

Metamorphosis of the Montréal Insectarium

Montréal, Canada, 2014–2022

Complete factsheet — project data

Client	Espace pour la vie, Montréal	
Insectarium Directors	Maxim Larrivée (since 2019) Anne Charpentier (until 2019)	
Project address	4581, rue Sherbrooke Est, Montréal, Québec, Canada H1X 2B2	
Team of professionals		
Architecture	Kuehn Malvezzi / Pelletier De Fontenay / Jodoin Lamarre Pratte architectes en consortium	
Museology	Kuehn Malvezzi, Berlin	
Landscape architects	atelier le balto, Berlin	
Electromechanical engineers	Dupras Ledoux, Montréal	
Structural Engineers	NCK, Montréal	
Civil Engineers	Génie+, Lévis	
Sustainable Development Advisor	CIMA+, Montréal (LEED Certification)	
Indoor and outdoor signage	Kuehn Malvezzi with Double Standards, Berlin	
Scenographic and multimedia coordination	Go multimédia, Montréal	
Execution and site supervision for museology	La bande à Paul, Montréal	
Special consultant for greenhouses	Capital Greenhouse, Thetford Mines	
Tree preservation	Nadeau Foresterie Urbaine, Laval	
Timeline		
	Competition	02.2014 – 07.2014
	Design	01.2016 – 09.2018
	Construction	04.2019 – 04.2022
Construction costs	CAD 33.26 million (including museology and taxes)	
Surface area	3,600 m ²	
Museum data		
	Length of the museum parcours	Approximately 350m
	Naturalized insect specimens	About 3,000 species
	Live insect specimens	Approximately 150 species
	Plant specimens in the Grand Vivarium	About 150 species / 3000 specimens
Certification	LEED gold (applied)	

Architecture — main team members

Kuehn Malvezzi, Berlin

Wilfried Kuehn (Partner)
Johannes Kuehn (Partner)
Simona Malvezzi (Partner)
Nina S. Beitzen
Yu Ninagawa
Jan Imberi

Pelletier de Fontenay, Montréal

Yves de Fontenay (Partner)
Hubert Pelletier (Partner)
Yann Gay Crosier (Partner)
Nathaniel Proulx Joannis
Nicolas Mussche

Jodoin Lamarre Pratte architectes, Montréal

Nicolas Ranger (Associé)
Christine Nolet
Germain Paradis
Roxanne Rochette
Catherine Demers (Associée)
Joannie Quirion
Sylvain Morrier (Associé)
Marc-Antoine Bourbeau

General contractor

KF Construction Inc., Laval

Materials, manufacturers and providers

Envelop

Curtain wall installation: Unicel Architectural Corp., Longueuil
Glass: Multiver Ltée, Québec
Aluminium: Alumico Architectural Inc., Montréal

Structure

Hot-dip galvanized steel: Groupe AESP, Saint-Eustache
Cast-in-place concrete: Coffrage Alliance Ltée, Laval
Reinforcing Steel: Acier AGF Inc., Longueuil

Building Services

Electricity: TBC Constructions Inc., Québec
Plumbing: Le groupe Charbonneau Inc., Montréal
Building controls: Regulvar, Québec

Greenhouse Systems

Shading system: Les Serres Harnois Inc., Saint-Thomas
Butterfly net: Raphaël Brien Inc., Longueuil
Water cascade: Soucy Aquatik, Québec

Shotcrete

Custom mix: Produits de construction KING - Sika Canada, Blainville
Reinforcing Steel: Acier AGF Inc., Longueuil
Shotcrete installation: Béton projeté M.A.H. Inc., Beaupré

Interiors

Interior systems: Grondin Acoustique, Lévis
Epoxy Floor Coating: Les peintres Multicouleurs, Montréal
Laboratory furniture: Bedcolab, Laval

Fabricated metals

Steel Finishing: Groupe C&G Beaulieu Inc., Saint-Basile-le-Grand