



**September 2019 Monthly talk**  
**Tuesday 10<sup>th</sup> September, 2019 @ 7.30 p.m.**

Palmerston North City Library,  
George Street Entrance, Palmerston North

**Talk: "Use of Drones for Ecology & Resource Management on rivers"**

**Speaker:** Tom Kay, F&B Lower North Island. Manager



Tom Kay using his drone at the Rangitata River, Erewhon Station, S. Island

Tom will be talking about his thesis project in which he'll be further developing the 'Habitat Quality Index'—a technique for measuring changes in river habitat quality over time—through the use of drones. He'll touch on the emerging uses of drones in river management and ecology and illustrate their use in story-telling with photography and video from some of the rivers he's been lucky enough to venture to with a drone.

Tom Kay is Forest & Bird's Regional Manager for the Hawkes Bay and Manawātū/Whanganui areas, and a postgraduate student of Ecology at Massey University. Tom developed a keen passion for the rivers while learning and developing his kayaking skills on the Mohaka River throughout his childhood. Ever since, his keen involvement in white-water kayaking, canoe-slalom racing, and rafting have taken him to some of New Zealand's most interesting and exciting rivers, leading him to focus his postgraduate study on the health of these amazing and complex ecosystems.

All welcome. Gold coin donation appreciated

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[www.forestandbird.org.nz](http://www.forestandbird.org.nz)