



Forestry-STUDENT JOB IN AUSTRALIAN OUTBACK

July – September 2019

Santanol is a world leader in the production and supply of ethical, sustainable and reliable Australian-grown East Indian Sandalwood (*Santalum Album*)

- Santanol (Mercer International Group) is an Australia based vertically integrated grower and producer of East Indian sandalwood oil
- The company is a pioneer in Sandalwood plantation management of a species that is facing extinction in its traditional environment
- Santanol holds a plantation estate of more than 2,000 hectares, primarily located at Kununurra in the Western Australia (Kimberley)
- Santanol has two modern processing facilities, the primary processing centre in Kununurra (harvest, grading & processing) and a state of art oil distillation facility in Perth, where all chipped wood is processed into oil
- Santanol manages plantation from establishment to maturity at around age 15, offering deep silvicultural experience in one of the most unique precious wood plantations, with sandalwood being a hemi-parasitic tree relying on the presence of host trees



We offer an opportunity for a 6 week forestry work in one of Australia's most spectacular landscapes in Western Australia, Kununurra in the Kimberly Region

We are looking for **two** reliable and enthusiastic **forestry students** (male/female) to join and support our operations team in the Ord River Irrigation Area, in Kununurra – Western Australia.

You will be directly involved in sociological investigations of our sandalwood plants - the silvicultural practices, inventory and plantation health monitoring.

WHAT WILL BE YOUR JOB?

- Measure stands and characteristics of our plantations
- Develop 'heatmaps' for host trees in order to develop second rotation
- Based on the host heatmap results, identify locations with low host tree stocking and infill host seedlings in these locations
- Natural re-growth of Sandalwood seedlings in areas with low stocking
- Assessment of structure of the root system between Sandalwood and its host trees
- Assist Santanol R&D with tree sampling and collection of data (growth, soil and host)

What are Heatmaps?

1. Identify suboptimal compartments (poor sandalwood survival, high cost)
2. Walk sandalwood stands with GPS-enabled field devices and mine data
3. Map individual host abundance and vigor
4. Generate heatmap / assess survival

Kununurra is a popular place and well known to backpackers and students on their working holiday and one of the larger centers of Australian indigenous people. The Ord River Valley is a place of fantastic wildlife from crocodiles to kangaroos. The dry season (April-November) is the best time for any work in the field. The job we offer is **physically demanding**, requiring working in temperatures well above 30 °C degrees. A high level of physical fitness is therefore a requirement to be successful and still have fun. You will also need to speak English and be in possession of an international driver's license to make your way through the plantations independently. The ability and willingness to work integrated in a multicultural team is important.

WHAT WE OFFER TO YOU?

- Work opportunity for 6 weeks during your lecture-free period (mid July – end of September 2019) in one of Australia's most spectacular regions
- Economy ticket for a return flight from Germany to Kununurra (KNX) via Perth.
- Attractive hourly compensation
- You will be supported by our experienced forestry and agronomic team mates working closely with them on a day-to-day basis
- You will gain a lot of experience in how to cultivate an astonishing and valuable tropical tree, which could as well be useful for your study

INTERESTED?

We are looking forward to your written short application by latest end of May 2019! Please contact us via E-mail Katrin.stoecker@mercerint.com or phone +49 30 3064 7180
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