RESEARCH SCIENTISTS – 4 X POSITIONS

- A shared national vision for collections, providing enhanced integration and access while supporting scientific discovery
- Join CSIRO, Australia’s premier research and technology organisation and be a part of this new venture!

Location: Canberra, Australia
Salary: $89K-$120K (based on qualifications and experience) plus up to 15.4% superannuation
Tenure: Indefinite

Pre-requisite
- PhD and extensive postdoctoral experience in a relevant field.

CSIRO’s National Collections

The Australian National Biological Collections Facility (ANBCF) within CSIRO comprises the Australian National Wildlife Collection (ANWC), Australian National Insect Collection (ANIC), Australian National Herbarium (ANH) and other national collections (including fish, algal, seed and wood collections). Each of these collections has staff and resources (traditional research specimens, living collections, cryofrozen tissues, sound, and data). As part of an integrated build in national capability in molecular systematics and evolutionary research, we are currently seeking four positions across ANBCF.

ACT12/03557 - Invertebrate - Molecular Systematics

This is an opportunity for a molecular systematist with a special interest in insects and genomics to make a substantial contribution to the Australian National Insect Collection (ANIC), the largest and most significant collection of Australian insects in the world. It is housed in CSIRO’s Ecosystem Sciences, which also conducts research on many other aspects of insect biology (e.g., ecology, biocontrol, biosecurity and insects as model genomic systems).

The appointee will be expected to use molecular data in research on the systematics and evolutionary biology of insects. They will have research strengths in phylogeny, systematics, and biogeography in the context of Australian insects. Their taxon focus will preferably be on the ANIC’s collection strengths of beetles (Coleoptera), moths and butterflies (Lepidoptera), flies (Diptera) or ants and wasps (Hymenoptera). The appointee will be expected to interact with colleagues to more fully integrate molecular data and analyses into ongoing research projects.

ACT12/03558 - Vertebrate - Systematics and Collections

To be a relevant force in understanding how organisms will adapt to environmental change we must continue species discovery that inventories our fauna as well as understands the genetic basis to adaptive mechanisms. This position will meet these needs by intersecting relevant disciplines of adaptation biology, evolutionary history, population genetics and systematics.
The appointee will be expected to lead in CSIRO’s embracing of genomics in evolutionary biology as applied to natural populations of vertebrates. They will work at the intersection of phylogeny and adaptation, systematics and population genetics, biogeography and phylogeography especially as applied in the context of Australo-Papuan vertebrates. Their focus will be on the ANWC’s vertebrate collections (especially birds and mammals) but developing capacity in any terrestrial vertebrate group would be encouraged / supported. The appointee will be expected to develop a field program that will contribute to growth of the collections.

**ACT12/04633 - Plant Molecular Systematics and Evolutionary Genomics (x2)**

We are seeking to appoint two early to mid-career scientists with interests in undertaking research on the Australian Flora in the areas of molecular systematics, evolutionary genomics and phylogeography. A solid grounding in collections-based science is still seen as essential to this work. The positions are based at the Australian National Herbarium within the CSIRO’s Division of Plant Industry, which also conducts research on many other aspects of plant biology (e.g. ecology, developmental biology, crop breeding, molecular biology and genomics). The Australian National Herbarium is a component of a joint venture in biodiversity science between CSIRO and the Federal Department of Sustainability, Environment, Water, Populations and Communities, through the Australian National Botanic Gardens.

**About CSIRO**

Australia is founding its future on science and innovation. Its national science agency, CSIRO, is a powerhouse house of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities across the nation. Find out more! [www.csiro.au](http://www.csiro.au).

For further information and to apply online for the above positions please visit our website at [CSIRO CAREERS](http://www.csiro.au), choose “Jobs Search” and insert the Job Reference Number where indicated.

**Applications close: 11.30pm (EST) on 30 January 2013.**