard Time in the U.S. Noon in New York City is 2:00 pm in Argentina.

What is not included in the tour prices:

- International and domestic flights except for the Bariloche to Calafate flight
- Hotel and other expenses before and after the tour
- Beverages except those listed above during meals and field activities
- Travel and medical insurance
- Tips for guides and drivers
- Services not detailed in the program

Registration Information

You must be a NARGS member to register for the tour. If you need to renew your membership or to join the society, please do so via the <u>NARGS website</u> or contact Bobby Ward at "Membership" in <u>Contact Us</u> if you have questions or need help. The annual NARGS membership fee is \$40 (all dollar references are in USD) if you reside in North America or \$45 if overseas. Your membership must be up to date before we can complete your registration.

The cost for the main tours is \$3,860 per person based on double occupancy and \$4,620 for single occupancy. The cost for the extension is \$1,700 per person based on double occupancy and \$2,080 for single occupancy. Requests to participate in the extension only will be considered if space is available. These prices include tour guide and admission fees, ground transportation, lodging and meals listed above under "Lodging" and "Meals", and tips at hotels and restaurants associated with the tour. The cost of the flight from Bariloche to Calafate will be added to the final invoice (this cost is currently estimated at \$190 per person but will depend on flight schedules and prices at the time of purchase.

A 25% deposit is payable to NARGS at the time of pre-registration. Final payment is due by August 1, 2023. If the number of participants is fewer than 10 for either of the tour segments, NARGS will notify all registrants of the additional costs for conducting the tour with a smaller group; if any registrants chose to cancel the tour due to the higher cost, their deposits will be refunded in full minus any expenses previously incurred.

REGISTRATION FORM

Registration requests are being handled electronically via Google Forms.

Registration Form - Botanizing Patagonia 2023 (google.com).

Persons traveling together must each fill out a Registration Form. If you have problems or

questions related to the form, send an email to "Tours" in Contact Us.

Information Related to Payment and Cancellation

PRE-REGISTRATION PAYMENT

Before submitting your deposit, send an email to "Tours" in <u>Contact Us</u> to confirm space availability. You will receive an email confirming space availability and payment instructions. Pre-registration deposits are made through the Program | Educational Trips dropdown on the <u>Donation</u> page on the NARGS website that allows payment with either your own personal debit or credit card or Paypal account through the PayPal interface. Persons traveling together can submit a single payment covering both participants or separate payments for each.

FINAL PAYMENT

NARGS will email final payment information in June 2023. Final payment is due by August 1, 2023. The preferred method for final payment is by check from a U.S. bank denominated in USD. The check should be payable to NARGS, note *Patagonia Tour* on the memo line of the check, and be mailed to NARGS, POB 18604, Raleigh, NC 27619-8604. Payment can be made via credit card, PayPal, postal or bank money order, or a check from a non-U.S. bank but must be denominated in USD and must include a 5% surcharge to cover banking fees. Failure to make final payment by August 1, 2023 will result in reservation cancellation and full loss of the deposit.

CANCELLATION

Cancellation requests must be submitted in writing to NARGS by the person who made the reservation. Cancellation requests received before June 1, 2023 will be refunded their deposit minus an administrative fee of \$100. Cancellation requests received between June 1 and August 1, 2023 will be subject to a cancellation fee of 50% of the deposit, which will be reduced to \$100 plus any incurred expenses if the cancelled spot is filled by another person. Cancellation requests received after August 1, 2023 will be subject to a fee of 50% of the tour price if the request is received by October 31, 2023 and 100% if the request is after October 31, 2023. Fees for cancellations received after August 1, 2023 will be reduced to \$250 if the cancelled spot is filled by another person.

If the tour is cancelled by NARGS for any reason, all payments minus banking fees and incurred expenses will be refunded to registered participants. If the tour is cancelled by NARGS, any person who had previously cancelled will not be entitled to this refund.

Information Related to Insurance, Waivers, and Public Health Requirements INSURANCE

The tour price does not include insurance to cover costs associated with medical treatment, repatriation, flight cancellations, baggage loss, travel interruptions, cancellation fees, or other expenses. Each registrant is urged to assess their personal situation and to obtain private insurance to cover these costs if needed.

WAIVER OF LIABILITY AND TO USE PHOTOS

By submitting a tour deposit, you are acknowledging that you are aware of the risks associated with travel and that you will not hold NARGS or others associated with the tour responsible for

any delays; changes in itinerary, staffing, or accommodations; injuries, illnesses, or deaths; or any circumstances beyond the control of NARGS. At the time of final payment, you will be required to sign a waiver releasing NARGS and others associated with the tour from any losses, liability, or claims associated with your participation in the tour and allowing use of any photos taken during the tour.

PUBLIC HEALTH REQUIREMENTS

All participants must comply with public health requirements for international travel in their country of residence and in the tour host country. During the tour, participants may be in close contact with other participants and the general public. To the extent possible, participants should comply with U.S. and local guidelines on mask wearing, social distancing, and other public health guidelines, and must comply with all local public health requirements. In addition, due to the limited availability of medical services in the tour area, all participants must provide proof of Covid-19 vaccination or prior Covid illness at least 30 days prior to the tour departure date. Failure to provide this documentation will be considered a cancellation by the participant and will result in forfeiture of all payments.

If you do not feel well during the tour, let the tour guide know. The guide will assist in locating medical services, but these services may be distant and less extensive than those available at home. Each participant will be individually responsible for paying the cost for these services and associated transportation.

Questions?

If you have questions, send an email to "Tours" in Contact Us.

Participant Waiver and Release of Liability

Tour Name: Botanizing Argentine Patagonia

Tour Dates: November 26 – December 13, 2023

The North American Rock Garden Society, herein referred to as "NARGS" is not responsible for any delays; changes in itinerary, staffing, or accommodations; injuries, illnesses, or deaths that may occur; or any circumstances beyond the control of NARGS that are associated with my participation in this activity. I understand by signing below that I assume full and complete responsibility for any injury, illness, or death which may occur during my participation in this event, during transportation to or from the site or while on the premises of this event, and I hereby release and hold harmless and covenant not to file suit against NARGS, its Board of Directors, volunteers, or any affiliated individuals associated with the event from any loss, liability or claims I may have arising out of my participation. I understand the requirements and risks of these activities and am in proper physical condition to participate in such events. If I do not sign this form, I understand that I will not be allowed to participate in the tour.

Additionally, I grant to NARGS, its representatives, and employees the right to take photos of me and my property in connection with any NARGS sponsored event. I authorize NARGS to use photographs of me, with or without my name for any lawful purpose, including for example such purposes as tour documents, publicity, illustration, and web content.

This Waiver and Release of Liability is governed by the laws of the State of New Jersey.

Print Name:	Date:	
Name of Emergency Contact:		
Relationship to You:		
Phone:		
Email:		