



MARGARET ANN CHAPMAN

1937-2009, NEW ZEALAND

Limnologist and zoologist of New Zealand. Her career was based on ecological studies on the zooplankton. She co-authored the *Guide to the freshwater Crustacea of New Zealand* (1976).

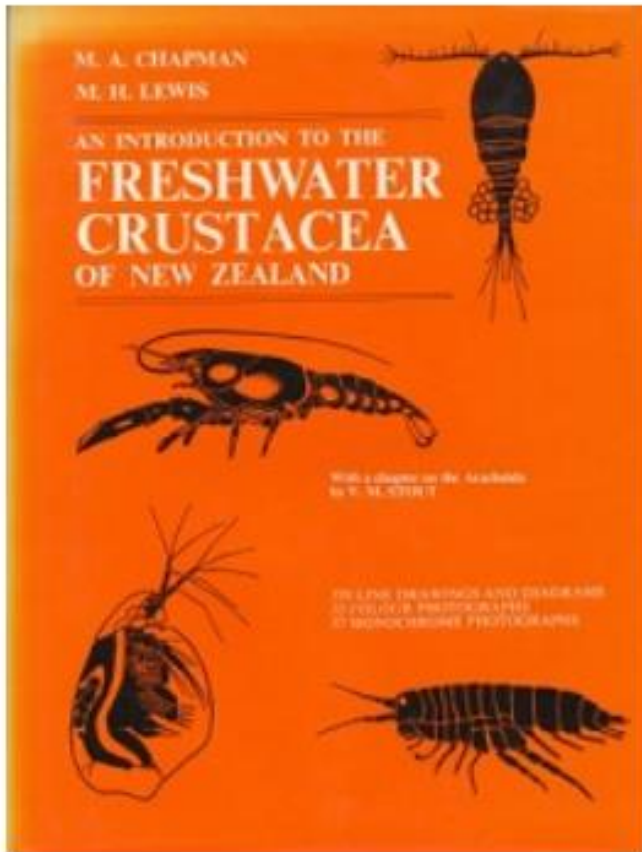
Professor at the University of Waikato, founding member of the Antarctic Research Programme at the same university, and co-founded of the New Zealand Freshwater Sciences Society (1967).

One of the first New Zealand women scientists to visit Antarctica, and the first woman to lead a scientific expedition to Antarctica (1971).

HERSTORY

The Lake Chapman, in Antarctica's Ross Dependency, is named in her honor. Also, a special conference session was held in her honor, which resulted in a special section in the *New Zealand Journal of Marine and Freshwater Research* (1999).

FRESHWATER CRUSTACEA



M. Ann Chapman & Maureen H. Lewis.
(1976). *An Introduction to the
Freshwater Crustacea of New Zealand.*

Her book “An Introduction to the Freshwater Crustacea of New Zealand” increased the knowledge of freshwater crustacean biology and ecology.

It focused on:

- Taxonomy and systematics of Crustacea
- How species function, distribution and behavior are constrained by environmental factors
- Detailed research on the morphology of Crustacea using scanning electron microscope.
- Molecular genetics and their application to systematics and phylogenetics.

RELEVANT CONTRIBUTIONS

Chapman, M. A., Lewis, M. H., Stout, V. M. (1976). Introduction to the freshwater crustacea of New Zealand. Collins.

Willis, K. J., Ling, N., **Chapman, M. A.** (1995). Effects of temperature and chemical formulation on the acute toxicity of pentachlorophenol to *Simocephalus vetulus* (Schoedler, 1858) (Crustacea: Cladocera).

Schnabel, K. E., Hogg, I. D., **Chapman, M. A.** (2000). Population genetic structures of two New Zealand corophiid amphipods and the presence of morphologically cryptic species: implications for the conservation of diversity. *New Zealand Journal of Marine and Freshwater Research*, 34, 637-644.

Chapman, M. A., Lewis, M. H., Winterbourn, M. J. (2011). Guide to the freshwater crustacea of New Zealand. Guide to the freshwater crustacea of New Zealand.

LOOKING
FOR MORE?

You can find more information about her story and research at:

https://en.wikipedia.org/wiki/Ann_Chapman

Green, John; Boothroyd, Ian (1999). Ann Chapman: Inspirational limnologist. *New Zealand Journal of Marine and Freshwater Research*, 33, 333-340.