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## RESOLUTIONS

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This has been a long day. I think you will be surprised to see how small a package everything has salted down to. We have only two resolutions resulting from today's activities. Before presenting them I'd like to thank Brian Hocking and Philip Corbet for helping the rapporteurs and me to put them together. The first resolution is entitled "The Need for Communication."

WHEREAS, There is a lack of appreciation of the social and biological significance of insects and of entomology, especially among parents, educators, employers, the communications media, and governments at all levels, therefore

*Be it Resolved*, That continuing and increasing efforts be devoted to remedying this lack, in particular by: 1. encouraging children to regard insects as friends rather than foes; 2. emphasizing the increasing value of living insects as classroom material, especially for illustrating biological principles; 3. encouraging the improvement of communication between educators and employers; 4. assisting the media to present, insofar as possible, information about insects and entomological problems that is authoritative and accurate; and 5. making known to governments the benefits and the costs to man of insect activities, and thus the need for entomologists, now and in societies of the future.

The second resolution pertains to the lack of practical experience of today's graduates in entomology.

WHEREAS, Too few graduating entomologists have adequate background in applied fields for immediate employment in them, therefore

*Be it Resolved*, That greater efforts be made by all concerned to: 1. facilitate summer employment for undergraduates in research especially in these fields, and 2. make additional material in applied fields available in the curriculum both as formal courses and through appropriate invited speakers.

Are there any questions?

*Běliček – Edmonton* – Entomology should be made compulsory for students in agriculture and related fields. If you want to be a physicist you have to take math. This should be true also of biologists and agriculturalists with respect to entomology. I suggest that we include a resolution to the effect that in agriculture and other pertinent fields an entomology course be made compulsory for graduation.

*Heming* – I would like to hear Dr. Hocking speak on this.

*Hocking – Edmonton* – We don't have the power to institute it. The curriculum in agriculture is decided by agriculture faculty council and that is what I meant when I said curriculum is decided by democratic process – not by democratic process among the students – but by faculty council. Faculty council eliminated a large proportion of required courses some years ago and I see little prospect of convincing them to change their minds.

*Corbet – Waterloo* – In relation to that last point, Mr. Chairman, we seem to have identified a serious deficiency among agriculture graduates, namely that they can graduate in agricul-

ture and not have been exposed to entomology. Since the present mechanism within universities is not competent to correct this, I think it would be appropriate to see how it can be corrected and I suggest that one way towards this might be for the employers to take a very stern line here and make it clear to the universities that they don't consider in many fields a graduate in agriculture as being trained adequately unless he or she has had entomology. *Heming* – Do other people here agree? I wonder if Dr. Corbet's contribution can be re-phrased as a resolution? Do you think this would have any impact on the powers that be in our faculty council?

*Mary Chance – Edmonton* – Perhaps we should include it as a resolution and send it on to the Faculty of Agriculture. Where are these resolutions going anyway?

*Heming* – I have to admit that I have given little thought about where these resolutions are going to go. They are to appear in the proceedings of this meeting, of course, but I am open for additional suggestions. One target will certainly be the Faculty of Agriculture.

*Fredeen – Saskatoon* – The Agricultural Institute of Canada and its provincial branches have professional standards committees. If these resolutions are worth anything they should go to these committees.

*Rowes – Pinawa, Manitoba* – I agree with Dr. Corbet that we should get potential employers involved. I also think that another symposium should be organized involving professors and employers that will get down to the problem of course details etc. What does the employer need? I suggest that an additional resolution should be formulated having to do with such a future symposium.

*Gittins – Moscow* – Something additional should be added to the resolution soon to come from Dr. Corbet's remarks. Those education students who are majoring in biology and who will be teaching biology at the elementary and high school level should be included. They too should be required to take entomology.

*Hocking* – I have spent the last few minutes framing a third resolution dealing with the last question to come up. I don't think of itself it will do much good; nevertheless, if there is additional support brought forward from other directions for this sort of thing, it just could bring about some changes.

WHEREAS, Knowledge of insects' is considered to be essential in the work of all agriculturalists, foresters, and educators in the life sciences and desirable in the work of educators in all sciences, therefore

*Be it Resolved*, That faculties of agriculture and forestry be requested to give favourable reconsideration to a requirement for entomology or at least to facilitate increased enrolment in courses in this field and faculties of education be similarly requested in respect of students in science and especially biology majors.

Moved by Evans, seconded by Holmes that the three resolutions be accepted in principle. Passed unanimously.