

## A Discovery of New Tea Resource —— Cocoa Tea Tree Containing Theobromine from China

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### Abstract

*Camellia ptilophylla* Chang belongs to Ser. *Sinensis* Chang, Sect. *Thea* Dyer, Subgen. *Thea* Chang in taxonomy. The tea made from its one bud and two leaves contains tea tannin 33.26%, free amino acid 1.017%, catechin 73.750 per mil, theobromine 4.7%. The pharmacologic experiment shows that cocoa tea possesses evident function of reducing blood pressure such as *Camellia assamica* (Mast.) Chang and *C. sinensis* (L.) O. Kuntze, and the force promoting the contraction of heart muscle is much stronger than the latter. The discovery of cocoa tea and once it entering into the international trade will change the construction of tea market and would be significant in the theory of tea trees origin.

**Keywords** Cocoa Tea-*Camellia ptilophylla*-Theobromine-New tea resource

### · 简讯 ·

#### 杂交水稻杂种优势预测

我校生物系王永锐副教授承担的国家自然科学基金资助项目“杂交水稻生理优势和杂种优势预测”，通过了学术评议。参加评议的专家一致认为：该研究应用放射性同位素从运输和分配的角度，着重阐明了杂交水稻优势的生理基础，在国内外处于领先地位。这一研究成果在杂交水稻高产栽培技术上具有理论和生产的重要意义。实验所累积的资料，将为杂交水稻产量优势的预测提供良好的指标。