GENETIC LITERATURE OF THE JAPANESE MORNING GLORY

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The Japanese morning glory, *Pharbitis Nil*, has proved useful material for Japanese geneticists for the last twenty years and more, although Yasuda had dealt with it as far back as 1897, before Mendelism had become generally recognized. The earliest papers on this plant written from the Mendelian standpoint were published by Toyama and Takezaki in 1916. Prior to those, Tanaka, in 1915, described the inheritance of certain characters in his text-book. All together, up to 1937, we have 141 papers (including Tanaka’s text-book, and Miyake and Imai’s illustrated book) as genetic literature of the Japanese morning glory, of which 59 are in English, 3 in German, and the remaining 79 in Japanese, the majority of them being devoted exclusively to genetic descriptions and discussions of this plant, the rest being partial treatments of the subject. These papers were published in Japan as well as in America, England, Germany, and Holland. The publications, which gradually increased from 1918 to 1926, and somewhat diminished after 1930. Except Correns' work, all the investigations were conducted by Japanese workers. Correns adopted the name *Ipomoea imperialis*, which, however, is synonymic with *Pharbitis Nil*, and the genes treated by him are our ‘yellow’ and ‘variegated.’ The authors who contributed to the genetic literature are the following 19 geneticists arranged alphabetically, namely, the late Correns, Hagiwara (萩原時雄), Imai (今井喜孝), Kanna (神名勉), Katayama (片山義勇), Kihara (木原均), Miyake (三宅健一), Miyazawa (宮澤文吾), Nishimura (西村健雄), Sō (宋), Tabuchi (田邉雄雄), Takezaki (竹崎嘉雄), Tanaka (田中長三郎), Terao (寺尾博), the late Toyama (外山照太郎), U (池長孝), Yamaguchi (山口剛輔), the late Yasuda (安田篤), and Yasui (保井倉). In addition to these, Kanō (加納孝義), Nagao (長尾正人), and Nakajima (中島哲一) made contributions from the cytological standpoint. The following list includes these 141 articles, but popular writings and notes are excluded.

**List of Literature**

(C in Japanese)


--- 1924. Genetic studies in morning glories. IX. Bot. Mag., Tokyo 38: 27-44.


--- 1926. Genetic studies in morning glories. XVI. Bot Mag., Tokyo 40: 446-449.


IMAI, Y. and KANNA, B. 1934. Linkage studies in Pharbitis Nil. IV. Genetica 16: 467–475.


