What are case-endings in the sense of Aryan grammar? Kühner informs us that "all the relations which the Greek denotes by the genitive, dative, and accusative were originally considered relations of *space*." * The relations of time and causality also were regarded as relations of *space*. Whitney remarks that out of the seven cases "three of them distinctly indicated local relations: the ablative denoted the relation expressed by *from;* the locative that expressed by *in;* the instrumental that expressed by *with* or *by*." † To these Peile adds the dative, denoting the relation expressed by *to* or *towards*.‡ Can any one explain away these words of Kühner, Whitney, and Peile?

The learned author of "Polysynthesis and Incorporation" informs us that "a further consequence of the same method" (*i. e.,* his method of polysynthesis) "is the absence of true relative pronouns, of copulative conjunctions, and generally of the machinery of dependent clauses." In Siouan languages there are copulative conjunctions. That there are words which perform the functions of relative pronouns may be seen from the following sentences:

Mazhan	dhan	ankikandhai	te	andhia	tangatan	ebdhegan—I
Land	the	we desire for ourselves	the (which)	we fail	we shall	I think

think that we shall fail to obtain the land which we desire for ourselves.

Nuzhinga	dhii	dhinke	e	azhi	ha.	Panka	azhi
Boy	gave it to you	he who	that one (aforesaid)	another	.	Ponka	another

shange	tan	ihan	tan	adhin	aka	e	gdhizai
horse	the standing	his mother	the standing	has	he who (subject)	that one (aforesaid)	took his own

shangetazhinga—The youth who gave it to you is not the one (who
    colt

now has the stray colt). He who has taken it is the Ponka who has the colt's mother.

Unless one has before him one or more series of sentences, such as occur in myths or epistles, he is hardly in the position to speak with authority, at least so far as dependent clauses are concerned.§

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* Op. cit., p. 373.
† Op. cit., pp. 271, 272.
‡ Op. cit., pp. 102–106.
§ For examples of dependent clauses in the Siouan languages see my Madison address, "The Biloxi Indians of Louisiana," p. 16, and "Contributions to North American Ethnology," vol. 6, pp. 582, 585, *et passim*.