



UNUSUAL FALL GROWTH OF OPHIOGLOSSUM ENGLEMANNI*

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The writer has been unable to find any published account concerning the fall growth of *Ophioglossum Englemanni* Prantl. in Oklahoma. Soon after the late fall rains of 1936 it was found growing in an ungrazed pasture five miles southeast of Norman, Oklahoma. On October 29 it was still in excellent condition with well developed sporangia. A greater display of sporangia was found on November 11. By November 17 the lines of dehiscence were becoming well marked. Finally on November 21 dehiscing sporangia were found.

It is interesting to note that the temperature fell far below freezing on several nights during this period. A heavy frost occurred on October 27. Only a few specimens were found, however, that were affected by the low temperatures. Below is a table of weather data compiled from the records of the weather station of the Central State Hospital which is approximately four miles away from the collection station.

Date	High 1st killing frost	Low
Oct. 27		
Oct. 29	70	43
Oct. 30	68	47
Oct. 31	72	58
Nov. 1	73	64
Nov. 2	80	58
Nov. 3	58	25
Nov. 4	50	21
Nov. 5	56	30
Nov. 6	60	35
Nov. 7	58	35
Nov. 8	58	25
Nov. 9	58	35
Nov. 10	60	30
Nov. 11	63	34
Nov. 12	68	37
Nov. 13	67	34
Nov. 14	68	44
Nov. 15	66	41
Nov. 16	63	33
Nov. 17	68	41
Nov. 18	65	41
Nov. 19	62	39
Nov. 20	71	42
Nov. 21	69	45

*Contribution from the Botanical Laboratory of the University of Oklahoma.
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