## ITEM 5.3 National Butterfly Centre / Te Matauranga o nga Purerehua o Aotearoa

A. 17 August 2020, Auckland Domain Committee, Item 5.3 - National Butterfly Centre / Te Matauranga o nga Purerehua o Aotearoa, Presentation

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**Note:** The attachments contained within this document are for consideration and should not be construed as Council policy unless and until adopted. Should Councillors require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.
NATIONAL BUTTERFLY EDUCATION CENTRE

Concept Presentation

Mark Bateman and Jacqui Knight
Moths and Butterflies of New Zealand Trust

MOTHS AND BUTTERFLIES OF NZ TRUST

Mark Bateman
• Ngāi Tahu
• Retired Auckland businessman
• Former trustee, MBNZT

Jacqui Knight
• Founding trustee, MBNZT
• Working in conservation and environmental field 50+ years
MOTHS AND BUTTERFLIES OF NZ TRUST

**VISION:** to ensure that NZ’s ecosystem supports thriving butterfly and moth populations

**MISSION:** to engage with New Zealanders to ensure our biodiversity promotes a thriving moth and butterfly population

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MONARCH IS REVERED

- Who doesn’t love butterflies?

- Monarch butterfly better known in NZ than all other countries.
A vibrant, attractive new building to host primarily school groups, for fun and educational experiences around the life-cycle of New Zealand moths and butterflies.

- Classroom/teaching space for groups of 30-40
- Associated open-air butterfly garden (public)
- Walk-through protected teaching garden
- Propagation and seed storage space
- Staff office and small laboratory
- Small retail outlet
- Bathroom facilities
Attachment A

Item 5.3

ARCHITECTURAL INSPIRATION

6/08/2020
SITE PLAN

- Approx 300 m²
- Sheltered on the south and SW
- Large trees to south and SW
- Landscape to east encourages moth fauna
- Maximum sun all day/all year
- Perfect for Lepidoptera!

Me mahi tahi tatou – mo te oranga o te katoa

We must work together for the well-being of everyone
WHY MONARCHS?

- Excellent example of complete metamorphosis
- Gets people ‘hooked’ on nature
- Easy to study – in most parts of NZ and not afraid of humans
- Host plant readily available (well over 100,000 grown and sold each year!)
- Enhance environmental health (butterflies are environmental indicators, like canaries in the coalmine).

OUR LEPIDOPTERA FAUNA

- Highly distinctive butterfly fauna.
- High rate of endemism.
- More moths than all bird and mammal species in NZ put together.
- Many species of moth still undescribed.
SO MANY STORIES...

EDUCATION = FUN

- Encourage exploration, curiosity
- Teach sustainability, responsibility, citizenship
- Celebrate our natural history
- Celebrate our diversity
- Celebrate our languages (graphic communication)
- Storytelling
- Art
Hapaitia te ara tika pumau ai te rangatiratanga mo nga uri whakatipu

Foster the pathway of knowledge to strength, independence and growth for future generations