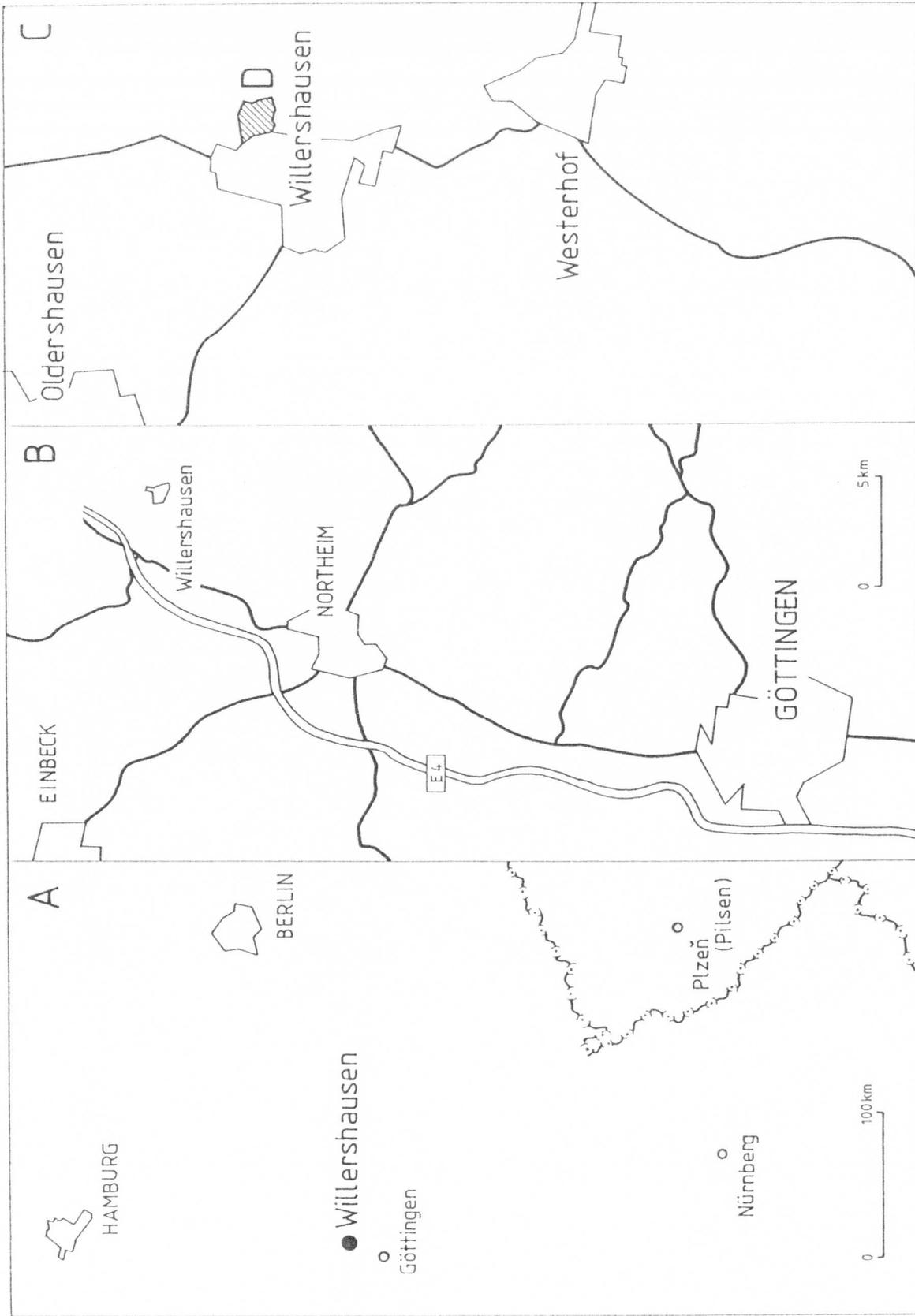


## **IX. Abbildungen und Tafeln**

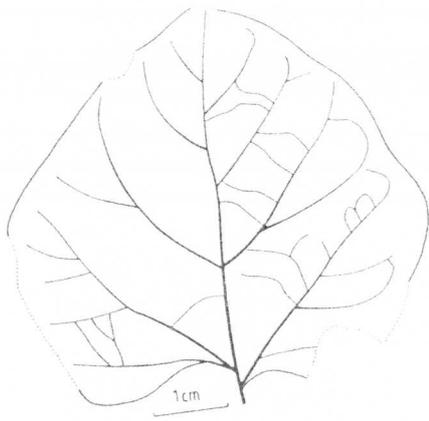
Näheres siehe Kap. VII.

### **IX.1 Abbildungen**

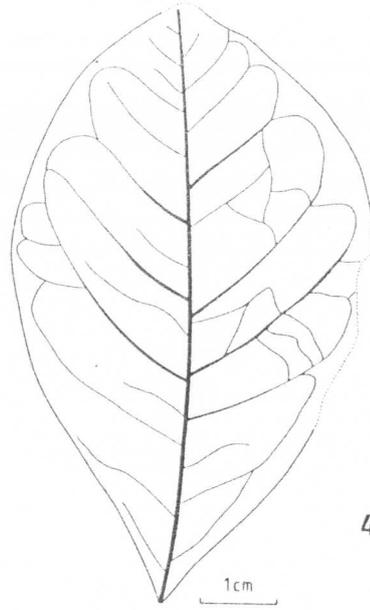
Die Strichzeichnungen wurden vom Autor selbst angefertigt und dann mit Tusche von Herrn umgezeichnet.



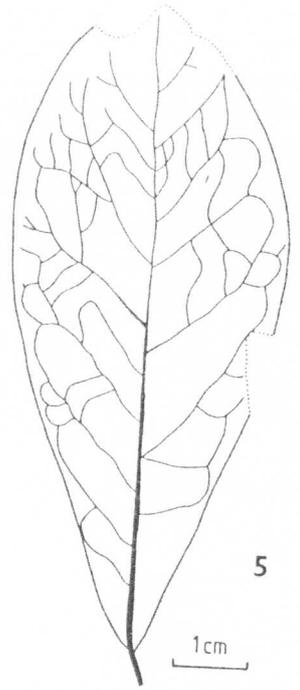
1. Die geographische Lage von Willershausen in Mitteleuropa (A), in bezug zu Göttingen (B) sowie die Lage der ehemaligen Ziegelei (C) bei Willershausen und das heutige Naturschutzgebiet (schraffiert, D), das seinerzeit die fossile Flora lieferte.



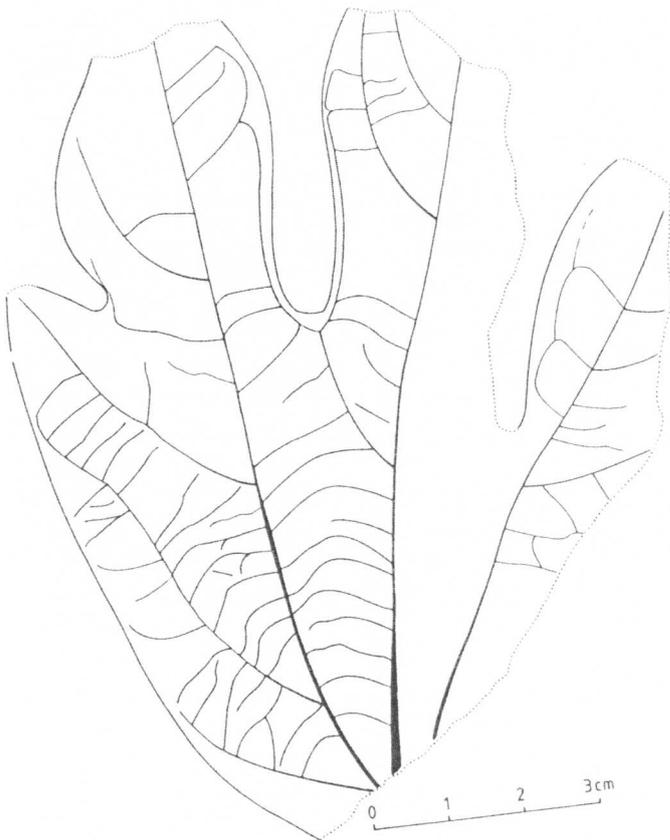
2



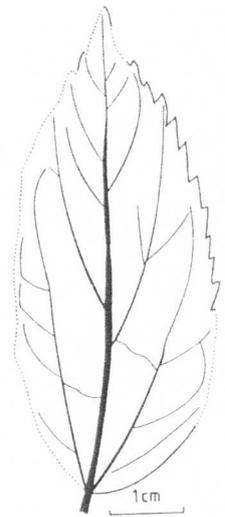
4



5



6



7

2. *Aristolochia pliocenica* (GIVULESCU et TICLEANU) comb. n.

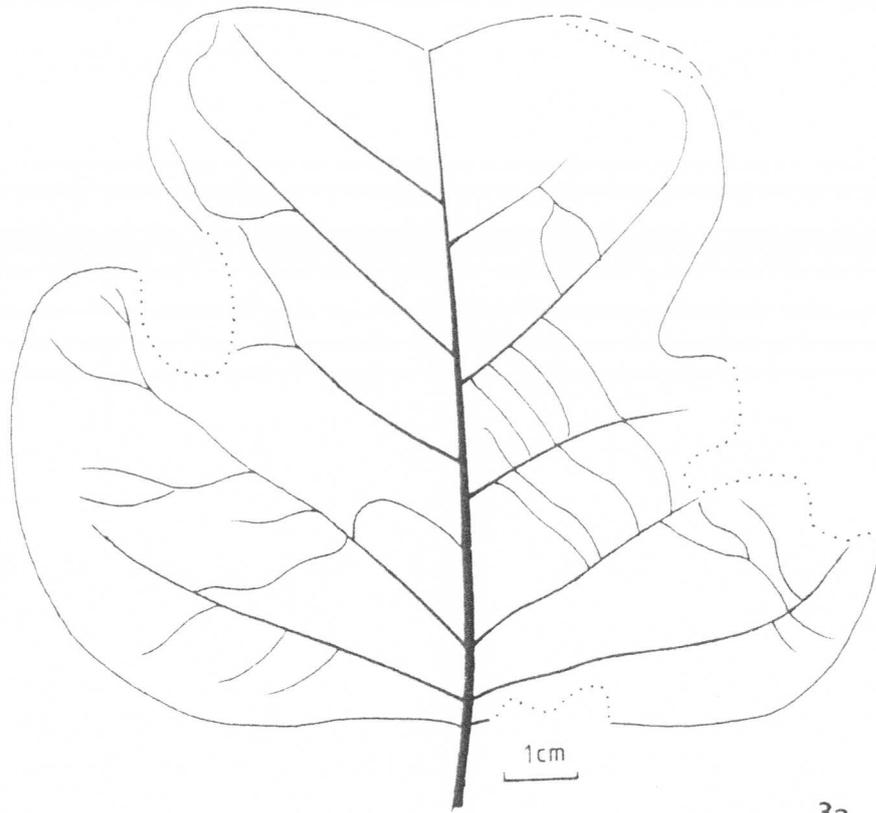
IMGP, 52-31200 (9421), vgl. Taf. 1, Fig. 7.

4. aff. "*Magnolia*" sp. 1 ST, P 1432, vgl. Taf. 4, Fig. 3.

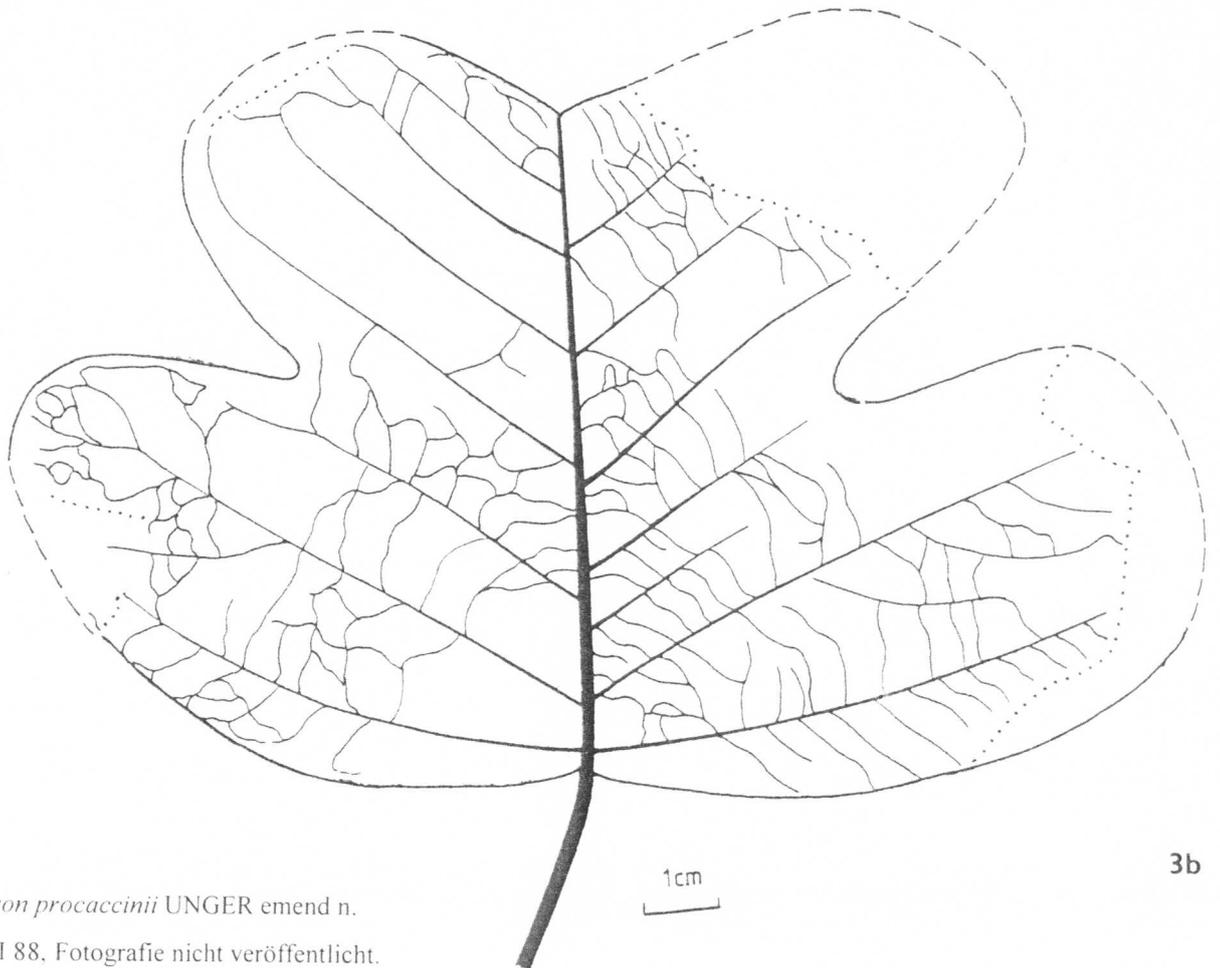
5. aff. "*Magnolia*" sp. 2, IMGP, 52-31529, vgl. Taf. 3, Fig. 4.

6. *Sassafras ferretianum* MASSALONGO, IMGP, 52-31229 (8833a), vgl. Taf. 6, Fig. 1.

7. *Celtis trachytica* ETTINGSHAUSEN, IMGP, 52-31226 (17924), vgl. Taf. 5, Fig. 7.

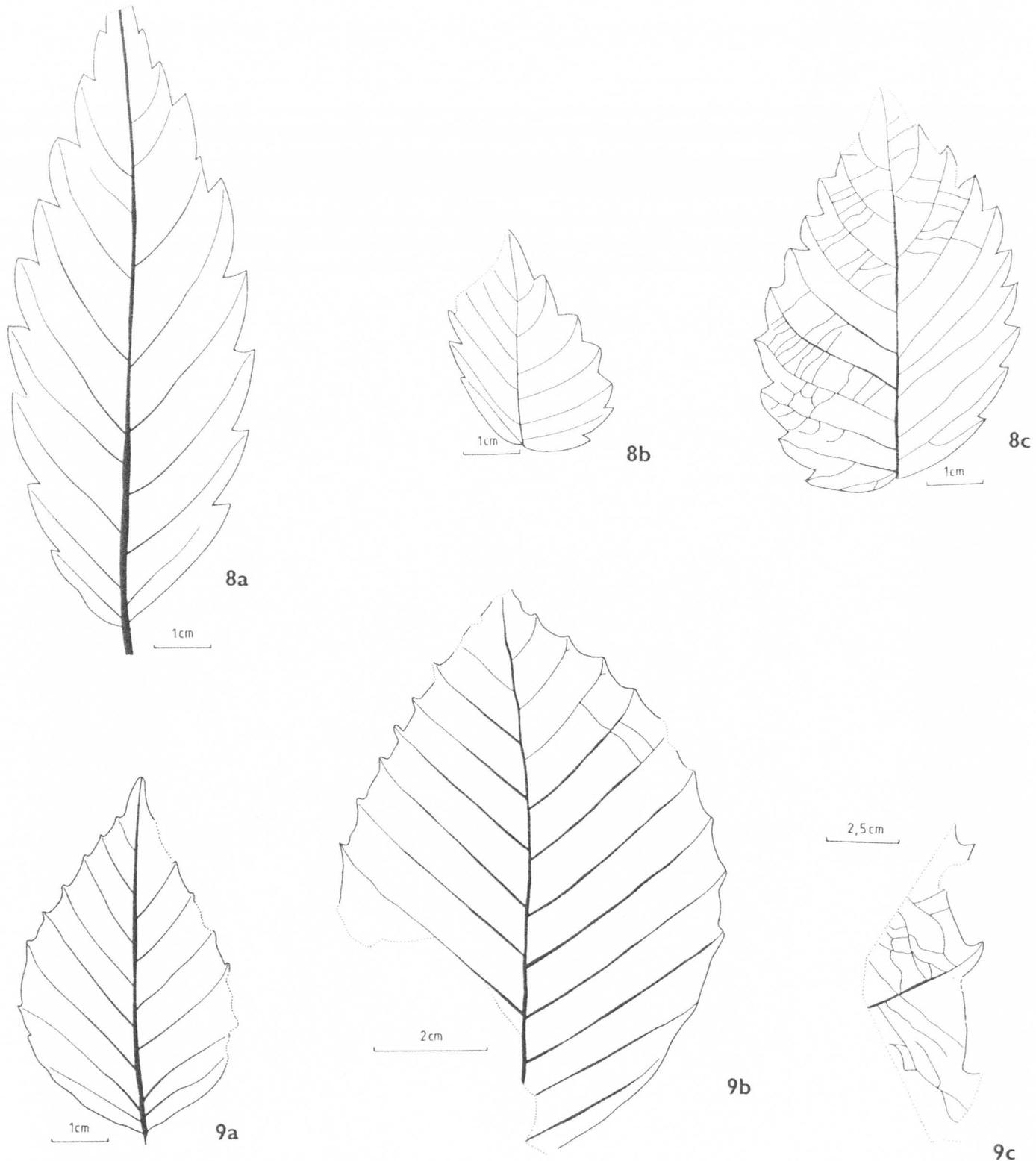


3a



3b

3a,b. *Liriodendron procaccinii* UNGER emend n.  
 a - Mü., 1986 1 88, Fotografie nicht veröffentlicht.  
 b - IMGP, 52-31210 (21925), vgl. Taf. 2, Fig. 8.



8a-c. *Zelkova zelkovifolia* (UNGER) BUZEK et KOTLABA,

a - IMGP, 52-31541 (20022), vgl. Taf. 8, Fig. 5;

b - IMGP, 52-31238 (2291), vgl. Taf. 7, Fig. 3;

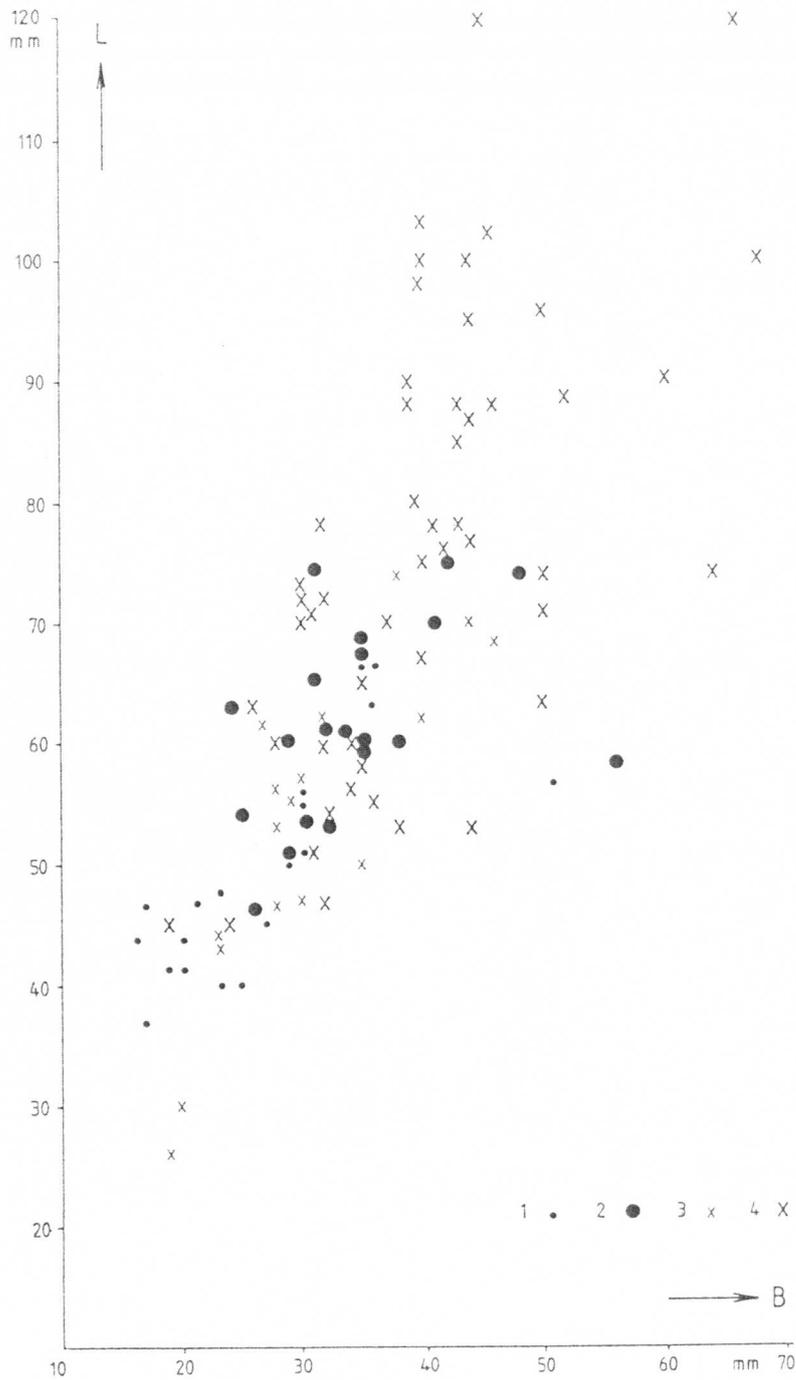
c - IMGP, 52-31240 (30600), vgl. Taf. 7, Fig. 6.

9a-c. *Fagus pliocenica* SAPORTA subsp. *willershausensis* subsp. n.

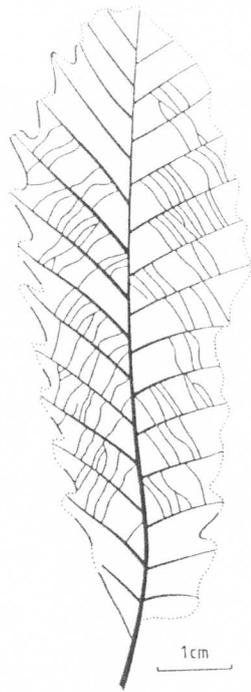
a - durchschnittliches Blatt ("Normalform");

b - besonders breites Blatt;

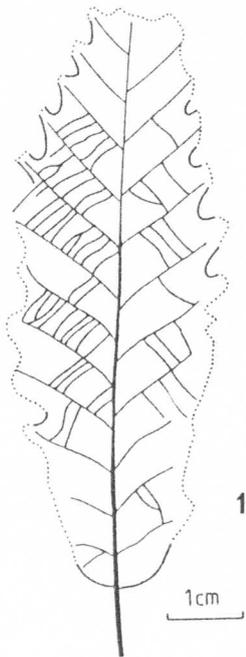
c - Detail des Blattrandes von Abb. 9b; a - IMGP, 52-31559 (16564), vgl. Taf. 9, Fig. 6; b - IMGP, 52-31245 (13487), vgl. Taf. 9, Fig. 1; c - Vergrößerung der Zähne von Fig. 9b, vgl. Taf. 9, Fig. 1b.



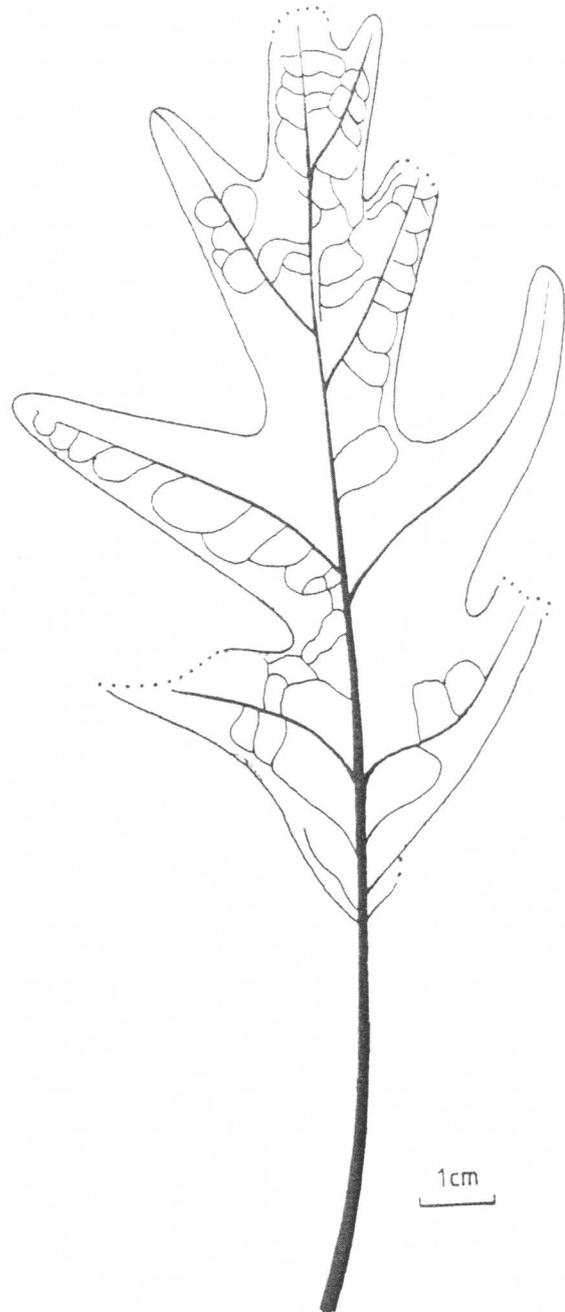
10. Die Variabilität der Buchenblätter aus dem Klärbecken von Frankfurt - Niederrad (*Fagus krauselii* KVACEK et WALTHER) und aus Willershausen *Fagus pliocenica* SAPORTA subsp. *willershausensis* subsp. n. et subsp. *multinervis* subsp. n. erläutert anhand eines Blattproportions-Diagramm. L = Länge, B = Breite der Blätter. Symbol 1,2 - Frankfurt, Symbol 3,4 - Willershausen, Symbol 1,3 - Blätter mit 6-8 Sekundärnerven, Symbol 2 - Blätter mit 9-11 Sekundärnerven aus Frankfurt, 4 - Blätter mit 9-12 (13, 14) Sekundärnerven aus Willershausen.



11a



11b



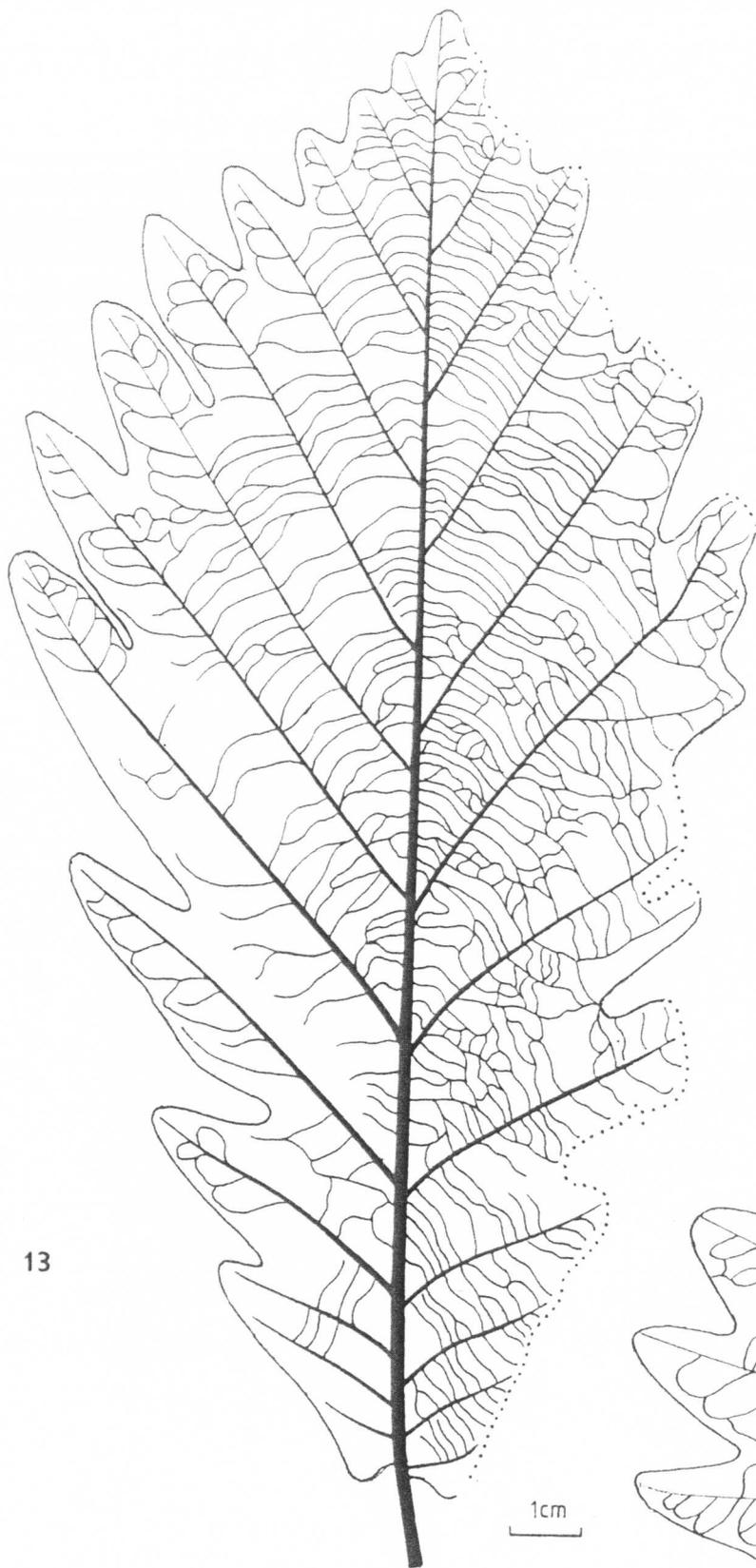
12

11a-b. *Quercus praecastaneifolia* sp. n.

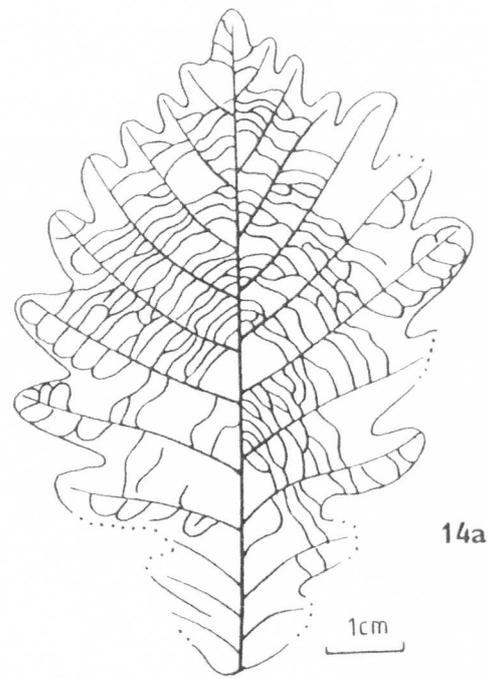
a - IMGP, 52-31276 (19155), vgl. Taf. 15, Fig. 5;

b - IMGP, 52-31286 (18060), vgl. Taf. 17, Fig. 6.

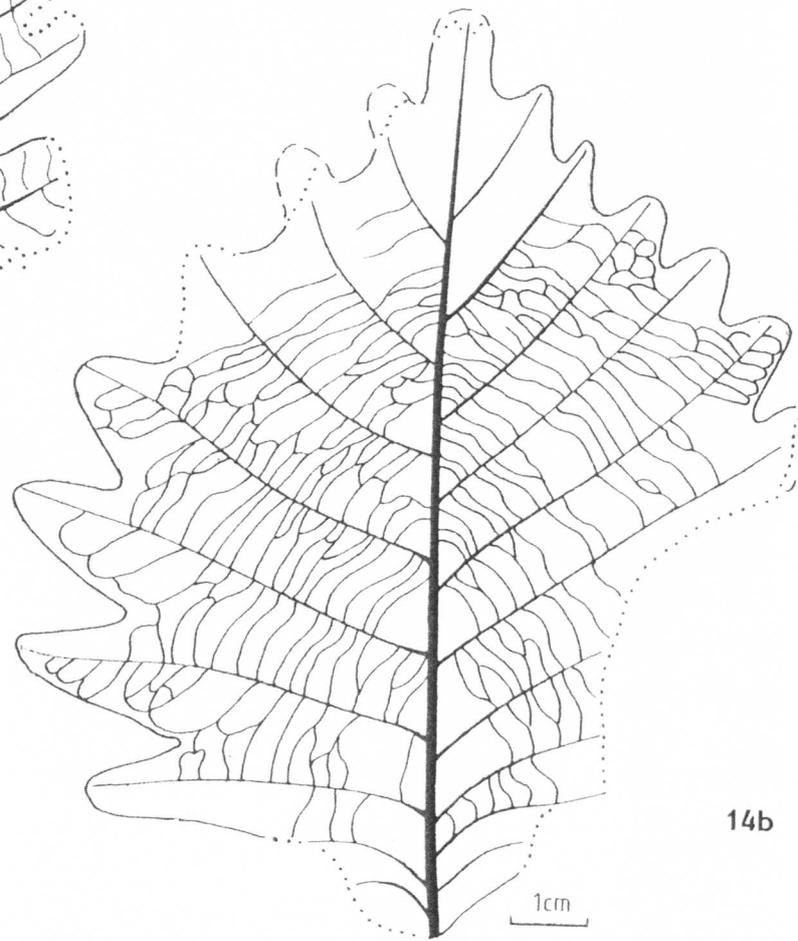
12 *Quercus praeerucifolia* STRAUS, IMGP, 52-31252 (13029), vgl. Taf. 11, Fig. 3.



13



14a

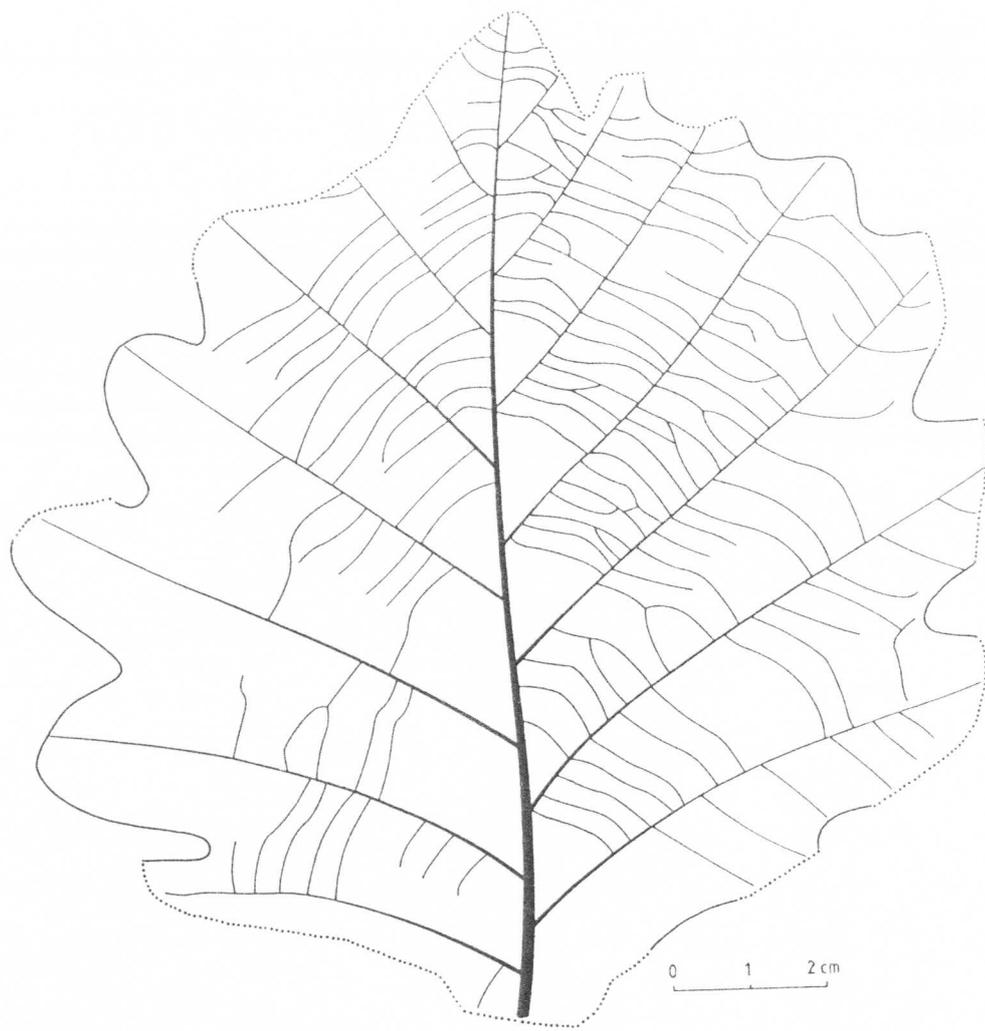


14b

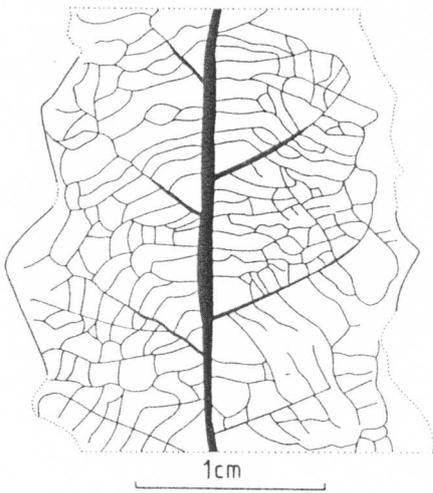
13. *Quercus* cf. *roburoides* GAUDIN, St, P 1356, vgl. Taf. 14, Fig. 1.

14. *Quercus roburoides* GAUDIN subsp. *latifolia* subsp. n.

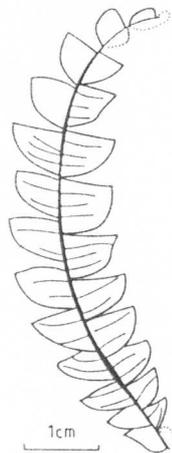
a - IMGP, 52-31263 (47/18b), vgl. Taf. 13, Fig. 2; b - IMGP, 52-31262 (8738), vgl. Taf. 13, Fig. 1.



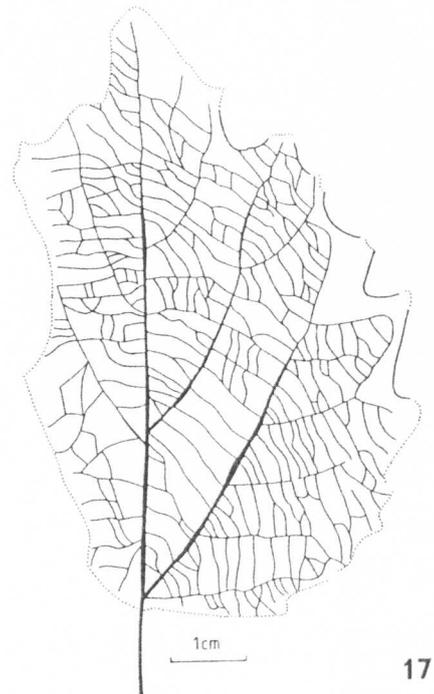
14c



15



16



17

14. *Quercus roburoides* GAUDIN subsp. *latifolia* subsp. n.  
c - IMGP, 52-31600 (13001), fotografisch nicht abgebildet.

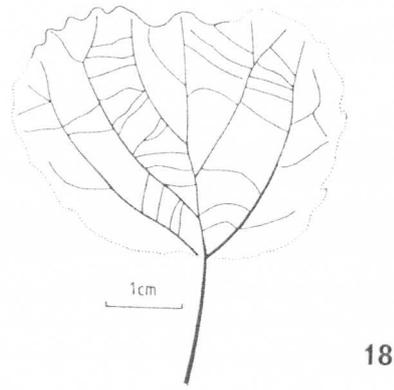
15. *Quercus schweitzeri* sp. n.

Holotypus, IMGP, 52-31273 (38/159a), vgl. Taf. 16, Fig. 1.

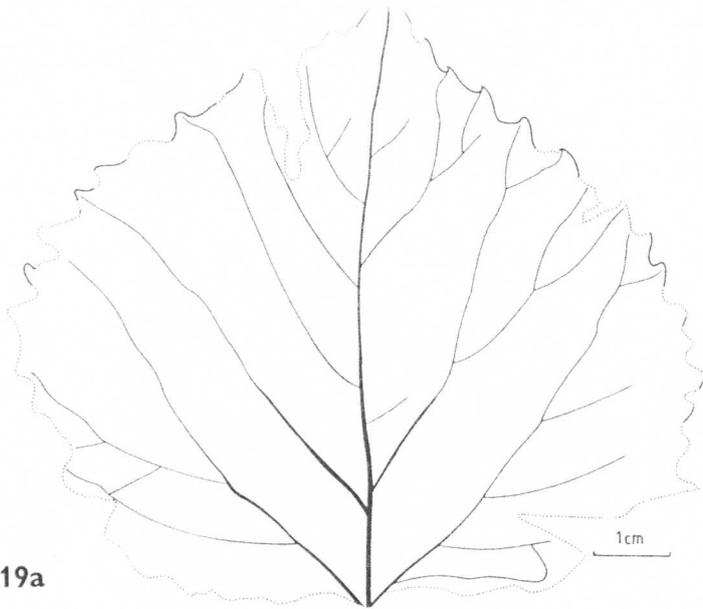
16. *Comptonia difformis* (STERNBERG) BERRY, St. P 1219, vgl. Taf. 15, Fig. 8.

17. *Populus albiformis* sp. n.

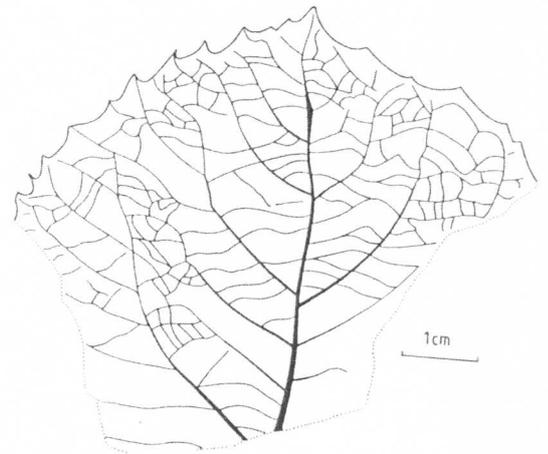
Holotypus, IMGP, 52-31341 (31200), vgl. Taf. 27, Fig. 11.



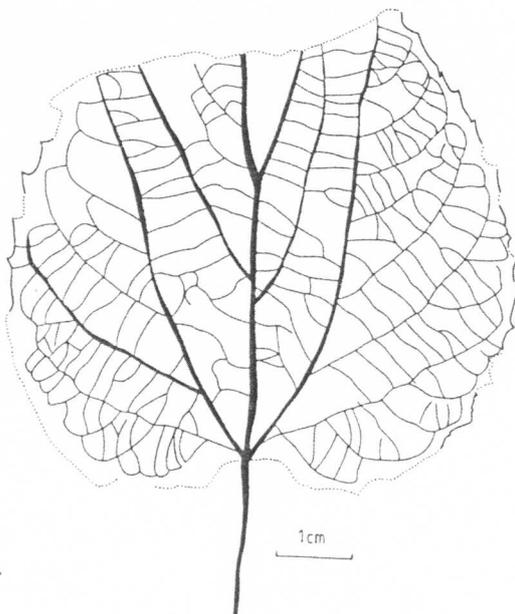
18



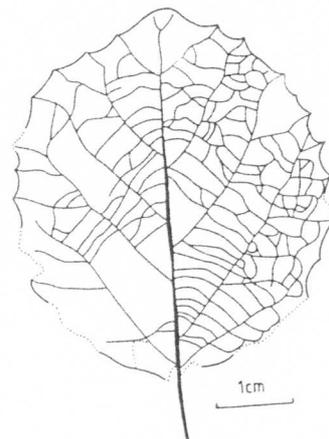
19a



19b



20a



20b

18. *Populus gregorii* sp. n.

IMGP, 52-31334 (11487), vgl. Taf. 27, Fig. 4.

19a-b. *Populus* aff. *populina* (BRONGNIART) KNOBLOCH

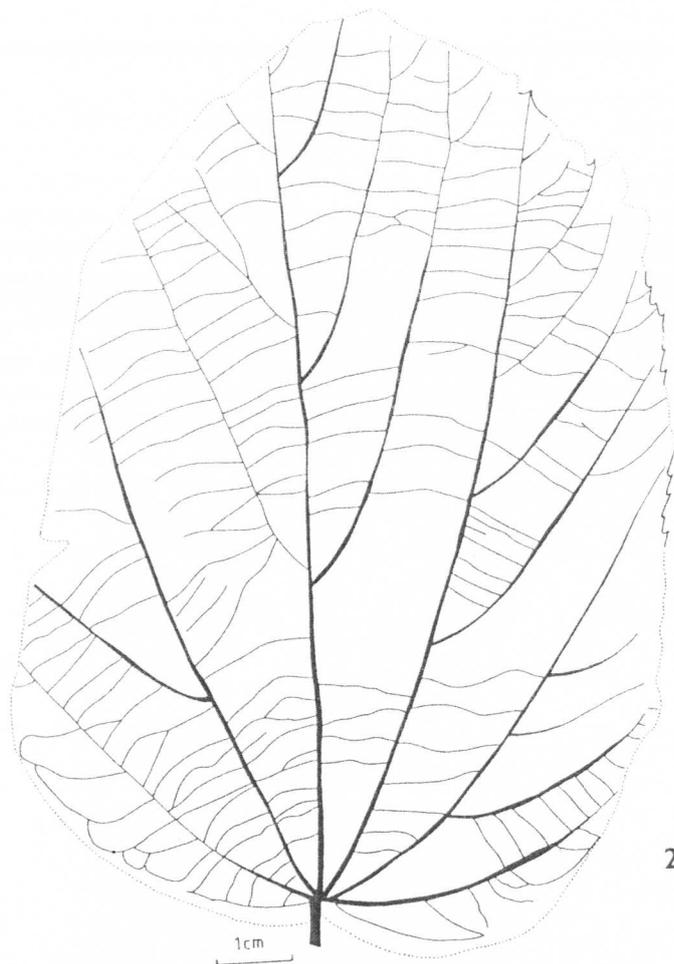
a - G, Wil - 21, vgl. Taf. 40, Fig. 6;

b - F, vgl. Taf. 37, Fig. 8.

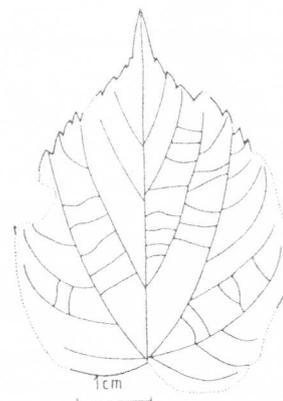
20a-b. *Populus willershausensis* sp. n.

a - IMGP, 52-31344 (7328), vgl. Taf. 28, Fig. 1;

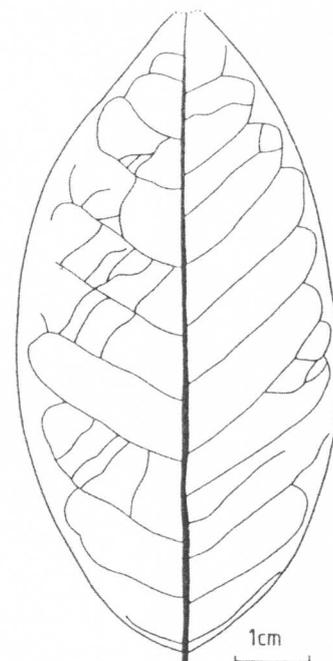
b - IMGP, 52-31346 (6867a), vgl. Taf. 28, Fig. 7.



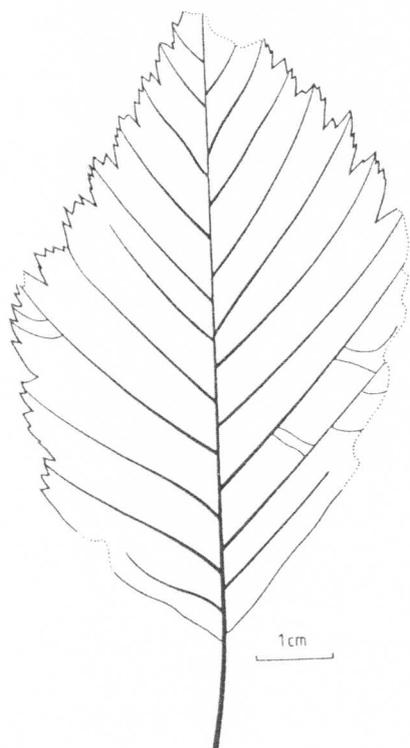
21



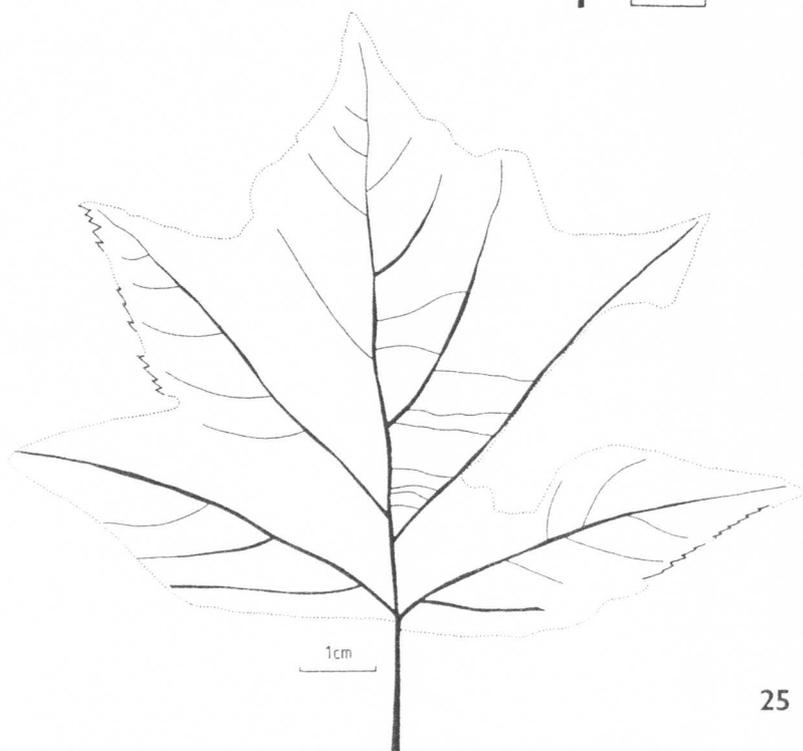
22



23



24



25

21. *Tilia saportae* sp. n.

IMGP, 52-31356 (32/40), vgl. Taf. 30, Fig. 2.

22. *Tilia* cf. *saviana* MASSALONGO

IMGP, 52-31366 (13826), vgl. Taf. 31, Fig. 3.

23. *Leguminosites strausii* sp. n.

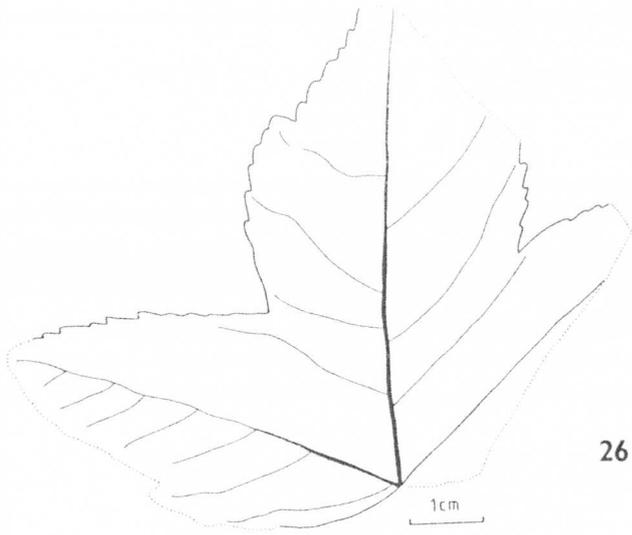
ST, P 1425, vgl. Taf. 34, Fig. 4.

24. *Sorbus* (?) *gabbrensis* (BERGER) comb. n.

IMGP, 52-31407 (13020), vgl. Taf. 38, Fig. 3.

25. *Sorbus praetorminalis* KRYSHTOFOVICH et BAIKOVSKAJA

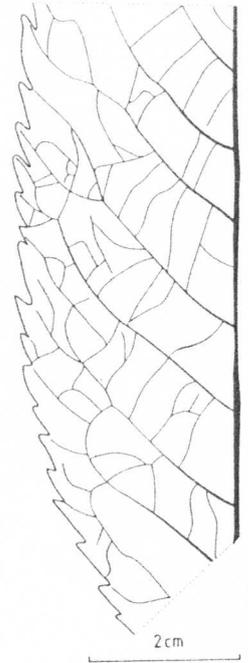
IMGP, 52-31400 (2057a), vgl. Taf. 36, Fig. 7.



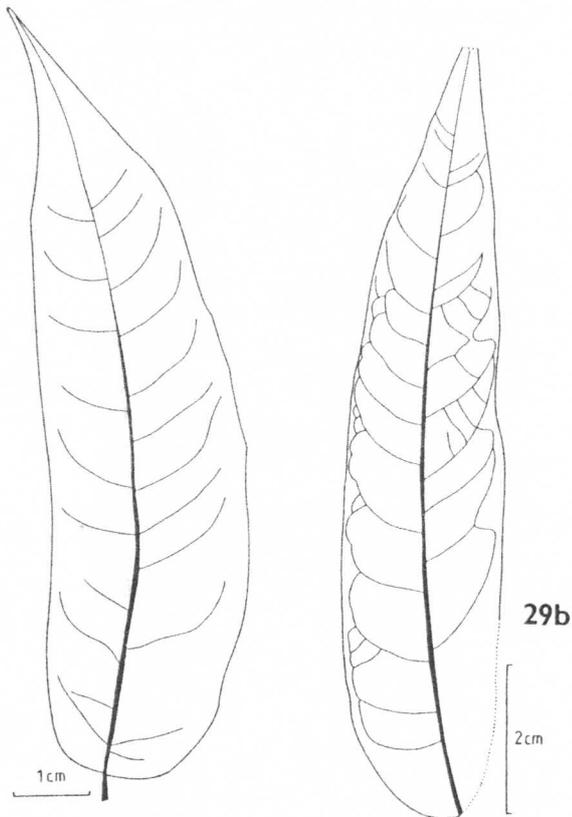
26



27

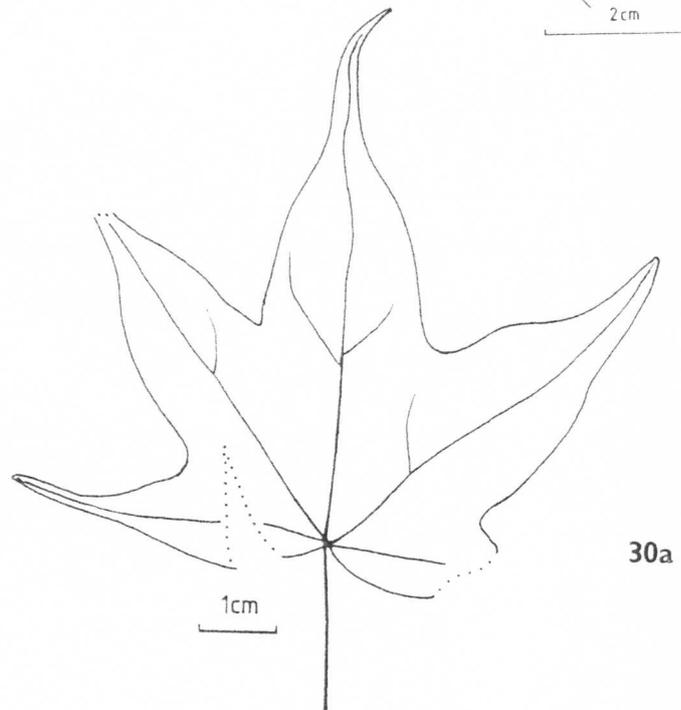


28



29a

29b



30a

26. *Malus pulcherrima* GIVULESCU

IMGP, 52-31404 (16117), vgl. Taf. 36, Fig. 6.

27. *Crataegus* sp. 1

IMGP, 52-31439 (14426a), vgl. Taf. 44, Fig. 8.

28. *Cerasus avium* (L.) MOENCH *fossilis*

IMGP, 52-31436 (30869), Detail der Zähnung und der Tertiärnervatur, vgl. Taf. 44, Fig. 2a.

29a-b. *Cedrela heliconia* (UNGER) comb. n.

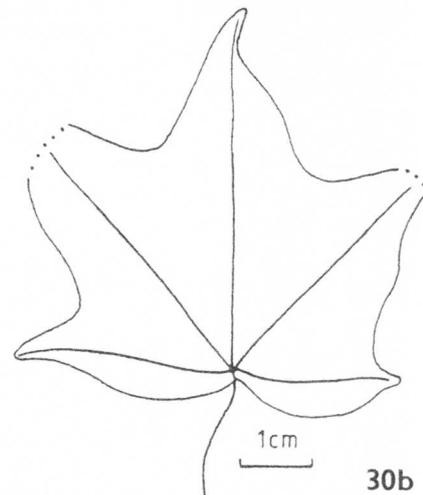
a - IMGP, 52-31446 (8903), vgl. Taf. 47, Fig. 3;

b - IMGP, 52-31455 (23372a), vgl. Taf. 47, Fig. 1.

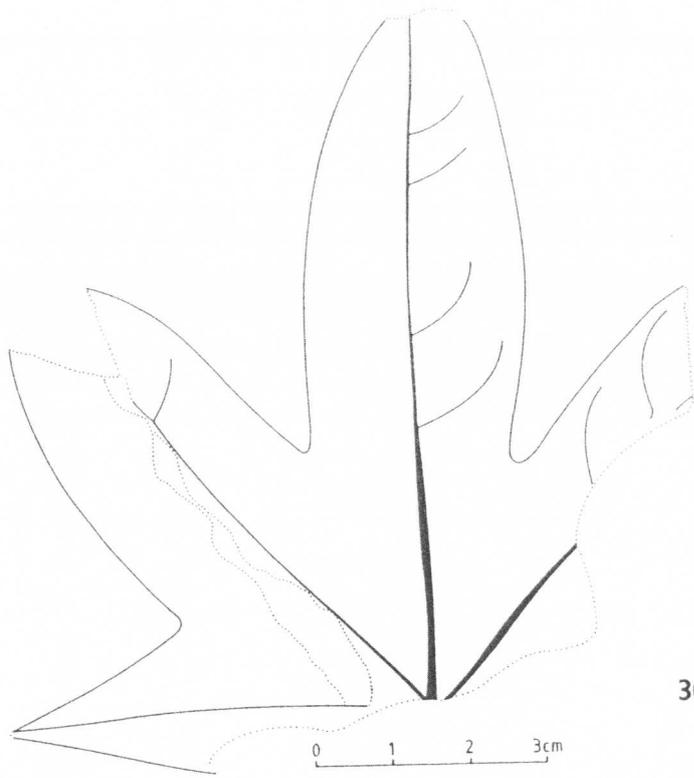
30a-b,d. *Acer integerrimum* (VIVIANI) MASSALONGO

a - IMGP, 52-31461 (8500), vgl. Taf. 48, Fig. 4;

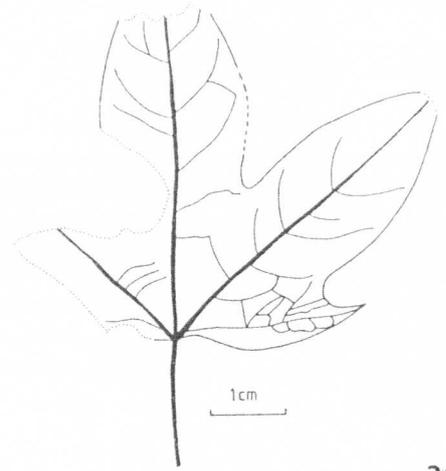
b - IMGP, 52-31949 (19298), vgl. Taf. 54, Fig. 2;



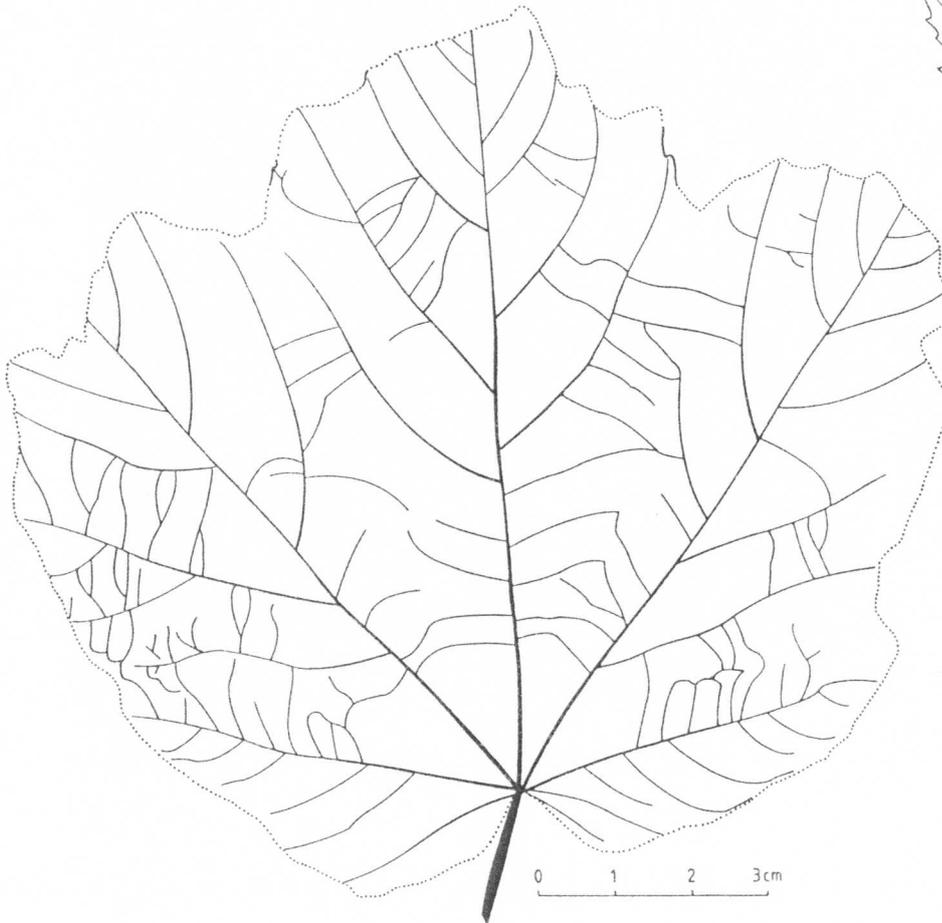
30b



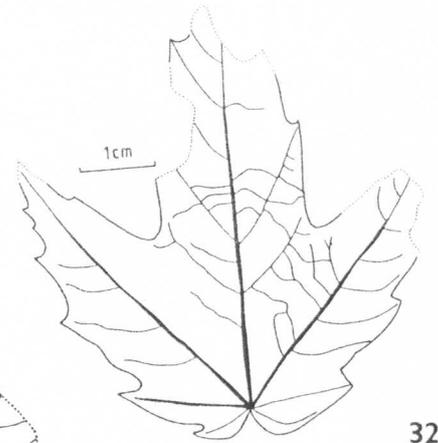
30c



30d



31



32

30c. ? *Acer* sp. 5 vel ? *Sterculia* sp.

IMGP, 52-31493 (13028), vgl. 53, Fig. 5.

30d. *Acer integerrimum* (VIVIANI) MASSALONGO

CZ, B 12, vgl. Taf. 45, Fig. 5.

31. *Acer* aff. *opalus* MILLER *fossilis*

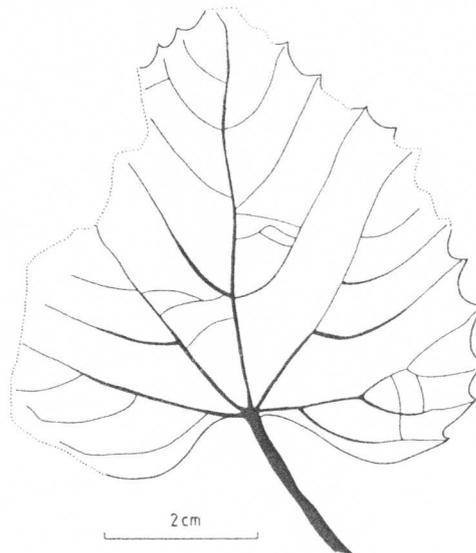
IMGP, 52-31486 (24111), vgl. Taf. 52, Fig. 5.

32. *Acer* cf. *palaeosaccharinum* STUR

IMGP, 52-31485 (4293a), vgl. Taf. 52, Fig. 4.



33



34

33. *Acer cf. platanoides* LINNÉ *fossilis*

IMGP, 52-31488 (38/527), vgl. Taf. 53, Fig. 1.

34. *Ampelopsis cordataeformis* sp. n.

IMGP, 52-31510 (14201a), vgl. Taf. 57, Fig. 2.