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MORE ON IN SITU *WH*- AND FOCUS CONSTRUCTIONS IN HAUSA*

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1. INTRODUCTION. Hausa is a discourse-configurational language where constituent *WH*- and focus constructions typically entail departures from the canonical *SVO* word order and pattern together in their morphosyntactic properties (*WH*-terms are inherently focus constituents). For both constructions Hausa is conventionally analyzed as having only one strategy—*FRONTING* to a designated structural position—with special inflectional morphology on the obligatory preverbal (perfective/imperfective) *TAM*, and an optional copula/focus marker (see §2). (Special *INFL* marking is attested throughout the Chadic family.) Recently, however, as a result of looking more closely at actual utterances produced by Hausa-speakers, some important new facts have emerged which demonstrate that *WH*-expressions and information focus (both new information and contrastive/corrective) can also occur *IN SITU* in the default declarative base position, without any morphological reflex on the independent *TAM* (*INFL*), special focus-marking on the *TAM* being a function (and diagnostic) of movement. Although, for many speakers, the syntactic distribution of *in situ WH*-elements (in particular) and focus elements appears to be limited compared with the canonical displacement option—more specifically there are constraints on the accessibility of core arguments especially to *in situ* questioning (§3.1)—they are out there and so cannot be ignored (and further research could reveal that they are in fact more widespread than I am assuming). The possibility of *in situ WH*-elements in Hausa—attested throughout the West Chadic branch—had in fact already been recognized and documented in both Newman (2000:496) and Jaggar (2001:522-23), but the parallel *in situ* focus facts had not, to my knowledge, been exposed before the observations in Jaggar (2001:496-98) and Green & Jaggar (2003) (see §3.2). In these accounts, we claimed that *in situ* focus and interrogative elements were “especially common with verbal/nonverbal predicates containing locative and prepositional phrases” (Jaggar 2001:496). However, subsequent research has revealed that core arguments, i.e., direct and indirect objects, can also function as *in situ WH*-elements, e.g., as pronouns (for some speakers), and focus, e.g., as NPs. This paper therefore provides a larger and more comprehensive body of evidential support for the existence and exploitation of *in situ* constituent interrogative and focus elements as discourse-pragmatic strategies.

The discovery that questions and focus can occur both *ex situ* and *in situ* on a range of constituents highlights the need to extend our narrow construction-bound definition of the

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notions “WH-questions” and “focus” in Hausa beyond simple morphosyntactic reflexes, and to rethink traditional assumptions about the different information-packaging operations they subsume.

2. EX SITU WH-QUESTION AND FOCUS (= MOVEMENT). Hausa permits a wide range of constituents to undergo syntactic WH-/focus movement, including NPs, pronouns, VPs, and adjuncts (“movement to Spec-FP” in contemporary formulations).¹ Ex situ focus can be either new, non-presupposed information (where the salient material directly answers a WH-question), or contrastive/corrective depending on the discourse context (the latter type is a subcase of the category known as “exhaustive” focus in the modern linguistic literature, see Kiss 1998). Examples (1-2) illustrate typical ex situ WH-questions and new information focus responses, entailing: (1) fronting of the discourse-new WH-/focus elements (underlined) to left periphery; (2) special inflectional focus marking on the preverbal TAMs (this applies to the perfective and imperfective TAMs only); (3) an optional post-focus copula/focus marker (which reinforces the impact of the focus). (On these well-documented displacement phenomena, see McConvell 1973; Tuller 1986; Wolff 1993; Green 1997; Newman 2000:187-95, 488ff.; Jaggar 2001:493ff., 513ff.; for a survey of approaches to focus in African languages, see Bearth 1999; see also Morimoto (2000) for cross-linguistic (including Bantu) data on the sentence-initial focus position.)²

- (1) a. [wàa_i]_{WH} **kukà** [gani_i _____i] à **kàasuwaa**? (question with ex situ WH-element)
 who 2PL.FOC-PFV see at market
 ‘whom did you see at the market?’
- b. [yaarònkà_i]_{FOC} **nee mukà** [gani_i _____i] (answer with ex situ new info. focus)
 boy.of.2MS FM(MS) 1PL.FOC-PFV see
 ‘it was your boy we saw’ (= English *it*-cleft construction)

In (1a-b) the extraction and fronting of the direct object WH-question and focus-answer elements **wàa** ‘who(m)?’ and addressee-new **yaarònkà** ‘your boy’ (both coindexed with a gap _____i) trigger selection of the special “focus” form of the perfective TAM (= 2PL.FOC-PFV **kukà** and 1PL.FOC-PFV **mukà**)³ Notice that the focus-fronted construction with the non-

¹ Greenberg (1966) notes a strong correlation between WH-movement and both SVO (= Hausa) and VSO word order, and Dik (1997:283) reports that approximately 70% of the world’s languages utilize the ex situ pattern with WH-terms.

²Transcription: **à(a)** = Low tone, **â(a)** = Falling tone, High tone is unmarked; **aa**, **ii**, etc. = long, **a**, **i**, etc. = short; **ɓ**, **ɗ** = laryngeal implosives, **ƙ** (**K'**) = ejective, **ɾ** = apical tap/roll, **c** and **j** = palato-alveolar affricates. Abbreviations: ALLAT = allative (TAM); F = feminine; FM = focus marker (nonverbal copula); FOC-IMPFV = focus (relative) imperfective; FOC-PFV = focus (relative) perfective; FUT = future; IMPER = imperative; IMPFV = imperfective; M = masculine; NEG = negative; PFV = perfective; PL = plural; REL = relative marker; S = singular; SJN = subjunctive; 1/2/3/4 = first/second/third/fourth person.

³ In Jaggar (2001) I introduced the cover-term “focus” for the special inflectional categories of the perfective and imperfective TAMs used in WH-/focus environments, in preference to

verbal copular focus marker **nee** in (1b) corresponds to and so is glossed with a syntactic *it*-cleft in the English equivalent (although the Hausa construction is in fact monoclausal).⁴ Typical examples of moved WH- and focus constituents, taken from *Hausar Baka* [HB] by Randell, Bature & Schuh (1998), with other syntactic functions and perfective/imperfective TAMs, are:

[HB:segment 3.13]

- (2) a. **tòo m̀èè ak̀èè ỳi dà shii?** (opening question with ex situ WH-pronoun)
OK what 4PL.FOC-IMPFV doing with 3MS
'OK what is done with it?'
b. **ɗ̀aur̀aa mus̀u ak̀èè ỳi à ɗ̀uẁaawuns̀u** (answer = ex situ new info. VP focus)
tie to.3PL 4pl.FOC-IMPFV doing on buttocks.of.3PL
'it's tied on their buttocks' (lit. 'tying on them one is doing...')
(with focus-fronting of the VP in 2b)

Example (3) illustrates exhaustive focus (with string vacuous movement) on an independent (2FS) pronoun subject in the lower clause:

- (3) **k̀i tabb̀ataa k̀ee k̀ik̀a kai mas̀a àbinc̀in nan** [HB:2.17]
2FS.SJN be sure 2FS 2FS.FOC-PFV take to.3MS food that
'make sure you have taken that food to him' (i.e., and no one else)

(4a, b) illustrate WH-fronting and focus-fronting of stationary locative prepositional phrases in nonverbal tensed clauses with focus imperfective TAMs:

- (4) a. **t̀oo à ìnaa kuk̀è?** [HB:2.13] (question with ex situ locative WH-PP)
OK at where 2PL.FOC-IMPFV
'OK, where are you?' (i.e., where do you live?)
b. **muu à K'oof̀ar̀ Maataa muk̀è** (= ex situ new info. locative PP focus)

the traditional term "relative". I chose the terms "focus-perfective" and "focus-imperfective" in order to provide a unified semantic characterization of (most of) the syntactic environments which require these special TAMs. Although these reductionist labels are not ideal, I still think that on balance they are preferable to the narrow and potentially misleading terms "relative-perfective" and "relative-imperfective" (see in particular the discussion on pp. 162-4). The focus INFL is also used in relative clauses (hence the conventional term), and these overlap considerably with subordinate interrogative constructions, cf. (subordinate interrogative) **naa san àb̀in dà yak̀èè neemaa** 'I know what he's looking for' (... thing.the REL 3MS.FOC-IMPFV looking for), and (relative construction) **g̀aa àb̀in dà yak̀èè neemaa** 'here is what he's looking for'.

⁴ The focus-marker/copula (also used in equational and identificational constructions) is also present, in segmentally repeated form, in the fully expanded variants of the personal **ẁaa** 'who?' and non-personal **m̀èè** 'what?' WH-pronouns, i.e., (MS) **ẁaa-nee-ǹèè** 'who (is it)?', **m̀èè-nee-ǹèè** 'what (is it)?' (see exx. 24a, 25a).

1PL at Gate.of Women 1PL.FOC-IMPV

‘we, we’re at the Women’s Gate’ (lit. ‘we at Women’s Gate we are’)

(5) exemplifies a fronted NP (a) followed by a response (b) in which the predicative complement adjective (head) is also moved:

- (5) a. **shuudîn fentîi kakèè wà mootàrkà?** (*yes/no* question with ex situ focus NP)
 blue.of paint 2MS.FOC-IMPV to car.of.2MS
 ‘are you painting your car blue?’
- b. **aa’aa, baƙii nakèè matà** (answer = ex situ corrective focus)
 no black 1S.FOC-IMPV to.3FS
 ‘no, I’m painting it black’ (lit. ‘no, black I am (doing) to it’)

3. IN SITU WH-QUESTION AND FOCUS ELEMENTS. Although the ex situ WH- and focus constructions exemplified above represent the norm in Hausa, there is much more to the story. Both WH-elements (§3.1) and focus elements (§3.2) also pattern together in terms of an alternative, pragmatically equivalent, information-packaging strategy—they can (and often do) occur in situ, with a general (non-focus) TAM in the perfective and imperfective, and are appropriate with both new information and exhaustive/exclusive focus (contra Kiss 1998).⁵ However, because overt syntactic movement with a morphological reflex on the TAM is much more visible than the in situ strategy, this is the only one documented in standard descriptions (with the marginal exception of WH-constructions, §3.1). The result is that, prior to the in situ focus facts reported in Jaggar (2001:496-98) and Green & Jaggar (2003), the non-canonical in situ versions were hidden “below our radar”—we didn’t see, but only because we weren’t actually looking. This neglect/omission is perhaps even more surprising given that in situ interrogatives are relatively common in other West Chadic languages, and pragmatic in situ focus is also attested (see Schuh 1978, 1982, 1998, and §4). Another problem stems from the fact that Hausaists have tended to rely upon (and sometimes simply copy) the same or similar ex situ examples which are often decontextualized data derived from formal elicitation. Once we move away from made-up introspective data and look at real speaker usage in natural communicative contexts, however, we encounter a surprising number of spontaneous “accidental” utterances containing in situ interrogative and focus expressions which cannot be ignored. Much of the interactive data cited as evidence below is taken (or adapted) from *Hausar Baka* ‘Spoken Hausa’ (Randell, Bature & Schuh 1998), a 5-hour set of transcribed videos comprising spontaneous everyday discourse with a range of different speakers.⁶ Where

⁵ Kiss (1998) proposes a computational system which is sensitive to focus-type: ex situ correlates with exhaustive focus, in situ with new information focus. The Hausa facts clearly pose serious problems for any such hypothesis (see also Green & Jaggar 2003).

⁶ Russell Schuh has, like myself, been using these *Hausar Baka* materials in his language classes at UCLA for a number of years, and we have exchanged data and ideas on the various in situ WH- and focus constructions we have encountered in this extensive spoken corpus.

necessary, i.e., to fill a gap in the coverage, this data is supplemented by discourse-linked examples provided and cross-checked by speakers.

3.1. IN SITU WH-ELEMENTS. In situ WH-expressions are relatively restricted in their distribution compared with the more dominant *ex situ* variants (accessibility to focus in situ is less constrained, §3.2).⁷ The first observation to make is that with regard to (non-subject) core arguments functioning as in situ WH-elements, i.e., direct objects and indirect objects in verbal clauses, speakers vary considerably in their grammaticality judgments (see below for WH-subjects). The generalization seems to be that the in situ WH- strategy is sensitive to the syntactic role of the constituent, and I have marked all such elicited examples with % to indicate this inter- and intra-speaker variation.⁸ Examples (5-7) are taken from my cross-checked fieldnotes and they include a natural discourse context (a) for the subsequent (b) in situ WH-question on a core argument:

- (5) a. **duk mun ga mutàanee can**
 all 1PL.PFV see people there
 ‘we saw all the people there’
- b. %**kun ga wàa dà wàa?** (in situ conjoined direct object WH-pronoun)
 2PL.PFV see who and who
 ‘who did you see?’ (lit. ‘you saw who and who?’)
- (6) a. **mun aikà kaayân kàasuwaa**
 1PL.PFV send goods.the market
 ‘we’ve sent the goods to the market’
- b. %**tôo, kun aikaa mà/wà wàa?** (in situ conjoined indirect object WH-pronoun)
 fine 2PL.PFV send to who
 ‘fine, who did you send (them) to?’ (lit. ‘you sent to who?’)

⁷ Keenan & Bimson (1975) claim that languages with *in situ* WH allow a greater range of positions to be questioned than languages using *ex situ* WH (see also Dik 1997:281). This generalization breaks down for Hausa, where the accessibility constraints are stronger for in situ WH-expressions.

⁸ The boundaries to what is admissible are difficult to specify given our present knowledge. In Jaggar (2001:496n) I noted that some speakers of eastern Hausa dialects appeared to allow (non-subject) core arguments to function as in situ WH-elements (perhaps due to substrate influence from languages permitting or requiring in situ WH-expressions in general?). It now seems that this strategy is not as dialect-specific as I had earlier thought. The distribution and frequency of in situ WH-elements (and focus) remains to be determined, however, and it could be that we are simply looking at more general categorial patterning, and not regional variation. Alternatively, it is possible that I have in fact underestimated the prevalence of in situ questions (and focus) in spontaneous discourse. If only we Hausaists had access to machine-readable corpora of natural texts comparable to the Brown corpus of a million words of American English or the London/Oslo/Bergen corpus of British English!

Example (7b) illustrates an oblique (comitative) argument operating as an in situ WH-element:

- (7) a. **Hàdiizà taa daawoo taa kòo zoo dà abubuwaà iri-iri**
 Hadiza 3FS.PFV return 3FS.PFV and come with things kind-kind
 ‘Hadiza has returned and brought different kinds of things’
 b. **%tòo, taa zoo dà mèle dà mèle?** (*in situ* conjoined comitative WH-pronoun)
 OK 3FS.PFV come with what and what
 ‘OK, what has she brought?’ (lit. ‘she has brought what and what?’)

Speakers differed in their reactions to the above (b) examples of in situ WH-questions on core (and oblique) arguments. Some accepted them, usually as a secondary option to the fronted version which was in fact the Hausa equivalent first produced. Other speakers considered them only marginally acceptable, at times bordering on ungrammatical. Perhaps this constraint on accessibility relates to the pragmatic fact that questions, unlike reactive focus responses (§3.2), are opening speech acts formulated without any presuppositional background and so need to be overtly encoded as questions.

Although the cut-off point for the in situ strategy was variable, *all* speakers predictably allowed the canonical ex situ WH- versions with fronting and focus TAMS, i.e., (5b') **dà wàa dà wàa kukà gani?** (and who and who 2PL.FOC-PFV see), (6b') **tòo, wàa kukà aikàa wà?** (OK who 2PL.FOC-PFV send to), (7') **tòo, dà mèle dà mèle ta zoo?** (OK with what and what 3FS.FOC-PFV come). Compare also (8b), the in situ version of (37a), where the interrogative NP (WH-determiner + noun) is less readily left in situ:

- (8) a. **jiyà nee dà na ci àbinci sai na mancee kaayaanaa**
 yesterday FM(MS) when 1S.FOC-PFV eat food then 1S.FOC-PFV forget things.my
 ‘it was yesterday when I’d eaten I forgot my things’
 b. **%kin mântà wàné kaayaa?** (*in situ* direct object WH-NP)
 2FS.PFV forget which things
 ‘which things did you forget?’ (lit. ‘you forgot which things?’)

with speakers initially volunteering the occurring (37a) **wàné kaayaa kika mântaa?** (which things 2FS.FOC-PFV forget).

Subjects, it is important to note, are not licensed to operate as in situ WH-elements (nor as in situ foci, §3.2, exx. 49b, 50b), and only (string vacuous) movement to the sentence-initial focus site is possible, e.g.,

- (9) **su-wàa sukà zoo?** (ex situ subject WH-pronoun)
 3PL-who 3PL.FOC-PFV come
 ‘who came?’
 cf.,
 (10) ***su-wàa sun zoo?** (*in situ* subject WH-pronoun)
 3PL-who 3PL.PFV come
 ‘who came?’

(10) is ungrammatical (for all speakers) because the INFL **sun** is not marked for focus. Subjects must move, therefore, if focussed.

When we turn to clausal *adjuncts* functioning as in situ WH-elements, judgements become uniformly more secure. There are functional constraints on accessibility to the in situ WH- operation, therefore, and many speakers have in situ WH- on core arguments (unacceptable) and adjuncts (acceptable) in complementary distribution. Locative **inaa** ‘where?’, for example, regularly occurs in situ in verbal clauses with goal complements (**inaa** is also extremely common in situ in nonverbal contexts, see below), e.g.,

- (11) **hannun riigār Fāriidà zāi kai inaa?** (HB:3.08b, in-situ WH-adjunct)
 sleeve.of dress.of Farida FUT.3MS reach where
 ‘where will the sleeve of Farida’s dress reach to?’ (lit. ‘...will reach where?’)
- (12) a. **yaarònaa yaa baŕ gidaa**
 boy.of.1S 3MS.PFV leave home
 ‘my boy has left home’
- b. **yaa tàfi inaa (nèe)?** (in-situ WH-adjunct)
 3MS.PFV go where (FM(MS))
 ‘where has he gone?’ (lit. ‘he has gone where (it is)?’)

Cf. the synonymous ex situ alternatives with a focus INFL: **inaa hannun riigār Fāriidà zāi kai?** (where sleeve.of dress.of Farida FUT.3MS reach), **inaa (nèe) ya tàfi?** (where (FM(MS)) 3MS.FOC-PFV go). The above in situ adjuncts, like their ex situ counterparts, still carry the same intrinsic focus function and semantics of WH-elements, even if they do not trigger INFL focus marking. (Kraft & Kirk-Greene (1973:113-14) also cite the same in situ WH-adjunct example as 12b, in addition to an in situ WH-direct object in **yaa yi mée?** ‘what did he do?’ (3MS.PFV do what).)

The temporal interrogative adjunct **yàushee** ‘when?’ is similar to locative **inaa** ‘where?’ in its syntactic distribution (perhaps because temporal location is the analogue of spatial location), often operating in situ as the adverbial complement of the durational preposition **haŕ** ‘until’, e.g.,

- (13) **zaa kà kai haŕ yàushee à gàrii?** (in-situ WH-adjunct)
 FUT 2MS reach until when in town
 ‘until when will you stay in town?’ (lit. ‘you will stay in town until when?’)

Examples (14-16) illustrate more adjuncts functioning as in situ WH-elements in verbal clauses (with some variation (%) in acceptability):

- (14) %**kin sàamee shì à wàné haali?** (in situ manner WH-PP)
 2FS.PFV find 3MS in which condition
 ‘what condition did you find him in?’ (lit. ‘you found him in which condition?’)
- (15) %**kin gayàa matà hakà sabòodà mée?** (in situ causal WH-PP)
 2FS.PFV tell to.3FS this why

‘why did you tell her this?’ (lit. ‘you told her this why?’)

- (16) a. **sai ta kaawoo masà kudfìn ta ajiyee ta tàfi**
 then 3FS.FOC-PFV bring to.3MS money.the 3FS.FOC-PFV put down 3FS.FOC-PFV leave
 ‘then she brought the money to him and put (it) down and left’
 b. %**sai ya yi yàayàa dà suu?** (in situ manner WH-adjunct)
 then 3MS.FOC-PFV do how with 3PL
 ‘then what did he do with it (them)?’ (lit. ‘then he did how with them?’)

(the INFL **ya** in (16b) is in the focus (perfective) form because it is part of a historical narrative sequence which contains specific, discrete events in sequence).

When we turn to nonverbal contexts, base position WH-elements are regularly attested and are especially common in *nonverbal stationary locative* (**inaa** ‘where?’) predicates, and this particular construction was one of the first to occur to me when I started to research the problem. (Recall too that in situ focus is also common in verbal clauses containing locative predicates, §3.1.) The felicitous dialogues in (17, 18) illustrate naturally-produced in situ locative **inaa** WH-elements occupying the linear position which the corresponding stationary locative expressions would occupy in the declarative construction, and occurring with a general imperfective TAM in verbless tensed clauses.⁹ Notice that the corresponding declarative addressee-new information answers can, and often do (17b), contain in situ locative focus (so anticipating and supplementing the data in §3.2).

- (17) a. **sunàa inaa yànzù?**¹⁰ (question with in situ locative WH-adjunct)
 3PL.IMPFV where now
 ‘where are they now?’ (lit. ‘they are where now?’)
 b. **sunàa makařantaa** (answer with in situ new info. locative focus)
 3PL.IMPFV school
 ‘they are at school’
 (18) a. **đaatàanaa ya k̄waacèe mìn** [HB:2.11] (ex-situ new info. focus)
 eggplant.of.1S 3MS.FOC-PFV grab from.1S
 ‘(it’s) my eggplant he grabbed from me’
 b. **yanàa inaa, đaatàn?** (follow-up with in-situ locative WH-adjunct)
 3MS.IMPFV where eggplant.the

⁹ When we move to embedded subordinate clauses, however, my impression is that it is *not* possible for the interrogative locative phrase to remain in situ in such nonverbal tensed constructions, i.e., ***sai ta tàmbàyi sanìn [sunàa inaa]** ‘then she asked where they were’ (then 3FS.PFV ask knowing.of 3PL.IMPFV where) is ruled out, and only **sai ta tàmbàyi sanìn [indà sukè]** (... knowing.of where 3PL.FOC-IMPFV) is admissible, where initial position **indà** ‘where’ is the complex relative form corresponding to interrogative **inaa**.

¹⁰ In Standard Hausa, clauses containing a WH-element usually attach a Low tone interrogative morpheme with vowel length /ː/ to the final constituent (the so-called “*q*-morpheme), and I am assuming this applies whether the WH-element is ex situ or in situ. If the word has a final High tone, as in (17a), the output is a Falling tone on a long vowel, i.e., **sunàa inaa yànzù** + /ː/ → [sunàa inaa yànzûu]. See Newman & Newman (1981) for details.

‘where is it, the eggplant?’ (lit. ‘it is where, the eggplant?’)

If the locative WH-element occurs as the complement of a preposition, however, then the entire PP must be fronted, e.g., (source head preposition) **dàgà ìnaa kíkè?** ‘where are you from?’ (lit. ‘from where you are?’), but not ***kinàa dàgà ìnaa?** (lit. ‘you are from where?’), (verbal, ex. 26c) **dàgà wàné gàrii ka zoo?** ‘from which town do you come?’, but not ***kaa zoo dàgà wàné gàrii?** (lit. ‘you come from which town?’). On the other hand, the temporal WH-adjunct **yàushee** ‘when?’ regularly occurs in situ in nonverbal (and verbal) clauses as the complement of the durational preposition **haĩ** ‘until’, e.g.,

- (19) **kanàa nan haĩ yàushee?—zân zaunàa haĩ ƙarfèe bakwài** (*in situ* WH-adjunct)
 2MS.IMPFV there until when—FUT.1S stay until o’clock seven
 ‘until when are you around?—I’ll stay until seven o’clock’
 (lit. ‘you are around until when?’...)

Sentence (20) contains an in situ causal WH-adjunct (acceptable for some speakers):

- (20) %**kinàa dàariyaa don mèle?** (*in situ* causal WH-adjunct)
 2FS.IMPFV laughing why
 ‘why are you laughing?’ (lit. ‘you are laughing why?’)

All the above in situ locative WH- and focus elements could (and often would) be fronted to left periphery, of course, producing the following (near) synonymous ex situ variants with focus-imperfective TAMs (some, but not all speakers, consider the preposed alternatives to be slightly more emphatic): (17a') **ìnaa sukè yànzù?** ‘where are they now?’ (where 3PL.FOC-IMPFV now), (17b') **à makařantaa sukè** ‘they are at school’ (at school 3PL.FOC-IMPFV), (18b') **ìnaa yakè, d’aatàn?** ‘where is it, the eggplant?’ (where 3MS.FOC-IMPFV eggplant.the), etc. (cf. also example 4a). Note too that the truth conditions, illocutionary meaning and propositional content of the in situ and ex situ versions remain the same. What we encounter in actual usage, however, are perfectly natural examples of base-position adverbial WH-elements (and focus) with no INFL focus marking, i.e., with parallel syntax and TAM morphology, the choice of which is probably also influenced by personal and interactional style. Although they do not trigger INFL focus marking, they still express the focus function and semantics and their distribution overlaps with that of the displaced versions. Indeed, my impression is that the in situ interrogative strategies (and focus answers) exemplified in (17a, 18b, 19), i.e., with locative and temporal adjuncts and imperfective TAMs in verbless clauses, are at least as frequent and natural as their ex situ syntactic counterparts in such question/answer environments (see also §3.2).

The adverbial WH-quantifier **nawà?** ‘how many/much?’ is positionally versatile and can occur in situ in both verbal (21a, 22a) and nonverbal (23a) clauses, e.g.,

[HB:3.16]

- (21) a. **anàa sayar dà ita kamař nawà?** (question with *in-situ* quantifying WH-PP)
 4PL.IMPFV sell 3FS about how much

- ‘about how much is it sold for?’ (lit. ‘one sells it about how much?’)
- b. **anàa sayar dà ita ðàrii biyu dà hàmsin** (in situ new info. focus answer)
4PL.IMPFV sell 3FS 250
‘it’s sold for 250 (naira)’ (lit. ‘one sells it 250’)
- [A lemon-seller asks a customer how many pieces he should slice the orange into]:
- (22) a. **à rabàa gidaa nawà?** [HB:3.12] (question with in-situ quantifying WH-NP)
4PL.SJN divide house how many
‘how many pieces should one divide (it into)?’
(lit. ‘one should divide piece how many?’)
- b. **ràbaa gidaa huɗu** (answer with in situ new information focus)
divide.IMPER house four
‘divide (it into) four pieces’
- (23) a. **wannàn nawà nee?** (question with in situ WH-quantifier)
this one how much FM(MS)
‘how much is this one?’ (lit. ‘this one how much it is?’)
- b. **yanàa tsàkaanin nairàa hàmsin dà nairàa sittin** (in situ new info. focus)
3MS.IMPFV between naira 50 and naira 60
‘it’s between 50 and 60 naira’

Nonverbal equational constructions in which in situ WH-words and their in situ focus responses function as complements are also common, e.g.,

- (24) a. **shii wàanee nèe?** (question with in-situ WH-pronoun)
3MS who FM(MS)
‘who is he?’ (lit. ‘he who it is?’)
- b. **shii Audù nee** (answer with in situ new information focus)
3MS Audu FM(MS)
‘he is Audu’ (lit. ‘he Audu it is’)
- (25) a. **shii kuma wannàn mèneene nèe?** (question with in-situ WH-pronoun)
3MS and this what FM(MS)
‘and what is this?’ (lit. ‘and this what it is?’)
- b. **wannàn jàkaa cèe** (answer with in situ new information focus)
this bag FM(F)
‘this is a bag’ (lit. ‘this bag it is’)

Having established and exemplified the existence of in situ WH-elements in verbal and nonverbal clauses, and elucidated the syntactic constraints on accessibility to the operation, we now move on to consider the corresponding focus facts.

3.2. IN SITU FOCUS. Focus can also occur in situ in verbal clauses with a general TAM (see the many examples in §3.1), in addition to nonverbal clauses, and the in situ strategy is appropriate with both focus types according to discourse context, i.e., new information and contrastive/corrective focus (see Jaggar 2001:496-98; Green & Jaggar 2003; Hartmann [in press]).

Without an extensive and systematic text count it is difficult to state with any certainty to what extent in situ focus is less frequent than the movement focus strategy (if at all) in natural contexts, but it is certainly subject to fewer distributional constraints than the corresponding in situ WH-constructions. It freely occurs, for example, with core arguments in verbal predicates, e.g., exx. 37-48, and there are also scattered tokens to be found in pedagogical texts, e.g., Cowan & Schuh (1976:85). This in situ distribution could derive from the pragmatic fact that focus-answers, unlike questions, simply provide information within a pre-established, addressee-old discourse framework, and as such do not require overt marking to the same extent as questions. Parallel to in situ interrogatives, in situ focus is especially common with locative adverbial predicates (source, goal, location), but it is also possible with temporal and instrumental complements, and in some cases, e.g., with nonverbal locatives and possessive (“be with”) adverbial complements and imperfective TAMs, in situ focus actually represents the norm. They also express the same truth conditions, propositional content, and illocutionary force as the ex situ versions would.

The data in (26a-j) are highly informative—they are all taken from segment 1.11b (p. 40) of *Hausar Baka*, a brief exchange which nevertheless includes one in situ WH-word (a), and *four* in situ focal responses (d, f, h, j):¹¹

- (26) a. **zuwàn yàushee?** (question = in situ WH-adjunct)
 coming.of when
 ‘when did you come?’
- b. **ai zuwàn kèenan**
 well coming.the it is
 ‘well I’ve just come’
- c. **dàgà wà nè gàrii ka zoo?** (question = ex situ WH-PP)
 from which town 2MS.FOC-PFV come
 ‘from which town do you come?’
- d. **naa tahoo dàgà Bīrniin K’wànni** (= in situ new info. PP focus)
 1S.PFV come from Birnin Konni
 ‘I come from Birnin Konni’
- e. **tòò, mée ka zoo yīi à gàrinmù?** (question = ex situ WH-pronoun)
 OK what 2MS.FOC-PFV come doing in town.1PL
 ‘OK, what have you come to do in our town?’

¹¹ Given that English marks in situ (and often ex situ) focus by means of prosodic prominence (nuclear stress) on the focal constituent, this gives rise to some open and interesting empirical questions: (a) can Hausa also identify the focus of an utterance through prosodic means, e.g., pitch, duration, stress? (b) is there a “trade-off”, i.e., when focus is expressed syntactically, especially in a tone language, it is not also highlighted by any prosodic prominence as claimed, for example, for Aghem (Bantu) by Watters (1979)? Melanie Green (Sussex University) is planning to investigate the possible interaction between morphosyntactic and prosodic options for marking Hausa focus (both ex situ and in situ), in addition to WH-constructions. (On the syntax-focus-prosody interface, see Truckenbrodt 1999.)

- f. **naa zoo gàrinkù zìyaaṙàa nee**
 1S.PFV come town.2PL visit FM(MS)
 ‘I’ve come to your town (to) visit’
 (where the in situ new information focus is realized as a purposive NP adjunct)
- g. **mèè dà mèè kakèè sôn ganii?** (question = ex situ WH-pronouns)
 what and what 2MS.FOC-IMPFV wanting.of seeing
 ‘what do you want to see?’
- h. **inàa sôn ganin kòokawàa dà dambe** (= in situ new info. conjoined NP focus)
 1S.IMPFV wanting.of seeing.of wrestling and boxing
 ‘I want to see wrestling and boxing’
- i. **à inaa ka sàuka?** (question = ex situ locative WH-PP)
 at where 2MS.FOC-PFV stay
 ‘where are you staying?’
- j. **naa sàuka à gidan kàawuunaa** (= in situ new info. locative PPfocus)
 1S.PFV stay at house.of uncle.my
 ‘I’m staying at my uncle’s house’

In (26d) the (source) locative prepositional phrase (**dàgà**) **Birnin K'wànni** ‘(from) Birnin Konni’ represents the principal information which directly and explicitly answers the interrogative PP **dàgà wàné gàrii?** ‘from which town?’ in (26c), and it occurs in the base position with a general perfective TAM (= 1S **naa**). In terms of pragmatic function, it represents the salient discourse-new information focus (on the pragmatics of focus, see Dik 1989:264ff., 1997:291ff.). All the in situ foci in (26), moreover, still carry the same intrinsic focus function and semantics as their ex situ counterparts would, even though they do not trigger INFL focus marking. Interestingly in this regard, Newman (1974:68-69) reports that Kanakuru (West Chadic-A) requires focus locatives to remain in situ.

Example (27), inter alia, shows that the WH- and focal response strategies do not have to match (27a = ex situ, 27b = in situ).

- (27) a. **inaa sukà tàfi?** (question with ex situ WH-adjunct)
 where 3PL.FOC-PFV go
 ‘where have they gone?’
- b. **sun tàfi gidaa** (answer = in situ new information focus)
 3PL.PFV go home
 ‘they’ve gone home’

Examples (28-34) illustrate various adverbial elements functioning as in situ informational foci, including locative complements (goal, location) and time adjuncts.

- (28) a. **inaa ka sàyee shì?** (question = ex situ WH-adjunct)
 where 2MS.FOC-PFV buy 3MS
 ^where did you buy it?’
- b. **naa sàyee shì à Kàtsinà** (= in situ new information locational focus)
 1S.PFV buy 3MS in Katsina

- (29) a. 'I bought it in Katsina'
 `inaa kòofii? (question = ex situ WH-adjunct)
 where coffee
 'where's the coffee?'
 b. **yanàa can cikin kwabàa** (answer = in situ new information locative focus)
 3MS.IMPFV over there in cupboard
 'it's over there in the cupboard'
- (30) a. **inaa zàa ka?** (question = ex situ WH-adjunct)
 where ALLAT 2MS
 'where are you off to?'
 b. **zàa ni tashàa** (answer = in situ new information locative goal focus)
 ALLAT 1S station
 'I'm off to the station'

Sentence (31b) contains a sentence-final copula/focus-marker with interesting scope implications:

- (31) a. **inaa zuwàa?** (question = ex situ WH-adjunct)
 where going
 'where (are you) going?'
 b. **zân tàfi gidaa nèe** (answer = in situ new information locative goal focus)
 FUT.1S go home FM(MS)
 'I'm going home'

From a formal syntactic point of view, the (optional) occurrence of the default masculine singular focus marker **nèe** as used in sentence-final position in (31b) correlates with sentence-focus, i.e., where the focus extends its (wide) scope over the entire proposition (sentential focus is common in Hausa). However, in discourse-pragmatic terms, the (in situ) focus is unambiguously assigned to the goal locative noun **gidaa** 'home', the subclausal syntactic constituent which, as addressee-new information, directly and explicitly answers the locative WH-question (see also exx. 47b, 51c).¹² Examples (32-34) illustrate in situ focus on various temporal adjuncts expressing duration and (clock) time points (realized by adverbs, NPs and PPs):

¹² Compare English (Quirk et al. 1985:1363ff.), where the constituent bearing the nuclear stress in a response can in fact encompass varying amounts of material, i.e., the scope of the focus is (potentially) ambiguous, ranging from broad to narrow. Thus, an utterance such as 'he's buying a can of PAINT' (with small capitals indicating that the stress is on PAINT) could be a plausible and coherent response to any of the following questions (with progressively narrower foci): (a) 'what's happening?' (focus scope = clause 'he's buying a can of paint'); (b) 'what is he doing?' (scope = VP 'buying a can of paint'); (c) 'what is he buying?' (scope = NP 'a can of paint'); (d) 'what's he buying a can of?' (scope = noun 'paint'). See also Green & Jaggar (2003:205).

- (32) a. **ƙarfèe nawà zaa kà daawoo?** (question = ex situ temporal WH-NP)
o'clock how many FUT 2MS return
'what time will you return?'
- b. **zân daawoo dà ƙarfèe biyu** (= in situ new info. temporal PP focus)
FUT.1S return at o'clock two
'I'll return at 2 o'clock'
- (33) **kin gayàa minì zaa kì zoo jiyà** (in situ corrective temporal adverb focus)
2FS.PFV say to.1S FUT 2FS come yesterday
'you told me you would come yesterday'
- (34) a. **yânzu kanàa yîn kwaanaa nawà kàn kà gamà** [HB:3.16]
now 2MS.IMPFV doing.of day how many before 2MS.SJN finish
dīnkìn hùulaa ɗaya? (in situ durational WH-NP)
sewing.of cap one
'how many days do you now spend before you finish sewing one cap?'
- b. **inàa yîn kwaanaa huɗu** (in situ durational NP focus)
1S.IMPFV doing.of day four
'I spend four days'

Examples (35b, 36b) illustrate base-position adverbial complements of the instrumental-comitative preposition **dà** 'with' (indicating "be with" possession with the imperfective TAM in 36b):

- (35) a. **dà mēe dà mēe akēe yīnsà?** (question = ex situ conjoined WH-pronouns)
with what and what 4PL.FOC-IMPFV making.of.3MS
'with what is it made?'
- b. **anàa yīnsà dà filaawàa dà yīs dà ƙwai** (answer = in situ new info. focus)
4PL.IMPFV making.of.3MS with flour and yeast and eggs
'it is made with flour and yeast and eggs'
- (36) a. **mēe kakè dà shii?** (question = ex-situ WH-pronoun)
what 2MS.FOC-IMPFV with 3MS
'what do you have?'
- b. **inàa dà fensìr dà kuma biiròo** (answer = in situ new info. focus)
1S.IMPFV with pencil and pen
'I have a pencil and a pen'

Pragmatically highlighted in situ focus is also freely attested with (non-subject) core arguments in verbal predicates, in contrast to the corresponding WH-constructions where there is variable loss of acceptability regarding in situ core arguments (§3.1). Examples (direct and indirect object focus):

- (37) a. **wànè kaayaa kika mântaa?** [HB:3.07] (question = ex situ WH-NP)
which things 2FS.FOC-PFV forget
'which things did you forget?'

- b. **naa mâncee jàkaataa dà hùulaataa** (= in situ new info. conjoined direct object focus)
 1S.PFV forget bag.of.1S and hat.of.1S
 ‘I forgot my bag and my hat’
- (38) a. **kòofii zaa kà shaa?** (yes/no question)
 coffee FUT 2MS drink
 ‘will you drink coffee?’
 b. **aa’aa, zân shaa shaayì** (= in situ corrective direct object focus)
 no FUT.1S drink tea
 ‘no I’ll drink tea’
- (39) a. **tôo, bâs zaa kà hau koo kùwa Fijjôo?** [HB:3.02-04] (ex situ alternative question)
 OK bus FUT 2MS ride or else Peugeot
 ‘OK, will you ride a bus or a Peugeot (taxi)?’
 b. **nii naa fi sôn hawaa Fijjôo**
 1S 1S.PFV exceed wanting.of riding Peugeot (in situ selective focus)
 ‘me, I prefer to ride (in) a Peugeot (taxi)’
- (40) a. **aikìn mée akèè à nân?** (question = ex situ WH-phrase)
 work.of what 4PL.FOC-IMPV at here
 ‘what work is done here?’
 b. **munàa aikìn rinì** (answer = in situ new info. predicate focus)
 1PL.IMPV work.of dyeing
 ‘we do dyeing work’
- (41) **dàa naa sanii dàa naa zàafi Tankò, bàa Muusaa ba**
 if 1S.PFV know then 1S.PFV vote for Tanko NEG Musa NEG
 ‘if I’d known I would have voted for Tanko, not Musa’
 (contrastive in situ direct object focus)
- (42) a. **mée sukà kaawoo?** (question = ex situ WH-pronoun)
 what 3PL.FOC-PFV bring
 ‘what did they bring?’
 b. **sun kaawoo riigaa** (answer = in situ new info. direct object focus)
 3PL.PFV bring gown
 ‘they brought a gown’
- (43) a. **wàcè mootàa zaa sù baa shì?** (question = ex situ WH-NP)
 which car FUT 3PL give 3MS
 ‘which car will they give him?’
 b. **zaa sù baa shì Mařsandì** (answer = in situ new info. direct object focus)
 FUT 3PL give 3MS Mercedes
 ‘they’ll give him a Mercedes’
- (44) **koomee wàhalàř aikìn, zaa sù baa Audù**
 whatever difficulty.of work.the FUT 3PL give Audu
 ‘however difficult the work, they would give (it to) Audu’
 (= contrastive in situ indirect object focus)

In order to reinforce the truth value of a response, speakers sometimes insert a preverbal restrictive-corrective “modal particle” **dai** ‘actually, just’ (45b, 46b) and/or an adverbial

focusing modifier such as **kawàì** ‘just, only, simply’ (45c), or a sentence-final focus marker (47b), e.g.,

- (45) a. **kaa gayàa wà Audù làabaañin?** (*yes/no* question)
 2MS.PFV tell to Audu news.the
 ‘did you tell (to) Audu the news?’
 b. **aa’àa, naa dai gayàa wà Kànde** (= *in situ* corrective indirect object focus)
 no 1S.PFV actually tell to Kande
 ‘no, I actually told Kande’

or:

- c. **aa’àa, naa gayàa wà Kànde kawàì**
 no 1S.PFV tell to Kande just
 ‘no, I just told Kande’
 (46) a. **wàa kukà yi wà àlkawàrii?** (question = *ex situ* WH-pronoun)
 who 2PL.FOC-PFV do to promise
 ‘who did you promise (to)?’
 b. **mun dai yi wà Audù àlkawàrii** (= *in situ* corrective indirect object focus)
 1PL.PFV actually do to Audu promise
 ‘we actually promised Audu’

Example (47b) has *in situ* focus on a modifying adjective functioning as a head element:

- (47) a. **kaa sàyi jār mootàa?** (*yes/no* question)
 2MS.PFV buy red.of car
 ‘did you buy a red car?’
 b. **aa’àa, naa sàyi faraa nèe** (= *in situ* corrective adjective head focus)
 no 1S.PFV buy white(F) FM(M)
 ‘no, I bought a white (one)’

(47b) is also another example of the masculine singular focus marker **nèe**, often used in end position to signal sentential focus, but in this case pragmatically scoping the most informative element in the clause—the left-adjacent adjectival head **faraa** ‘a white (one)’ (see also ex. 31b). Notice that even though the semantic focus is unambiguously on the *in situ* feminine singular constituent **faraa** ‘a white (one)’, the final focus marker **nèe** takes the default masculine gender—(feminine) gender agreement on the focus marker would only be triggered if **faraa** was fronted, i.e., **aa’àa, faraa cèe na sàyaa** ‘it’s a white (one) I bought’ (no **white(F) FM(F)** 1S.FOC-PFV buy). Example (48) illustrates *in situ* focus followed by the same end-position focus marker, where the pragmatic scope is on the contrastive VP ‘(I’m going to) buy (it)’:

- (48) **naa faasà hayàr gidân, zân sàyaa nèe**
 1SG.PFV postpone renting.of house.the FUT.1SG buy FM(MS)

‘I’ve changed my mind about renting the house, I’m going to buy (it)’

Subjects represent a special category and cannot receive in situ focus, with speakers routinely rejecting examples such as (49b, 50b) (with ***sun** INFL) in response to the *yes/no* question (49a) and WH-question (50a):

- (49) a. **’yan-sàndaa sun gaanoo gaawaĩ mamàcìn?**
 police 3PL.PFV discover body.of dead man.the
 ‘did the police discover the dead man’s body?’
 b. **aa’aa, ’yaa’yan mamàcìn sukà (*sun) gaanoo shì**
 no children.of dead man.the 3PL.FOC-PFV (*3PL.PFV) discover 3MS
 ‘no, the dead man’s children discovered him’
- (50) a. **su-wàa sukà tàfi Amìrkà?**
 3PL-who 3PL.FOC-PFV go America
 ‘who went to America?’
 b. **su Audù dà Muusaa (nèe) sukà (*sun) tàfi**
 3PL Audu and Musa (FM.PL) 3PL.FOC-PFV (*3PL.PFV) go
 ‘Audu and Musa went’

As with WH-questions (§3.1, ex. 10), the subject focus responses with (***sun**) are inadmissible because the INFL is not marked for focus, and only the displaced versions with the focus INFL **sukà** are possible, with string vacuous movement to the designated pre-INFL focus target. (For cross-linguistic discussion of this asymmetry between subjects and non-subjects under focus, see Green & Jaggar 2003:211, and Hartmann & Zimmermann 2004 for similar phenomena in other Chadic languages.)¹³

Example (51) illustrates negative focus with in situ locative adjuncts, alongside the preposed counterparts:

- (51) a. **yaarònkà yanàa Amìrkà koo?** (yes/no question with tag)
 boy.of.2MS 3MS.IMPFV America or
 ‘your son’s in America isn’t he?’
 b. **aa’aa, baa yàa Amìrkà, yanàa Ingilà** (corrective in situ locative focus)
 no NEG 3MS.IMPFV America 3MS.IMPFV England
 or:
 c. **aa’aa, bàa à Amìrkà yakè ba, à Ingilà yakè** (corrective ex situ locative focus)
 no NEG in America 3MS.FOC-IMPFV NEG in England 3MS.FOC-IMPFV
 ‘no, he’s not in America, he’s in England’

Notice that even though the “wrap-around” negative markers **bàa...ba** bracket the whole clause in the fronted (51c) version (the only possible syntactic positioning for the speakers I

¹³ Noonan (1981), writing on Lango (West Nilotic), suggests that (movement and) special marking of WH- and focus subjects is a mechanism for avoiding positioning them in the sentence-initial position normally reserved for *topics* (see also Dik 1997:321ff.).

consulted), the discourse domain means that the scope of the exhaustive negative focus is narrow (not wide), i.e., it would be pragmatically and unambiguously interpreted as falling on the fronted adjunct **Amīrkà** ‘America’ (s). (The interface between (contrastive) negation, preposing, focus and scope is yet another area of this complex and poorly-understood system just waiting to be investigated!)

In (52) the speaker mixes strategies, using in situ focus in (52b) to negate the discourse-old information—the goal locative ‘Kano’ in (52a)—followed by the correct replacement new information ‘Kaduna’ occurring ex situ (52c):

- (52) a. **sun tàfi Kanò koo?** (yes/no question with tag)
 3PL.PFV go to Kano or
 ‘they went to Kano didn’t they?’
 b. **aa’aa, bà sù tàfi Kanò ba,** (in situ negative goal focus)
 no NEG-PFV 3PL go to Kano NEG
 c. **Kàduuna sukà tàfi** (corrective ex situ goal focus)
 Kaduna 3PL.FOC-PFV go to
 ‘no, they didn’t go to Kano, (it’s) Kaduna they went to’

Fronted focus constructions could of course be substituted for all the above in situ examples, with essentially the same truth conditions, e.g., (26d’) **dàgà Bīrnin K’wànni (nèe) na tahoo** ‘(it’s) Birnin Konni I come from’ (from Birnin Konni (FM.MS) 1S.FOC-PFV come), (30b’) **tashàa zâa ni** ‘(it’s) the station I’m off to’ (station ALLAT 1S), (37b’) **jàkaataa dà hùulaataa (nèe) na mancee** ‘(it’s) my bag and my hat I forgot’ (bag.of.1S and hat.of.1S (FM.PL) 1S.FOC-PFV forget), (38b’) **aa’aa, shaayii (nee) zân shaa** ‘no, (it’s) tea I’ll drink’ (no tea (FM.MS) FUT.1S drink), (41’) **dàa naa sanii dàa Tankò na zàaḅaa, bà Muusaa ba** ‘if I’d known (it’s) Tanko I would have voted for, not Musa’ (if 1S.PFV know then Tanko 1S.FOC-PFV vote for NEG Musa NEG), (48’) **naa faasà hayâr gidân, sàyensà zân yi** ‘I’ve changed my mind about renting the house, I’m going to buy it’ (lit. ‘...buying of it I will do’, 1SG.PFV postpone renting.of house.the buying.of.3MS FUT.1S do), etc., etc.

Instead, whatever the conventional wisdom regarding the formal reflexes of focus in Hausa, what we have here are naturally-produced examples from spontaneous discourse which must be recognized for what they represent—in situ focus constructions which place the communicatively more important elements (often discourse-new information) at or towards the end of the clause. (Quirk et al. (1985:1356ff.) refer to this linear ordering as the principle of “end-focus”, similar to the “communicative dynamism” concept introduced by the “Prague School”; see also Hetzron 1975 on African languages.) In the same way, therefore, that general linguists describe and analyze English, Hungarian, Standard Arabic, and many other languages, as displaying in situ (as well as ex situ) focus (Quirk et al. 1985; Kiss 1998; Huddleston & Pullum 2002:1365ff.), so the descriptive facts require us to analyze Hausa too as licensing pragmatic in situ focus.

4. SUMMARY AND IMPLICATIONS. As so often happens in (Hausa) linguistic research, once we are alerted to the existence of some previously undocumented phenomenon, our “antennae” all of a sudden start to pick up more and more examples. This paper has provided

further empirical confirmation of the fact that in situ WH- and focus constructions are an integral part of Hausa grammatical architecture, and has made some progress in elucidating the syntactic contexts which license them. The in situ versions are syntactically more basic than their ex situ counterparts, but do not differ in their truth conditions, propositional content, or illocutionary force, only in the way they organize and present the information, and the information-packaging itself can shift throughout the discourse. In other words, they are simply a different *type* of focus construction. The account extends our knowledge beyond the narrow confines of standard approaches and permits a more complete and coherent overview of WH- and focus constructions. Much work remains to be done, however, e.g., on the relative frequency of the two strategies across different genres, the accessibility of core arguments especially to in situ questioning, the scope and interaction of WH/focus, focus markers and negation, embedded subordinate interrogatives, the use of restrictive focus modifiers such as ‘only’, ‘just’, etc. Table 1 summarizes the syntactic organization of WH- and focus expressions.

	in situ WH-constituent in question	in situ focus constituent in response
verbal predicate	% (= judgements vary) %kin mântà wàné kaayaa? ‘ <u>which things</u> did you forget?’ (lit. ‘you forgot <u>which things</u> ?’) √ Ex situ universally acceptable: wàné kaayaa kika mântaa? ‘ <u>which things</u> did you forget?’	√ naa mântà jàkaataa dà hùulaataa ‘I forgot <u>my bag and hat</u> ’ + ex situ: jàkaataa dà hùulaataa (nèe) na mântaa ‘(it’s) <u>my bag and my hat</u> I forgot’
nonverbal predicate	√ (e.g., locative predicate) sunà ìnaa yànzù? ‘where are they now?’ (lit. ‘they are <u>where</u> now?’) + ex situ: ìnaa sukè yànzù? ‘ <u>where</u> are they now?’	√ sunà makařantaa ‘they are <u>at school</u> ’ + ex situ: à makařantaa sukè ‘they are at school’ (lit. ‘ <u>at school</u> they are’)

Table 1. Syntactic distribution of in situ WH- and focus constructions in Hausa.

From a wider comparative-historical perspective, the Hausa facts need to be viewed in the context of the syntax of related West Chadic languages (subgroups A and B), where in situ constituent WH-elements are common, e.g., the Bole/Tangale languages (Schuh 1978), including Kwami (Leger 1994:171ff.), Tangale (Kidda 1993:30ff.), the Bade/Ngizim group (Schuh, 1982), Kanakuru (Newman 1974:63-71), Guruntum (Haruna 2003:126ff.), Zodi [Dass] (Caron 2002:179), Mupun (Frajzyngier 1993:366ff.), and Miya (Schuh 1998:chap. 12). Base-position WH-constituents are also found in some Central Chadic languages, e.g., Ga’anda (R. Newman, 1971), Daba and Mina (Frajzyngier 1996:221ff.), Kera (Ebert 1979:260ff.), and in East Chadic, e.g. East Dangaléat (Ebobissé 1979). In situ constituent focus is also an option in some languages, e.g., Kanakuru (pronouns) (Newman 1974:63-71), Mupun (Frajzyngier 1993:397ff.) (and the *only* strategy in languages such as Miya and

Goemai [Hellwig, p.c.]), though it appears to be less common than displacement (with question/focus subject-postposing attested in some cases, Schuh 1971, Newman 1974). This distribution raises the possibility at least that the Hausa in situ WH-constructions, and perhaps also in situ focus, are in fact syntactically-restricted retentions from Proto-West Chadic, and that the movement strategy in Hausa (and other languages where it is now found) is in fact a syntactic innovation.

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