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Practical observations of the British grasses, especially such as are best adapted to the laying down or improving of meadows and pastures

Curtis, William

London, 1805

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Explanation of the plate.

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EXPLANATION OF THE PLATE.

1. A piece of the infected wheat straw—natural size: at *a* the leaf-sheath is broken and removed, to shew the straw which is not infected under it.
2. A highly magnified representation of the parasitic plant which infects the wheat: *a* in a young state; *b* full grown; *c* are two plants bursting and shedding their seeds when under water in the microscope; *d* two plants burst in a dry state; *e* seems to be abortive; *f* seeds in a dry state; *g* a small part of the bottom of a pore with some of the parasitic fungi growing upon it.
3. A part of the straw of fig. 1, magnified.
4. Part of fig. 3 at *a b* more magnified.
5. Part of a straw similar to fig. 3, but in its green state, and before the parasitic plant is quite ripe.
6. A small part of the same, more magnified.
7. A highly magnified transverse cutting of the straw, corresponding with fig. 4, shewing the insertion of the parasite in the bark of the straw.
8. A longitudinal cutting of the same, magnified to the same degree.
9. A small piece of the epidermis of a straw, shewing the large pores which receive the seed of the parasite; the smaller spots, observable on the epidermis, are the bases of hairs that grow on the plant of the wheat whilst young, but which fall off when it ripens, magnified to the same degree as the preceding figures.