

## 文 獻

## 1939 年度に於ける動物染色體に関する業績一覽

List of Papers on Animal Chromosomes published in 1939

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例によつて 1939 年度に發表された動物の染色體に関する文獻を一覽表としてここに掲げる。現今の様な状態下にあつては完全に文獻を渉獵するといふことは甚だ困難なことに屬するが、幸に當教室の小熊教授の許へは世界各國から細胞學に関する大抵の文獻は集つて來るので、ここに掲げる文獻一覽表にもそれ程大きな遺漏はないと思ふ。然し完璧を期することは望み難い。不備な所は追加して整へて行きたい。御注意を頂ければ幸である。文獻閱覽の自由を與へられた小熊教授に感謝する。

本表には幾分でも染色體の研究に關係した所のある研究論文は凡て集録したつもりである。いつもここで問題になるのは *Drosophila* の仕事であるが、純遺傳學的のものは別として、唾腺染色體は勿論、少しでも染色體の形態に言及した所のあるものはこれを擧げることとした。然し實際に當つて見ると此の撰擇は甚だむづかしいものである。

文獻の配列は前年のと同様、無脊椎動物と脊椎動物に二大別し、其の中を綱により細分した。各綱の中に於ける文獻の配列は著者名のアルファベット順になつてゐる。

筆者の調べ得た限りでは 1939 年度に發表された論文は總數で 125 篇に及んでゐる。其の中無脊椎動物に關係するもの 88 篇、脊椎動物に關係するもの 35 篇、その他 2 篇である。1938 年度に於ける約 90 篇に比較すれば數に於て相當の増加である。現今の状态下にあつて考へさせられる現象である。

無脊椎動物では何と言つても昆蟲に關係するものがトップで 77 篇の多數に及んでゐる。双翅目 41 篇、直翅目 12 篇、鱗翅目 8 篇、半翅目 7 篇、その他 2, 3 篇づゝである。双翅目では本年も矢張り唾腺染色體の形態學的研究が大多數を占めてゐる。PAINTER 及び METZ と其の共同研究者の手になる唾腺染色體の構造に關する研究は注目に値するものと思ふ。然しまだ此の染色體の構造に關しては幾多の不明な點が残されてゐる様である。GEITLER の半翅目昆蟲の體細胞核に關する研究は唾腺染色體の構造と關聯してゐる點に於て興味深いものを提示する。昆蟲以外では COOPER のダニの細胞學が特筆される。

脊椎動物關係の論文 35 篇中、トップは兩棲類の 17 篇、次が哺乳類の 9 篇である。兩棲類では實驗的なものが多數を占め、特に川村智治郎氏の單爲生殖の研究と FANKHAUSER 及其の共同研究者の倍數性に關する仕事は興味深いものがある。魚類に關係するものは 4 篇あり、細胞學的に立遅れの感ある此の群が遅々として進歩の遅いのは淋しい。爬蟲類は MATHEY の研究が只 1 篇、鳥類は 4 篇出てゐる。鈴木清氏の家鷄及び雉子の染色體に關する研究の豫報が出てゐるが、斯學のため早く本報の出版されんことを望んで止まない。哺乳動物に於ては本年は核學的にこれといふ仕事はなかつた。

全篇を通じて邦人の手になるものは 32 篇を數へることが出來、米國關係のものは 51 篇、ヨーロッパ關係のものは 37 篇、及びその他といふことになる。歐洲の戰爭もやがて本格的な状態下にある。案じられるのは彼地の學者達の身の上である。無事ならんことを祈つて止まない。

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## INVERTEBRATA (無脊椎動物)

## PLATHELMINTHES (扁蟲類)

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## CRUSTACEA (甲殻類)

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## VERTEBRATA (脊椎動物)

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