



Conference Abstract

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**Conference Abstract**

**Is the real drink of different colors which exists from the bee's bellies means only the Honey, and what are the meaning of bellies**

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**Speakers Profile**

Previously Professor at Damascus University, Faculty of Agriculture, Dr. Ali Al-Buraki holds a PhD. degree in Life Science, Biology and Apiculture from Franche-Comté University, Besançon, France; an M.Sc. in Neurosciences and Behaviour from the University of Franche-Comté, Besançon, France; and a B.Sc. in Agricultural Sciences from the Damascus University of Agriculture, in Syria. Dr. Ali Al-Buraki's research covers: Supervising and directed 8 Master and PhD. students till graduation. Publishing more than 50 Scientific Articles and Reports in Arabic French and English Author of 3 Books in Apiculture (Beekeeping) in Arabic, Wildbees and Entomology, Writer of many journal articles. Teaching: Entomology, Insects Ecology, Apidology (Apiculture), beekeeping skills. Dr. Ali Al-Buraki's experience includes: President of Syrian Beekeeper's Association (benevolent work) for 10 years which had 13 Branches in main cities in Syria. Chairman: Presiding 3 National and One Regional Conferences. Expert in Medicinal Plants and Honey "Committee in Productive projects Administration. Syria, Damascus. Expert in Beekeeping and Practice Training in

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Arab countries. Apiary owner (Beekeeper) for 30 years. Keeping more than 100 beehives. Syria, Damascus.

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### Abstract

The aim of this research in Qur'an's Tafseer "Interpretation" in Arabic language is to shed the light upon the eventual new tafseer to the two Verses from Alnahl Surah in the Holy Qur'an, which would come in concordance with the new discoveries in many science branches related to the honey bee life and Anatomy. The verse is: here comes forth from their bellies a drink of varying colour "hues". (3:111) Bellies: "بطون" Belly, Cavities and glands. Drink: "شراب" Liquid, Syrups, any liquid secretion by the several glands in the body of a honey bee like: royal jelly (bee milk), Mandible and Labial glands secretion's, Bee Venom: acid and alkaline glands secretions. Wax Glands secretions, salivary "Saliva" glands secretions. All those secretions are liquids and vary in color, they are composed from many substances or elements that we can call them "Sharab" which mean in Arabic terminology "Liquid", we can obtain them pure or some of them are mixed with the honey and the other hive products: Propolis, Pollen etc., and become elements from their structure. In conclusion I meant that the word "Sharab" conclude all the honey bee gland's secretions in a character of liquid pure or mixed with the other products: Propolis or Pollen during the collection in filed, and of course the honey in different color which is mentioned in the traditional Tafseer as the unique meaning of Sharab that is not the whole reality. We can also understand easily now that the term "Butoniha" is not only the parts of stomach of a honey bee female, but all the cavities or the scientifically called "glands" which excrete all those liquids substances known tell now in the field of research on honey bee in Apidology and other scientific fields. We can say while trying to think deeply in those few Arabic words revealed in the Holy Qur'an that they are keywords for Oceans and Oceans of secrets and scientific facts that have taken the Humanity centuries and centuries to discover.

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