

15 Ans

Les Chabotteries

Association des Chabot

N° 60 Automn 2022

NASA to Deflect Asteroid, a "Planetary Defense" Mission



WASHINGTON, USA | In a little less than a year, a NASA spacecraft will crash into the surface of an asteroid. The goal? Deflect its trajectory. Described as a "planetary defense", this mission should allow humanity to be prepared in case of a future impact threat.

The Chabotteries is a quarterly newsletter published by the Association of Chabot.

New mailing address:

Association des Chabot
1200, boul. Alphonse-Desjardins
CP 46084
Lévis (Québec) G6V 6Y8

Association des Chabot et Les Chabotteries
Site Internet :

www.association-chabot.com

Courriel :

Info@association-chabot.com

EDITORIAL TEAM:

Coordination, graphics and layout:

Maryo Chabot Tremblay

Alain Chabot

Reviewing Team:

Alain Chabot

Translations:

Alain Chabot

Contributors to this issue :

Diane Chabot Pard (9)

Marcel Chabot (96)

Marie-France Létourneau

Maryo Chabot Tremblay (275)

Texts published in *Les Chabotteries* are the responsibility of their authors who remain owners. Any total or partial reproduction is prohibited without prior approval of the Association and the author.

Copyright © 2022 Association des Chabot

Board of Directors 2021-2022

• **President**

Maryo C Tremblay (275)418) 440-8370

• **Vice-President**

Isabelle Chabot (546) (450) 297-0025

• **Secretary**

• Clément Chabot (089) (418) 572-2324

• **Administrator**

Claudette Chabot (491)

• **Administrator**

• **Vacant**

Membership Dues

Regular Membership (Canadian) \$25 CA year

Membership (outside resident) US \$35 US year

Resident of Canada \$110 CA 5 years

Resident of U.S.A. \$160 US 5 years

☞ Table of contents ☞

Message from the President	3
NASA to Deflect Asteroid, a "Planetary Defense" Mission	4 - 6
When Life Thanks Claudel	7 - 9
Eugene Chabot, 102 Receives Lebanon's Boston Post Cane	10 - 11
Peppermint Oil Could Save Your Life	12
Uncle Alphonse and Aunt Philippine	13 - 14
Lunch Menu	14
Directions for the September 2022 Gathering	16

Message from the President



Hello to all our members,

For more than two years, we have made great sacrifices, worn masks almost everywhere, and we have been confined to our homes. It was hard to see family or friends. Many received three vaccines, we have also all lost loved ones during this time of crisis, as well as several of our members; we place their obituaries on Facebook. We want to offer our deepest condolences to all those affected by these sad departures. Now, all of that is in the past. Certainly, we will never forget this period of our lives. We are gradually resuming our routine as it was before COVID-19. We are all looking forward to returning to an almost normal life.

Despite this difficult time for all, we still published our four Chabotteries magazines annually, we tried to keep you informed of what was happening at the Association in our magazines, on the website and on the groups and on the Facebook page during the two years of confinement. Now we also have a secure part on our website which is for members only. If you think we should add more information, please let us know. See below how to get your password to access it.

The Association des Chabot is looking for a proofreader, editor and translator for the Les Chabotteries magazines and for a few other texts. We also need people to complete the board team, we are only four to do all the work. Other than Isabelle, whose mandate ends in 1 year, Claudette, Clément and I, our mandates are over. We need help if we want the Association to

continue to be viable.

Would you like to collaborate and help us? You just have to contact us either by phone at 418 440-8370 or by email at info@association-chabot.com to get your password or for any other question.

We will finally be able to meet to celebrate the 15th anniversary of the Association des Chabot which will be held on September 11, 2022 **at the Léandre Boutin room at 100, place de l'Église, Cap-Saint-Ignace (Québec), G0R 1H0.** We will also take a few minutes for our 2020, 2021 and 2022 general meetings.

I hope you will have as much pleasure in meeting you as I will have in seeing you again. The Association, although we have suffered from this pandemic, is doing well.

As you know, an Association would not exist without its members. Talk about your Association and be proud of it. If you would like to help us prepare for the 15th anniversary, don't be shy. If you would like to contribute by donating a door prize, you are welcome. Let us know if this is the case.

Remember, all reservations for our 15th Anniversary must be received no later than September 1, 2022.

I don't know if you knew it, but on October 7, 2012, I accepted the presidency of the Association des Chabot at Claude's request. And in September 2022, I am still there faithful to the post. Did you know you could replace me? Another president could bring new ideas and give a new color.

Maryse Chabot Tremblay

Membre n° 275

NASA to Deflect an Asteroid, a "Planetary Defense" Mission

It was while reading an article about Nancy Chabot of the Applied Physics Laboratory at Johns Hopkins University in Baltimore, Maryland in the of November 6, 2021 issue of *Le Journal de Montréal*, that I wished to learn more about her. I will let you read the article in question and I will continue on the journey of Mrs. Chabot.



(*Le Journal de Montréal* article)

The scenario is reminiscent of that of the movie "Armageddon", in which Bruce Willis and Ben Affleck save the planet from a huge asteroid hurtling towards Earth.

But it is a very real experiment that the American space agency is conducting here. Although no known large asteroids are currently on a collision course, it is a matter of being prepared for this eventuality.

"We don't want to find ourselves in a position where an asteroid would be heading towards Earth, and where we would have to test this technique" for the first time, Lindley Johnson, of the Department of Planetary Defense, explained at a press conference on Thursday from NASA.

The mission, dubbed DART ([...] an acronym for Double Asteroid Redirection Test), [took] off from California aboard a SpaceX Falcon 9 rocket on November 23 at 10:20 p.m. local time.

Ten months later, the ship will strike its target, then located eleven million kilometers from Earth, in fact the moment when its distance will be closest to Earth.

"A small tap"

In reality, the target is twofold: first a large asteroid, Didymos, which measures 780 meters in diameter, twice the height of the Eiffel Tower.

And, in orbit around it, a moon, Dimorphos, 160 meters in diameter, higher than the Statue of Liberty.

It is on this moon that the ship, about a hundred times smaller than it, will come to finish its course, projected at a speed of 24,000 km/h.

The impact will throw up tons and tons of material.

But "it will not destroy the asteroid, it will just give it a little tap", detailed Nancy Chabot, of the Applied Physics Laboratory at Johns Hopkins University, which is leading the mission in partnership with NASA.

Thus, the orbit of the small asteroid around the big one will be reduced by only "about 1%", she explained.

Thanks to observations made by telescopes on Earth for decades, it is known that Dimorphos currently circles Didymos in exactly 11 hours and 55 minutes.

Using these same telescopes, this period will be measured again after the collision. It will then be perhaps "11 hours and 45 minutes, or something like that", said the researcher.

Using these same telescopes, this period will be measured again after the collision. It will then be perhaps "11 hours and 45 minutes, or something like that", said the researcher.

By how much exactly? Scientists don't know, and that's what they want to find out. Many factors come into play, including the angle of impact, the topography of the surface of the asteroid, its composition or even its exact mass, unknown so far.

This way, "if one day an asteroid is discovered on a collision course with Earth we will have an idea of the force we will need for this asteroid to miss Earth", explained Andy Cheng, of Johns University. Hopkins.

The orbit of Didymos, the large asteroid, around the Sun will also be slightly altered, due to the gravitational relationship with its moon, Cheng said. But this change is "too small to measure. So it's a very safe experience," he said.

Toolbox

A small satellite will also make the trip. It will be released from the main ship ten days before impact, and will use its propulsion system to slightly deviate its own trajectory.

Three minutes after the collision, it will fly over Dimorphos, in order to observe the effect of the shock, and possibly the crater on the surface.

The total cost of the mission is \$330 million.

If the test is conclusive, "we believe that this technique could be part of a toolbox, which we are beginning to fill, in order to deflect an asteroid", explained Lindley Johnson. For example, he cited methods that could use the gravitational force of a spacecraft flying close to an asteroid for a long period of time, or the use of lasers.



But he said the key was first to identify potential threats. "The strategy is to find these objects not just years, but decades before there is any danger of collision with Earth," he stressed.

About 27,000 asteroids close to the blue planet are known at present.

The Bennu asteroid, which measures 500 meters in diameter, is one of the two identified asteroids in our solar system posing the most risk to Earth, according to NASA.

But by 2300, the risk of a collision is only 0.057%.

We wish to thank Lucie Aubourg and le journal de Montréal

(Wikipedia entry about Dr Chabot)

Nancy Chabot (born 1972 [in Los Angeles county, California]) is a planetary scientist at the Johns Hopkins University Applied Physics Laboratory.

Career

Nancy Chabot earned her B.A. in physics from Rice University in 1994. After earning her Ph.D. in planetary science from the University of Arizona in 1999, Chabot worked at the Johnson Space Center in Houston, then at Case Western Reserve University in Cleveland. She joined the Applied Physics Laboratory at Johns Hopkins University in 2005.

She has been a member of five field teams that traveled to Antarctica with the Antarctic Search for Meteorites (ANSMET) program to collect meteorites. In 2001, Chabot was awarded the United States Antarctic Service Medal.

On NASA's MESSENGER mission, she served as the Instrument Scientist for the Mercury Dual Imaging System (MDIS) and the Chair of the Geology Discipline Group. She was the lead for MDIS-based scientific investigations of Mercury's polar, radar-bright, ice-bearing craters and led the release of web images since MESSENGER's first flyby of Mercury in January 2008.

Currently, she is the Deputy PI for the Mars-moon Exploration with GAMMA rays and NEUTRONS (MEGANE) instrument on the JAXA Martian Moons eXploration (MMX) mission.

She is also the Coordination Lead on NASA's Double Asteroid Redirection Test (DART) mission.

She is a Fellow of the Meteoritical Society, and Asteroid (6899) Nanchabot is named in her honor.

(Used under Creative Commons Attribution-ShareAlike License 3.0)

A brief survey of her genealogy

Daughter of Paul L. Chabot and Mary A. Hutter
 Leo Martin Chabot and Rita Yvonne Leclerc
 Xénophile Chabot and Marie Louise Croteau
 Cyrille Chabot and Rose Délima Dupuis
 François Chabot and Florence Lefebvre
 Jean-Baptiste Chabot and Marguerite Gourre
 Pierre Chabot and Angélique Gagné
 Joseph Chabot and Françoise Pouliot
 Mathurin Chabot and Marie Mésange



Diane Chabot Pard
Member# 9

When Life Thanks Claudel



Victim of a serious car accident in Shefford in 2017, Claudel Chabot is resilient. The Lieutenant Governor's medal she recently received after completing a Diploma in Vocational Studies (DVS) is irrefutable proof.

"I feel like life is thanking me with this medal. It's the cherry on top of the sundae," said the 22-year-old recently.

If life thanks Claudel, it's because she clung to it with all her might following the accident that sent her to intensive care on November 17, 2017.

A victim of head trauma, internal bleeding and numerous fractures, including to her pelvis and neck, the Shefford native had to be placed in an induced coma for a few days so that her condition could be stabilized.

Of this period, Claudel retains only scattered memories. She remembers that she had to relearn how to breathe, eat, speak and walk. She also remembers the love of her family, who were present at her side every day.

She stayed in the hospital for about a month before being transferred to the Centre de réadaptation de la Montérégie, in Saint-Hyacinthe, to relearn all the small gestures of daily life.



Claudel Chabot's mother, Josée St-Pierre, does not hide her pride in the progress her daughter has made. And the medal she received is due to all those who have helped her over the past few years, she says.

Photo Christophe Boisseau-Dion, La voix de L'est)

Claudel was unable to walk for three months because of her broken pelvis. "I didn't want to stay in a wheelchair. I set myself small challenges every day. And when I succeeded, I set more challenges for myself," she says.

Determination

In short, Claudel Chabot was starting from afar when she began the Aesthetic DEP in September 2018 at the Centre de formation professionnelle 24 juin in Sherbrooke for which she had been accepted before she had her accident.

Her determination and perseverance did the job. And there was no question of her changing her plans, even though her physical condition was no longer the same.

The woman who has "patches in her neck and back" admits that her body sometimes protests when she has to hold certain positions for too long. I chose aesthetics because I like it," she says. I don't want to choose another profession where I have to sit still. So I adapt. I alternate positions and I am careful not to bend my back or my neck too much.

Because she began her training part-time to respect her abilities, Claudel Chabot took 24 months, instead of 18, to complete it. However, her strength of character, dynamism and professionalism did not go unnoticed by her teachers, one in particular. The Lieutenant-Governor's medal she was awarded is a testament to that.

Charmed for a long time by the calm and serene environment of the Balnéa spa in Bromont, Claudel also had the pleasure of doing an internship there. This internship led her to obtain a job there.

A medal for everyone

Claudel Chabot's mother, Josée St-Pierre, doesn't hide her pride in the progress her daughter has made. And the medal she received is due to all those who have helped her over the past few years, she says.

"It is thanks to all the people in our region that she is alive today! Firefighters, road workers, nurses, doctors, surgeons, therapists of all kinds, at the CHUS, at the Eastern Townships and Montérégie Rehabilitation Centre! This medal is also for them, especially in these difficult times of pandemic!" she wrote to La Voix de l'Est with gratitude.

Mrs. Claudel Chabot (BK 56,905) is the daughter of Mr. Martin Chabot (BK 39,498) and Mrs. Josée St-Pierre (BK 56,901).

We would like to thank Mrs. Marie-France Létourneau of La Voix de l'Est .

In memoriam

Madame Thérèse Pomerleau Chabot had asked if it was possible for her to appear in the magazine Les Chabotteries, we grant her wish.



The Association des Chabot and myself wish to offer our sincere condolences to the afflicted families. Even though these words can't erase the sorrow they feel, they express our most heart-felt sympathy.

Mrs Thérèse Chabot

BK 39308. Membre 369.

Deceased in Senneterre on March 7 2022

Aged 90.



Eugene Chabot, 102 Receives Lebanon's Boston Post Cane



(Article published in the Lebanon Times, February 23, 2021)

The day following Mr. Chabot's birthday (Thanksgiving 2020), representatives of the Lebanon Historical Society called upon him at his residence on Lily Lane in the in West Lebanon to present him with the City's Boston Post Cane in recognition of his becoming the City's oldest resident.

Chabot was born November 26, 1918 in Paquette, Quebec which borders Pittsburg, NH. He was raised on his family's dairy farm where he worked until 1936 when he moved to Berlin, NH as an employee of the Brown Paper Company mill for the next 24 years.

The next move brought him to the Upper Valley with his bride, Theresa Dube, whose Berlin family relocated to Hanover, then Lyme and Plainfield. Eugene and Theresa roosted in Hanover, where he landed a job as the baker for Mary Hitchcock Hospital while they began their family in 1948.

They were blessed with three children; Delores, Lorraine, and Donald. They crossed town lines to settle on Peabody Street in Lebanon in 1949.

The ever-active Eugene decided he enjoyed mechanical work and commenced working in a series of local Lebanon garages (one was Thompson's) before being hired by the Town of Hanover's Highway Department where he worked from 1957 to 1981 and where he retired as a foreman.

What do you do when you're youthful and active? Well, you walk (at least two miles a day) and grow food, leading him to the obvious solution: go back to farming at Edgewater Farms in Plainfield, a long-time source of the fresh vegetables that kept him healthy. He became a virtual member of the farm family till age 89 when he suffered major loss of eyesight. Several operations didn't help. Not only did it curb the work in the gardens he so enjoyed, but hunting and fishing were out as was his other hobby of making quilts (some of which were sold in the Edgewater store). He proudly calculates that he made 117 quilts.

In 2012, Eugene and Theresa moved into a senior living apartment where she passed away in 2016. His pleasures in life were reduced to walking and spending time with his family. Slowly, the walking has been curtailed. But, his wonderful sense of humor, friendly banter, and fond memories remain. Heck, he remembers the day he was born – and his mother bundling him up and walking him over to the church to be baptized the next day – and then her going off to work and leaving him to care for a younger sibling when he was six. That's when he learned to cook – she taught him and he's loved it ever since.

They can't take those recollections away. Nor can they remove that of which he is most proud: his US citizenship which he earned back in 1968. And that wonderful sense of humor.

"Did you ever stray across the border into the USA before you became a citizen?" "Why, of course! If I were chasing a moose you don't think I would let a little thing like a border get in the way!"

And when he was politely asked to relinquish the gold-headed cane he had just been presented so it could be returned for the safekeeping of the Lebanon Historical Society, it had to be teasingly wrestled from his hands. A man for all seasons doesn't lose his grip just because he's turned 102.

We would like to thank Lee Hammond(author) and The Lebanon Times

Peppermint Oil Could Save Your Life



From a true story, told in the Kingston Daily Freeman (Kingston, New York) and published on Tuesday, January 4, 1921

The headline reads: "PEPPERMINT OIL SAVES FARMER'S LIFE".

An angry bull couldn't stand the toothache remedy poured into his eyes.

Plattsburg, N.Y. - Edward Chabbott, a farmer living near the town of Jay, N.Y., won't go looking for his lost cattle again unless he has a bottle of peppermint oil in his pocket. At least that's what Chabbott says today.

Here's why:

Chabbott, along with his employee, Walter Smith, had begun rounding up the cattle that had scattered. In order to better focus their search on the land to be walked, the two men then separated, and Chabbott wandered into the neighboring field, Thomas Gorman's. In the enclosure was a snarling bull and when he spotted Chabbott's red cap, became very aggressive.

At that moment, the angry bull rushed toward Chabbott and Chabbott took his legs and ran to the only tree in the pasture, which was not much bigger than a sapling.

pling.

Chabbott climbed up and found himself just above the bull's head. The bull had seen red and his mind was focused on the movements of his attacker. For a good two hours, the bull stumbled against the tree.

Just as Chabbott was ready to retreat, he thought of the bottle of peppermint oil he had in his pocket, given to him by his dentist to relieve his toothache. When the bull started to shake the tree again, Chabbott took out his bottle, uncorked it and poured the potion into the bull's eyes while singing.

The bull went away and lay down to think, while giving Chabbott a reproachful look. Then Smith, his henchman, arrived and completed the rescue with a fence rail in hand.



Diane Chabot Pard
Member n° 9

Uncle Alphonse and Aunt Philippine

It often happens, as we grow older, that one memory awakens another. This happened recently when my friend Claude, the founder of the Association, reminded me of the story of a young man from Saint-Lazare de Bellechasse, Victorien Chabot, who, having lost his father, left to settle in Abitibi where he built and operated two successful hotel businesses.

I realized then that many of the people in our lineage were pioneers. Starting with my paternal grandfather, Pierre, who left in 1879 with his beautiful Aurélie (Bilodeau) for Saint-Magloire, a new village. His older brother Anselme had already planted his house there and had started the construction of a mill. Her father having died in 1886, Aurélie, followed by her Pierre, returned to her native village, probably at the request of her mother. The life of a settler is hard and one must say that it took courage to start such an adventure.

Then I remembered another pioneer, Uncle Alphonse, about whom Mom, more voluble than Dad, spoke from time to time. This uncle was the brother of Alphée, my father. Born on August 2, 1890, in Saint-Lazare-de-Bellechasse, he had married a young girl of the same village, Philippine Mercier, on July 19, 1911. Two children, both daughters, were born from their union, both baptized in Saint-Lazare: Marie-Bernadette, born on June 22, 1913 (died in 1916), and Blandine who was born on August 23, 1914. It is shortly after Marie-Bernadette's death that the couple would have decided to settle in Saint Abdon (a name changed to Saint-Luc in 1919, because of the difficulty of pronunciation), since she would have been buried there. It is written somewhere that other inhabitants of Saint-Lazare, probably young people, would have moved at the same time as them.

Very quickly, I believe, Alphonse built his house. Aunt Philippine said that from the time they first occupied it, she was recruited to teach the village children in one of the rooms that Alphonse had equipped with desks of her own making. Was she a qualified teacher? In any case, she was educated enough to teach reading, writing and counting to children from 6 to 12 years old. As for Alphonse, we can assume that without being very educated he had a solid base of instruction, because his mother Aurélie, herself cultured, was adamant that her offspring not only know how to read and write, but also have a varied knowledge and a good culture.

Industrious, hard-working, a go-getter, he became a wood merchant (probably selling pulp), what was called at the time a "jobber". He was probably one of the first to own trucks to haul wood. No doubt he worked hard, but the business must have been quite lucrative because in 1950, he bought the municipal water service from the Syndicate which had started it in 1930 and was now in financial difficulties. He then rebuilt it entirely to meet the needs of the population. He sold it to the Municipal Corporation in 1967.

The lumber business having brought him some money, he founded in 1929 a general store which had to be managed and run largely by Philippine, a congenial woman. As for the uncle, he had the reputation of being a severe man, a little bit angry, impatient, shady, not very engaging. I know this from a niece of mine who knew the elderly couple as a child. She told me that the office he occupied in his house was an almost sacred place and that one had to refrain from moving anything there while dusting: his spittoon, his smoking accessories, his correspondence, his paperwork. It is probably because of this gruff, ostentatious temperament that his time at City Hall was short-lived, from 1936 to 1938. As his better half Philippine described him, always with a sly smile on her lips, he did not have the qualities to cope with the wavering world of politics. He was a straightforward man, outspoken and did not bend easily.

That said, I think he made his mark in a positive way in this small village created on the slopes of the Appalachians by a group of men and women (we always forget about them!) whose courage and endurance not only amaze us but fill us with pride. What would Québec be without these valiant pioneers, land clearers, country builders? I personally think that the young generation, too preoccupied with its own miseries and clinging to its electronic gadgets, is ignorant of its history. It's a bit our fault... So, I think it's a mission that an association like ours should give itself, that of highlighting its heroes of the past.

Website: <https://www.st-luc-bellechasse.qc.ca>



Alphonse Chabot married, on 1911.07.19,
Born 1890.08.02
Died 1970.03.23



Philippine Mercier, in Saint-Lazare Bellechasse
Born 1887.06.20
Died 1976.11.28



*Marcel Chabot, member # 96
December 2021*



Lunch Menu

Soup

Vegetable broth



Salad

Chef's salad
Cabbage salad



Main Dish

Pork loin	Marinade
	Teriyaki
Ham	Marinade
	Mustard
	Maple



Vegetables

Baked potato
Various vegetables



Desert

White cake
Chocolate cake
Coulis



Hot Beverage

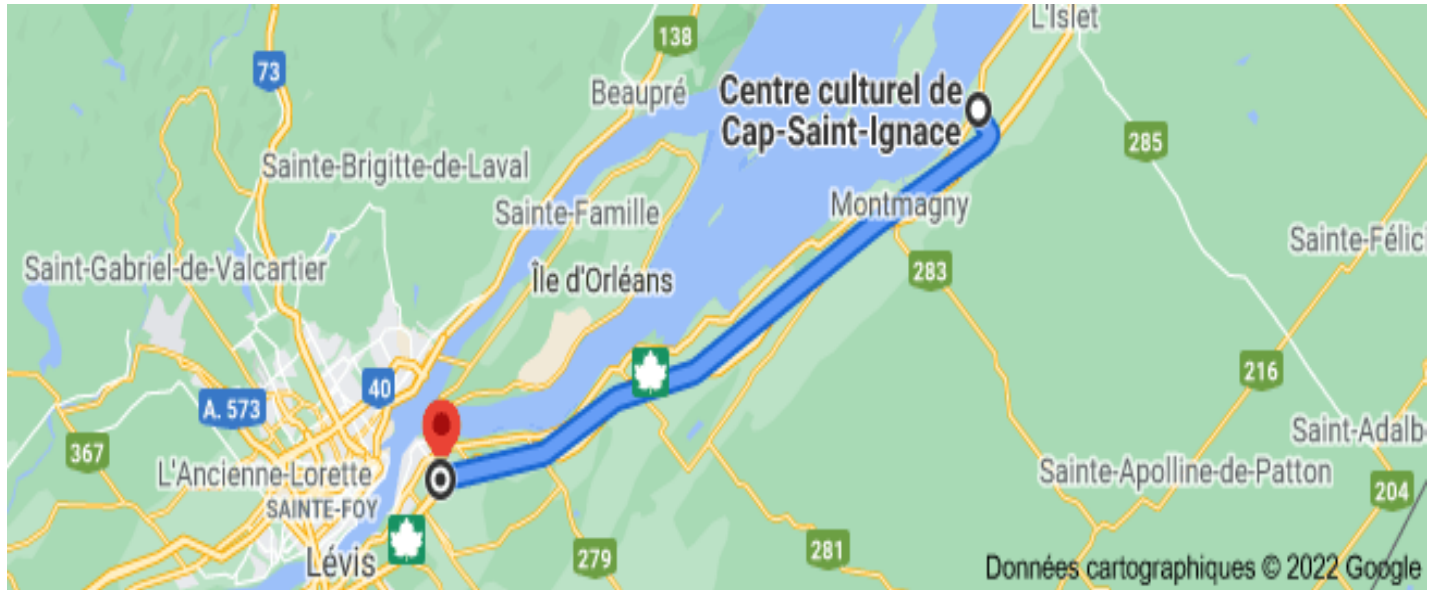
Coffee
Tea



A glass of wine (red or white) will also be offered.
Enjoy your meal!



Directions for the September 2022 Gathering



Whether you are coming from the west or east on Highway 20, take exit 388.

Turn right on Route du Petit Cap.

Turn right on Rue du Manoir E

Turn right on Rue Jacob

Turn right on Pl. de l'Église

Your destination will be on your right

Salle Léandre Boutin

100, place de l'Église

Cap-Saint-Ignace, Québec, G0R 1H0

Address Label

CANADA POST

Under Post-publication convention number 40069967

To be returned to the following address:

Association des Chabot

1200, boul. Alphonse-Desjardins

CP 46084

Lévis (Québec) G6V 6Y8

IMPRIME-PRINTED PAPER SURFACE