



FIG. 1. Hydraulicking at the Malakoff Mine, Nevada County, California. (Photograph from the College of Mining, University of California.)

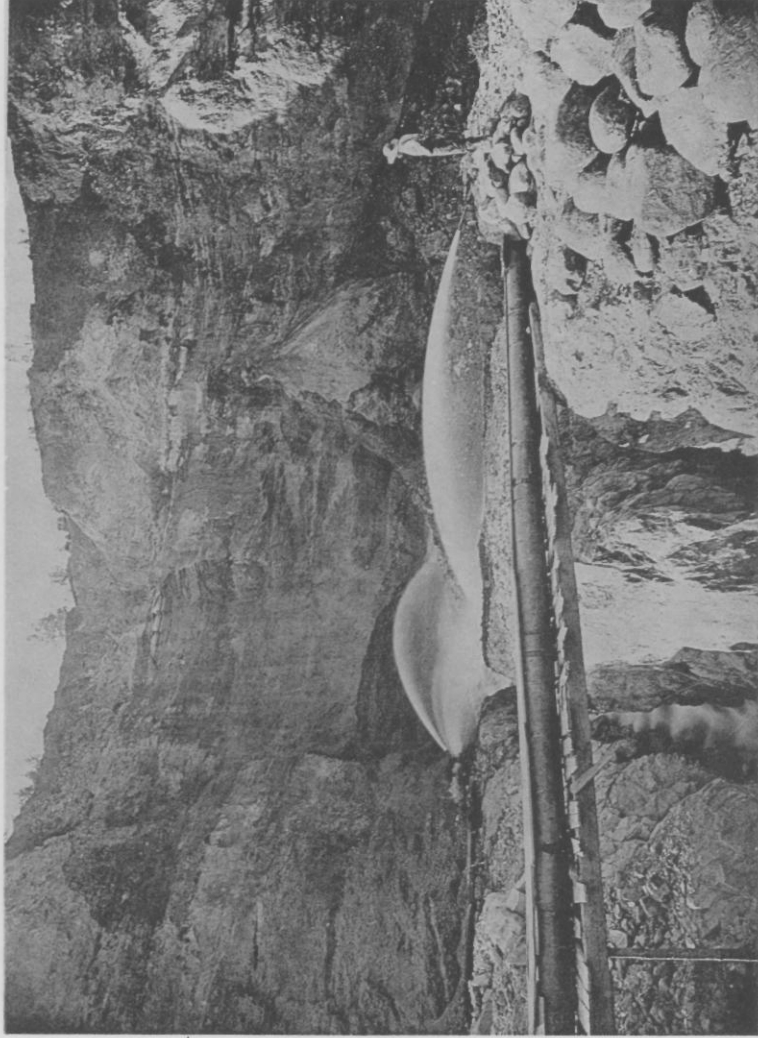


FIG. 2. The Blue Tent Hydraulic Mine, Nevada County, California. (Photograph from the College of Mining, University of California.)

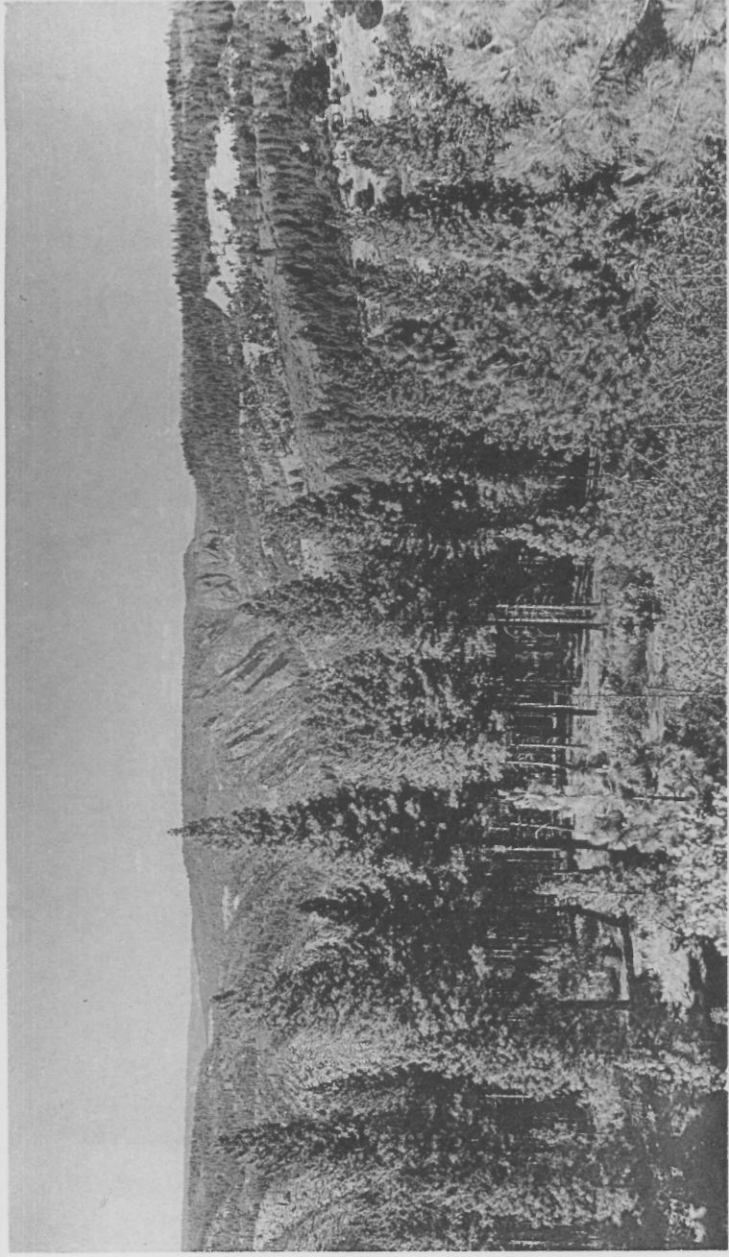


FIG. 1. View of the American River Canyon at Iowa Hill, California, showing the Eocene channel deposits transected by the modern canyon.



FIG. 2. Chalk Bluffs, California, with the light-colored rhyolite cliffs and remnants of fossiliferous clay lenses in right middle distance.

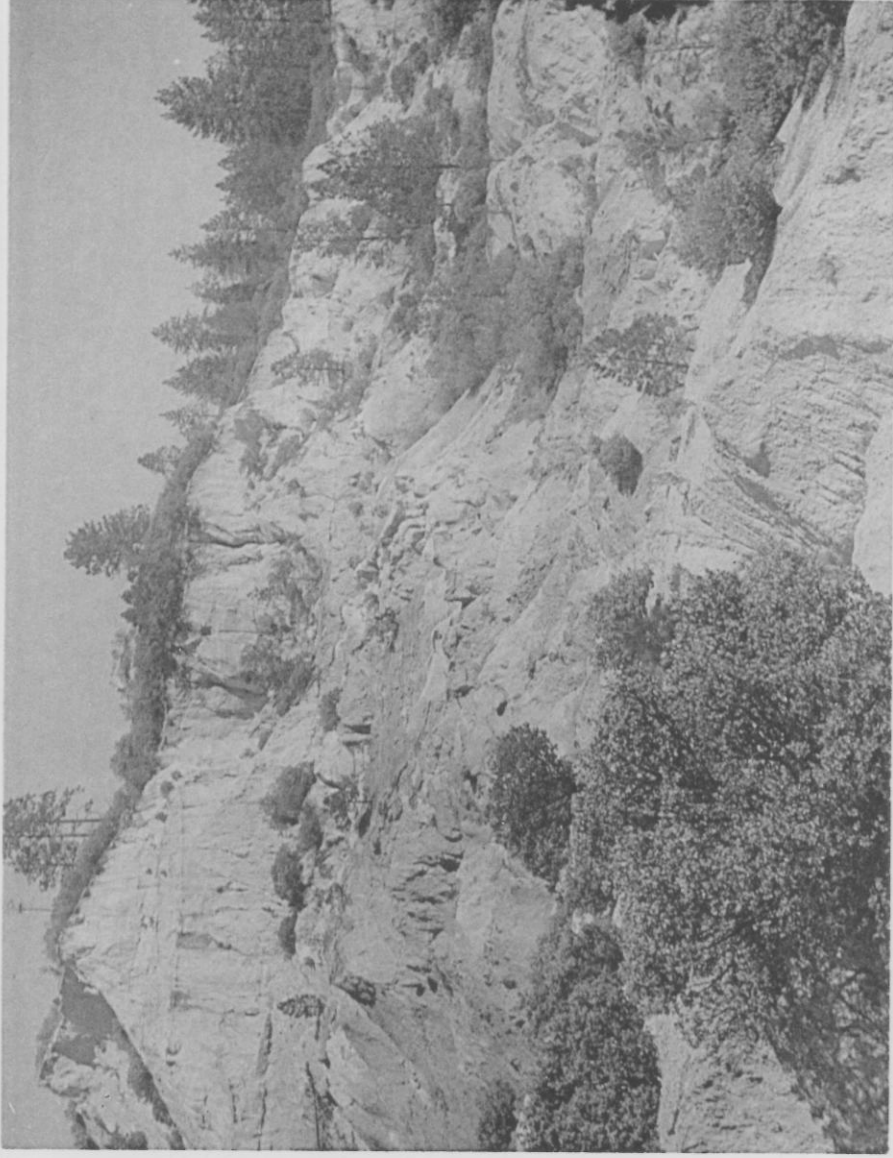


FIG. 1. Cherokee Hydraulic Mine, near Oroville, California

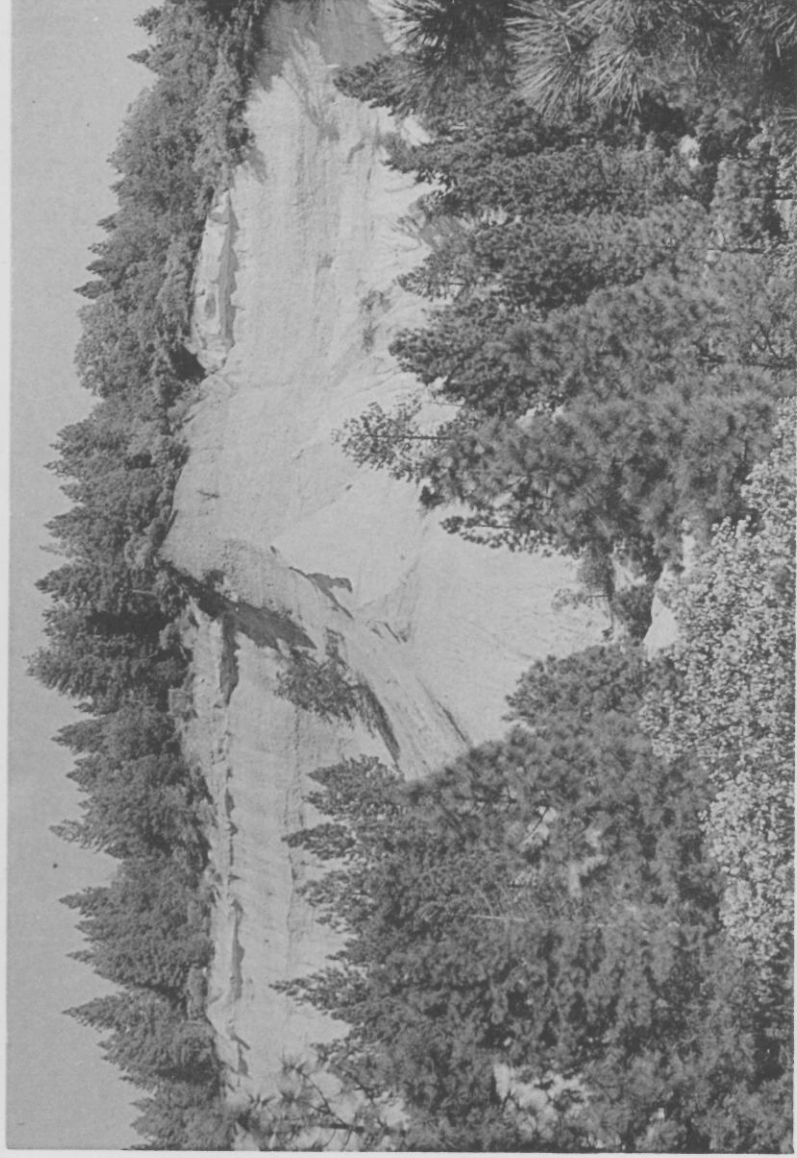


FIG. 2. The massive gravel layer at Chalk Bluffs

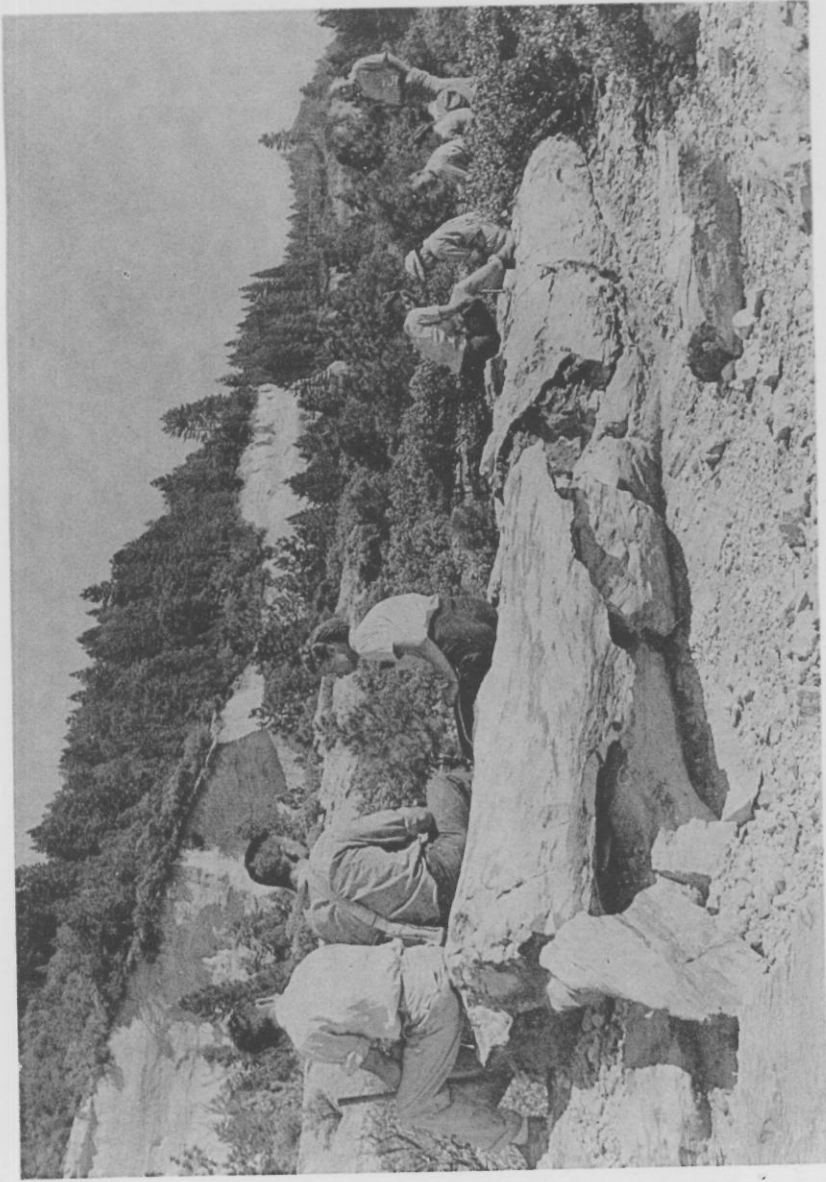


FIG. 1. Silicified log at Chalk Bluffs

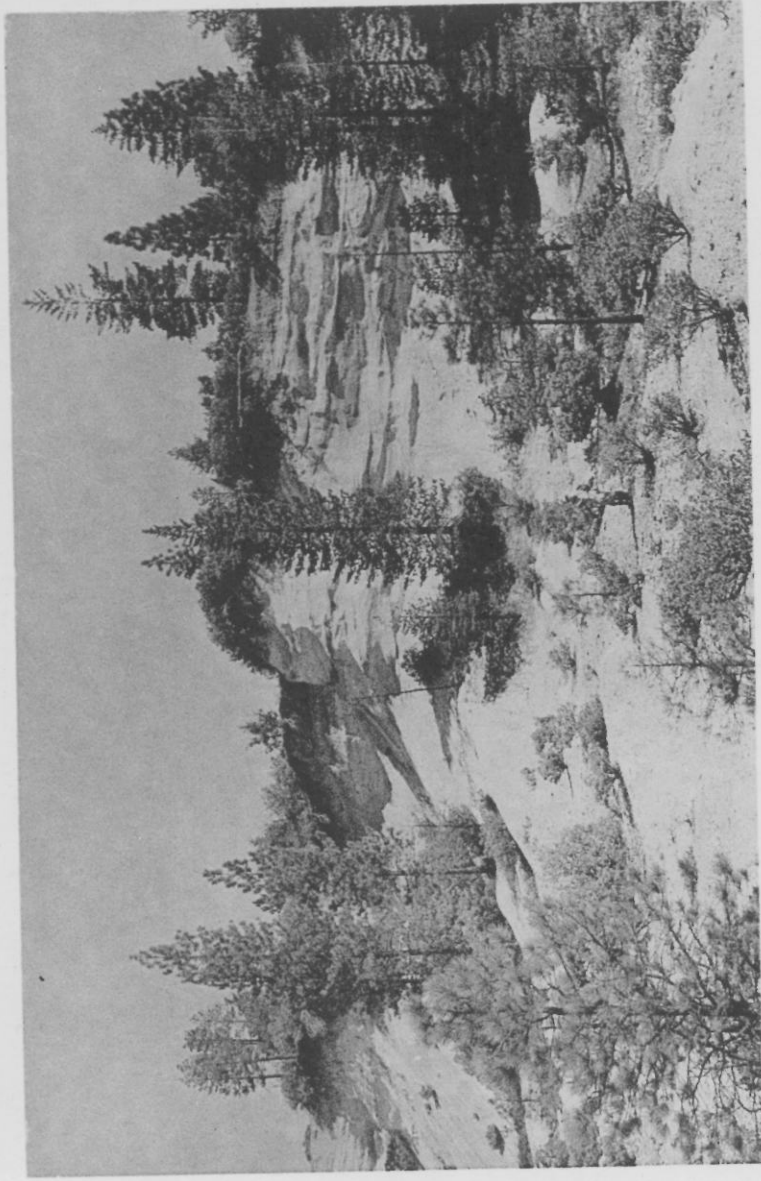


FIG. 2. Cross-bedded biotite sands at Chalk Bluffs



FIG. 2. Silicified *Platannus* stump at Buckeye Flat

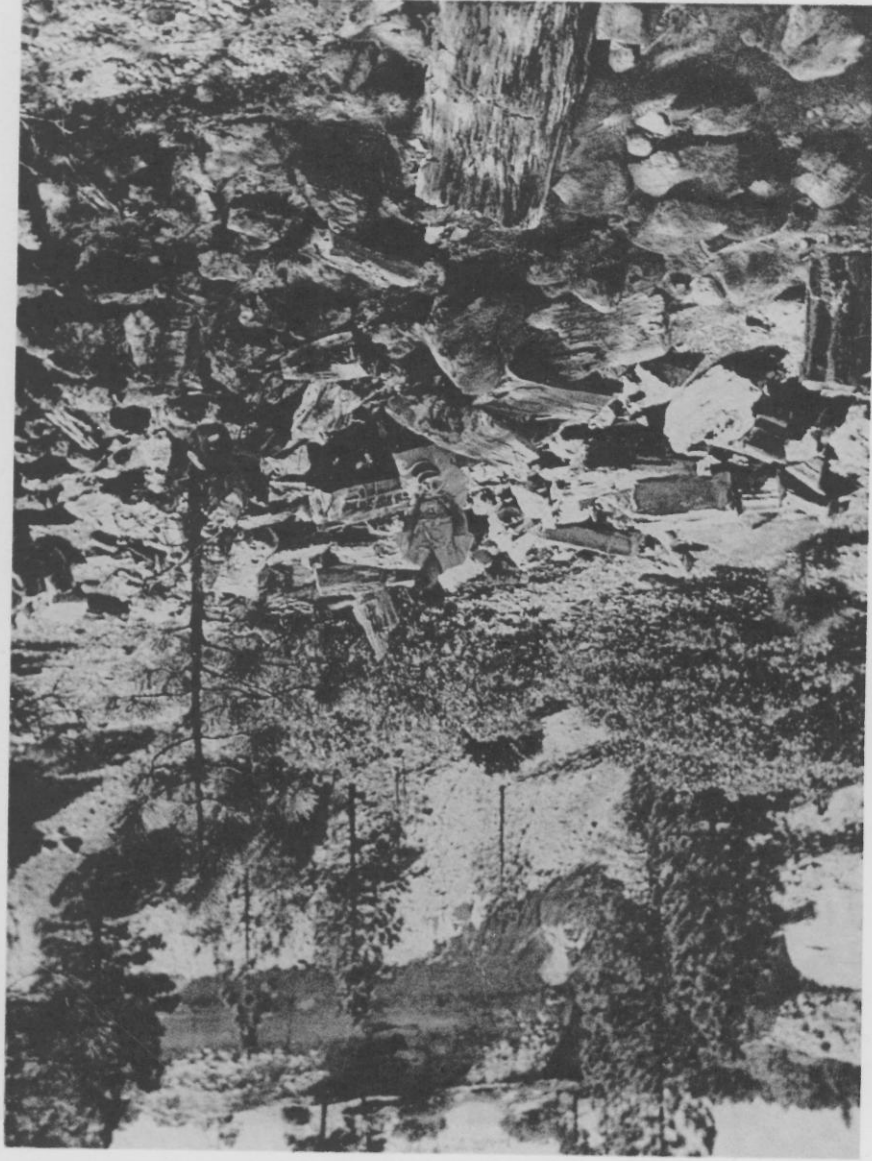


FIG. 1. Fossil wood at Chalk Bluffs, taken from the gravels during hydraulic mining



FIG. 1. *Chaetoptelea-Liquidambar* forest at the foot of Mount Orizaba, Vera Cruz, Mexico



FIG. 2. Chalk Bluffs, seen from Banner Hill



FIG. 1. The modern coniferous vegetation in the canyon of the American River east of Colfax, California.



FIG. 2. Along the Rio Moctezuma, at Tomazunchale, Mexico. The subtropical forest is similar in composition to the Eocene forest.

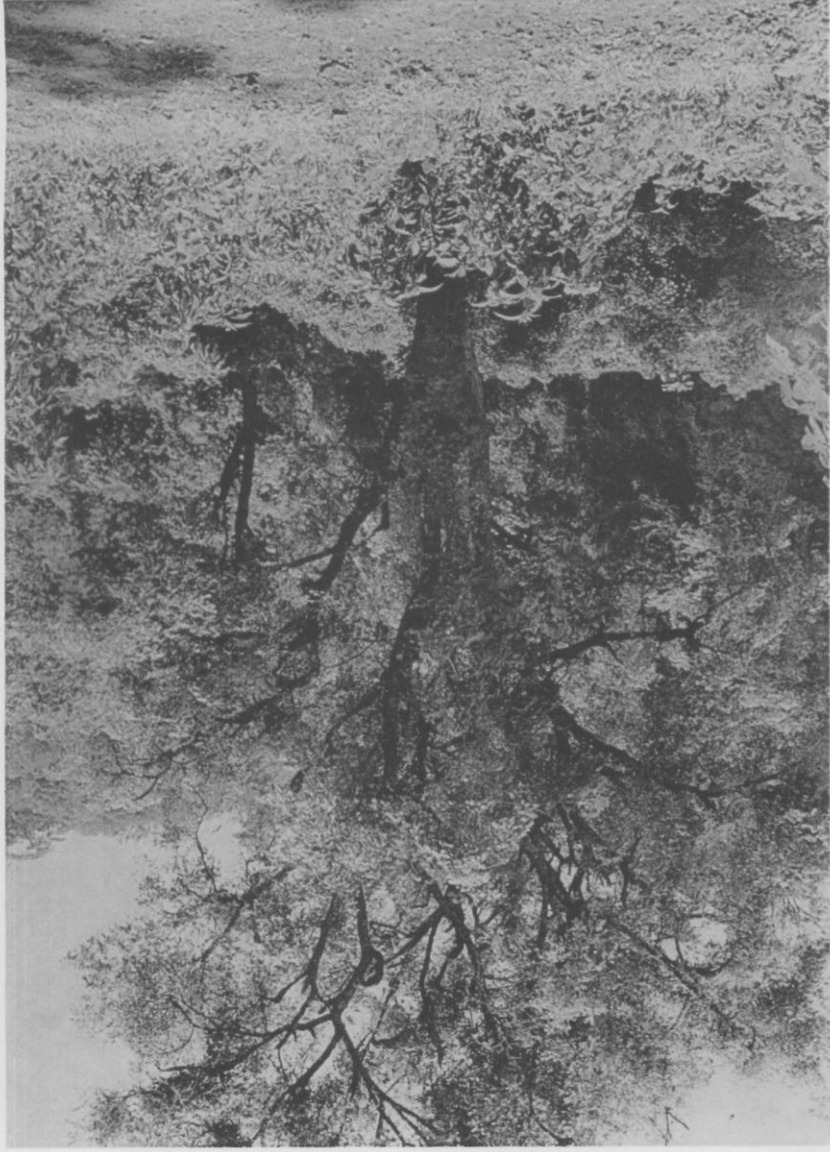


FIG. 2. *Chaetoptelea mexicana*, near Coban

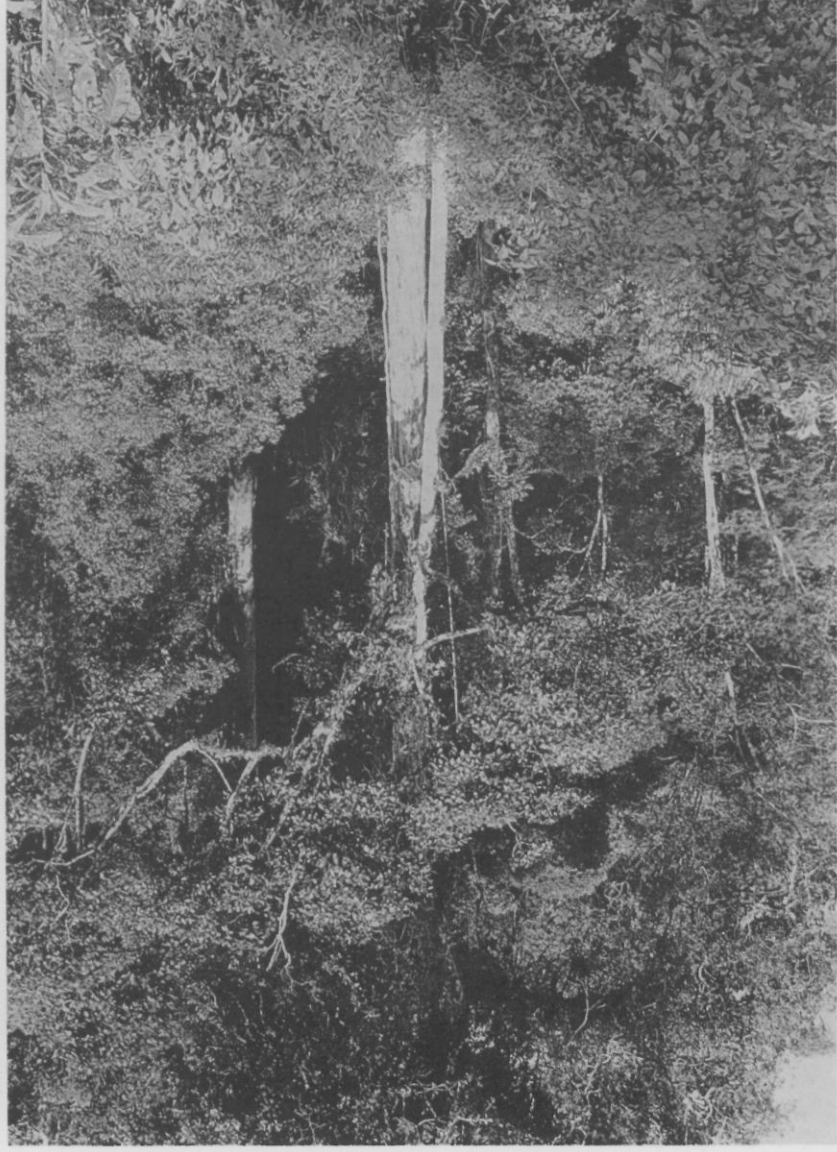


FIG. 1. *Liquidambar-Quercus* forest near Coban, Guatemala

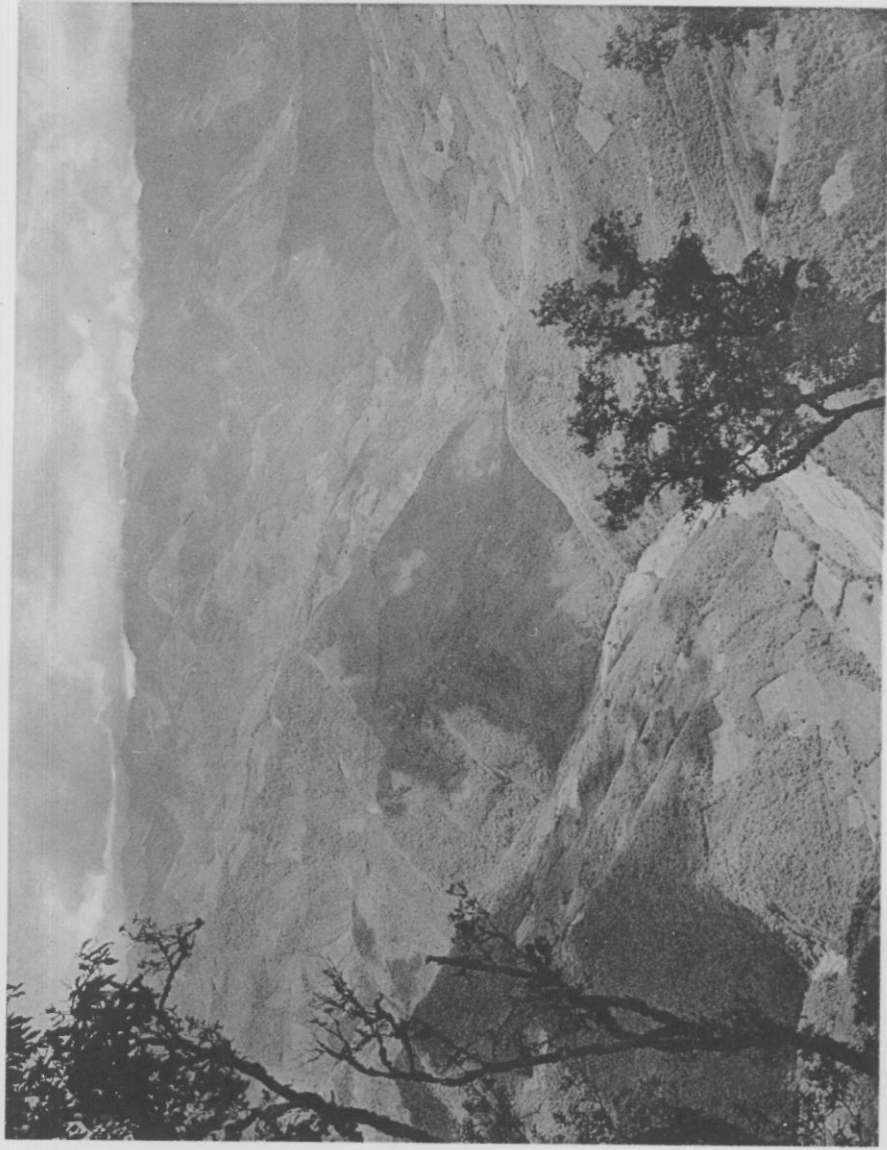
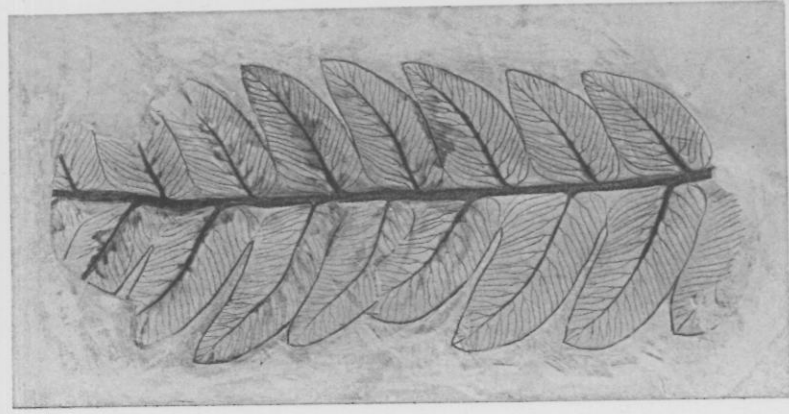


FIG. 1. *Liquidambar* forest in the eastern Sierra Madre, west of Tomazunchale, Mexico



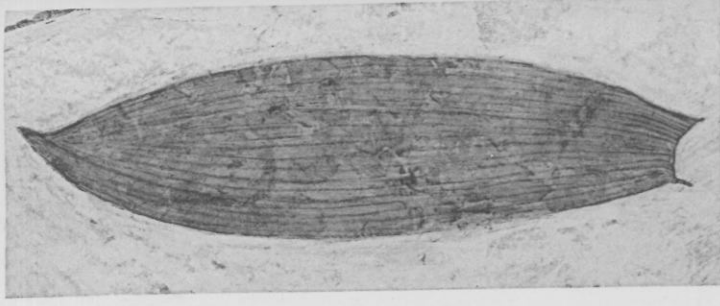
FIG. 2. *Liquidambar* forest in the state of Morelos, Mexico



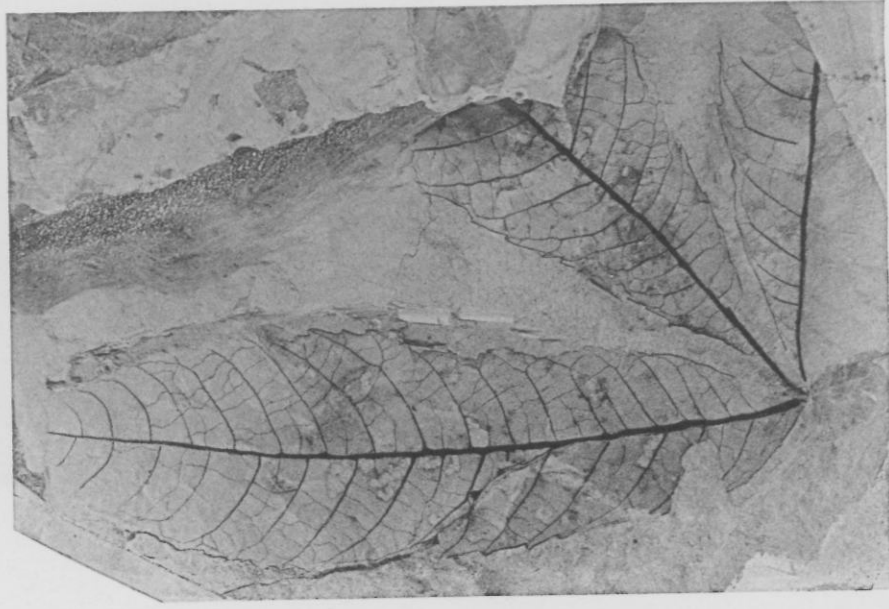
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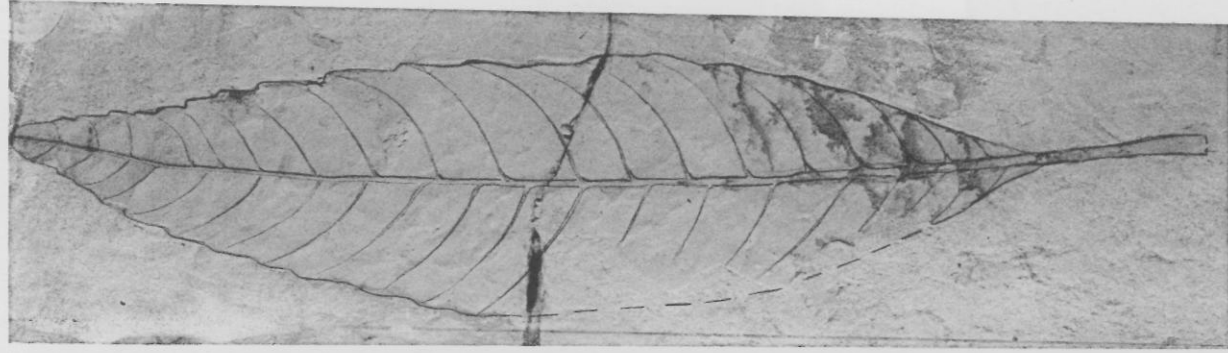
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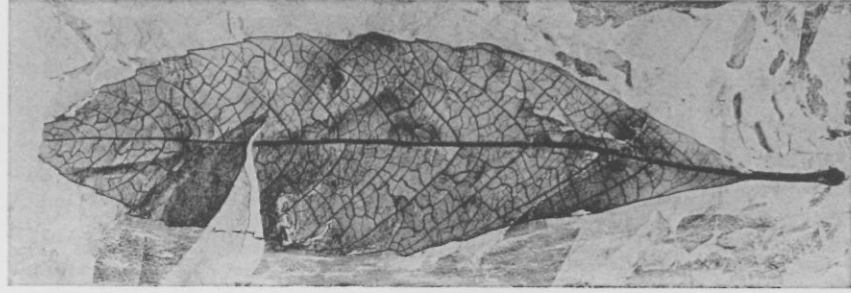
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FIG. 1. *Hemitelia pinnata* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2143.

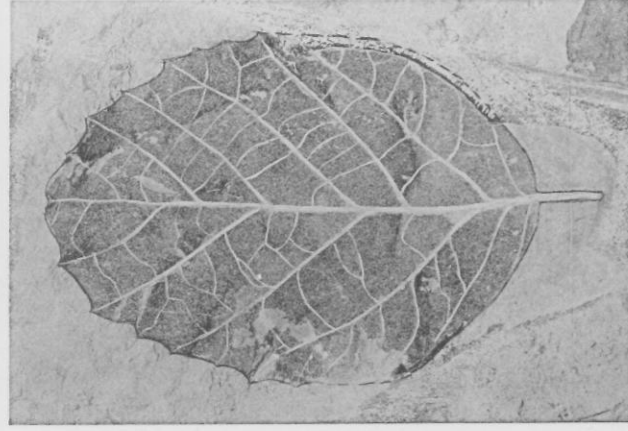
Mus. Pal., Paleobot. Ser., nos. 2144, 2145, 2146.
 FIGS. 4, 6. *Carya sessilis* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2150, 2151.



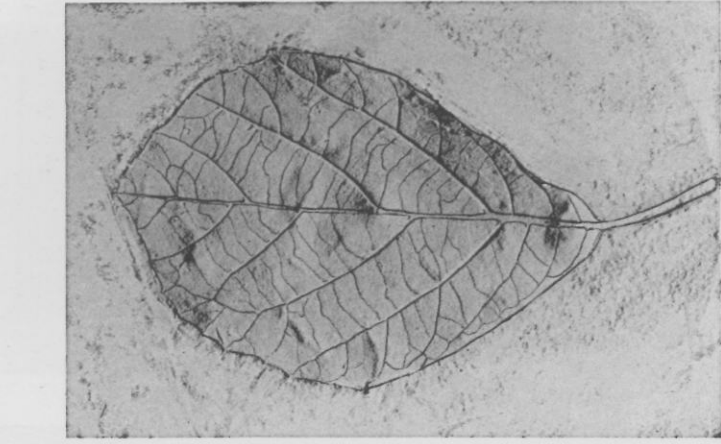
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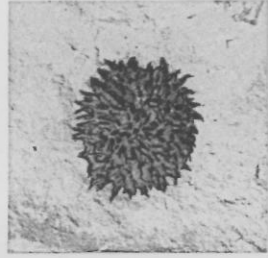
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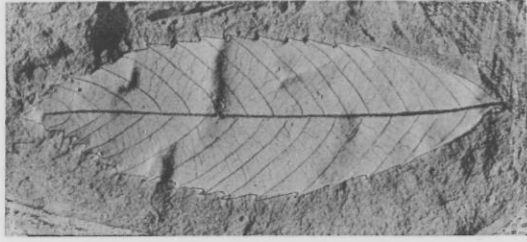
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FIGS. 1, 2. *Castanopsis longipetiolatum* (Knowlton) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2152, 2153.

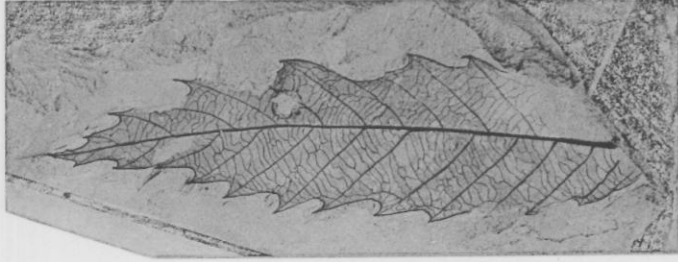
FIGS. 3, 5. *Quercus distincta* Lesquereux. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2160, 2161.

FIG. 4. Acorn cup. U. C. Mus. Pal., Paleobot. Ser., no. 2206.

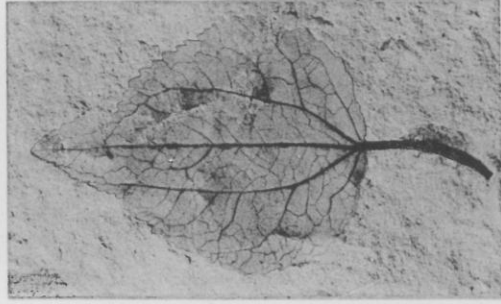
FIG. 6. *Hamamelites voyana* (Lesquereux) MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2219.



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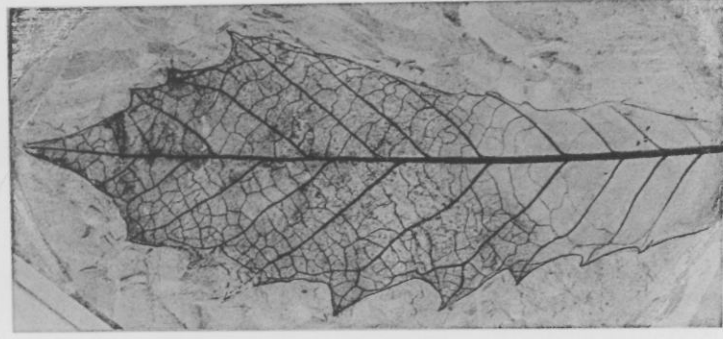
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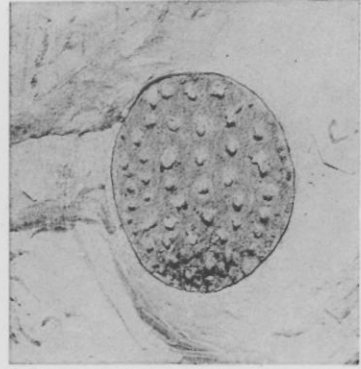
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FIG. 1. *Quercus nevadensis* Lesquereux. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2162.

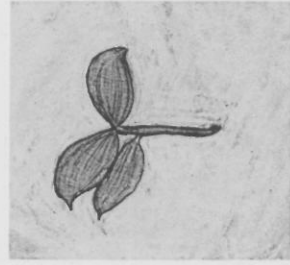
FIGS. 2, 6. *Quercus exalapsis* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2165, 2166.

FIG. 3. *Salix ionensis* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2149.

FIG. 4. *Cercidiphyllum elongatum* Brown. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2183.

FIG. 5. *Nelumbium lacunosum* MacGinitie. Holotype. U. S. Nat. Mus., no. 40237.

FIG. 7. *Alnus operia* MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2167.



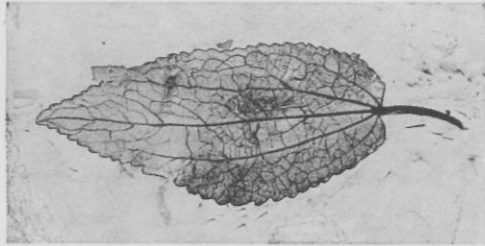
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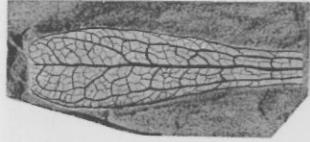
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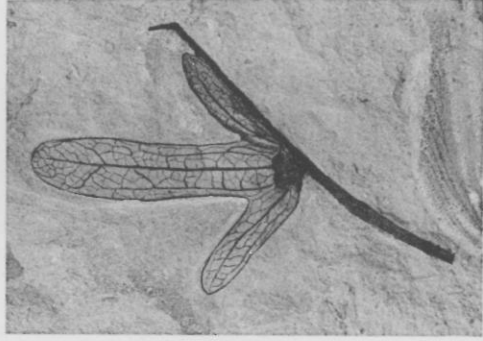
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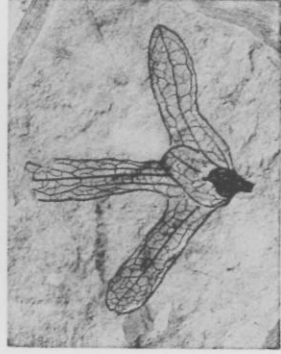
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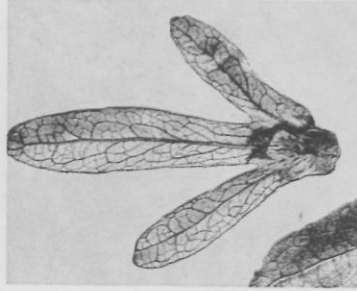
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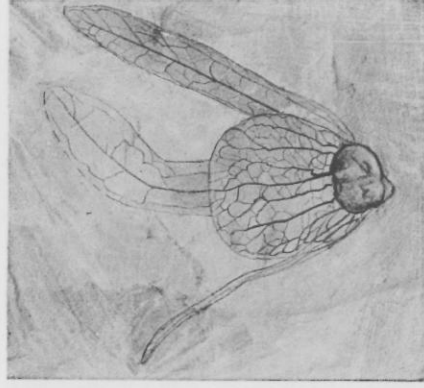
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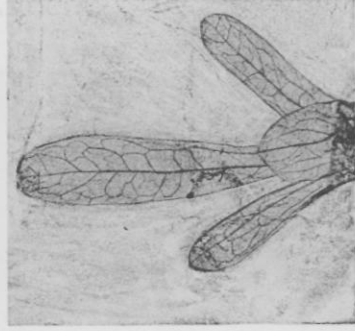
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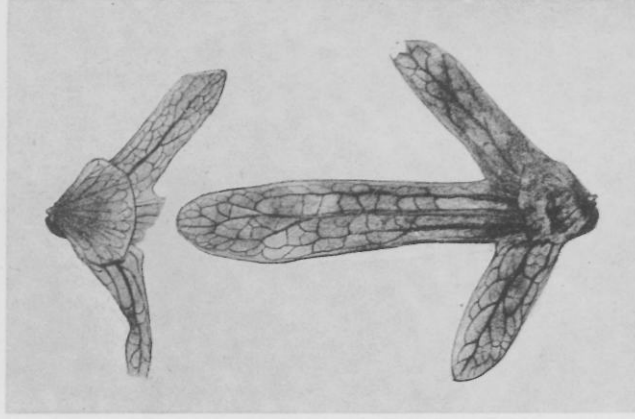
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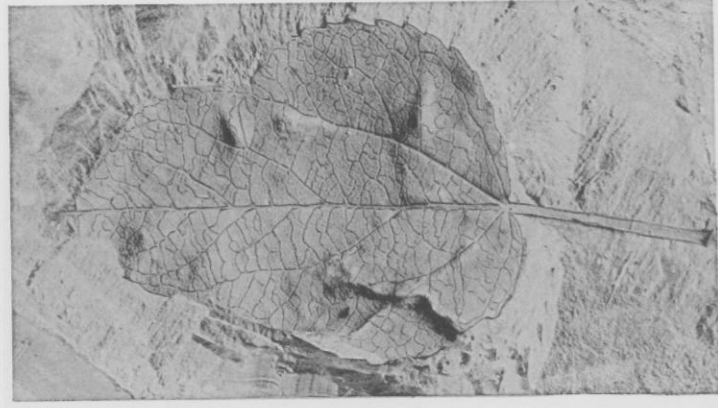
FIGS. 1, 2, 4. *Cercidiphyllum elongatum* Brown. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2184, 2185, 2187.

FIG. 3. *Cercidiphyllum elongatum* Brown. \times 3. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2186.

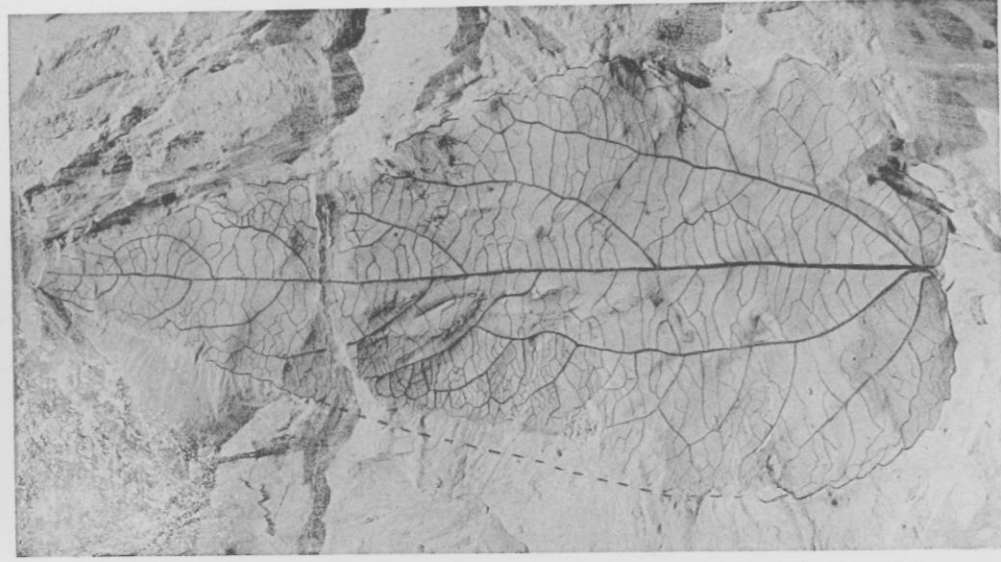
FIGS. 5-7, 9, 10. *Engelhardtia nevadensis* MacGinitie. Cotypes.

U. C. Mus. Pal., Paleobot. Ser., nos. 2155, 2156, 2157, 2158, 2159.
FIG. 8. *Engelhardtia colebrookiana* Lindley. \times 1.5. Specimen of the living species, for comparison.

FIG. 11. *Engelhardtia pterocarpa* (Oersted) Standley. \times 0.5. Specimen of the living species, for comparison.



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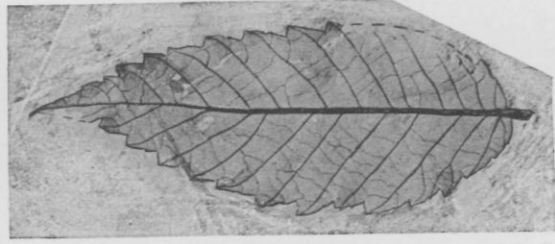
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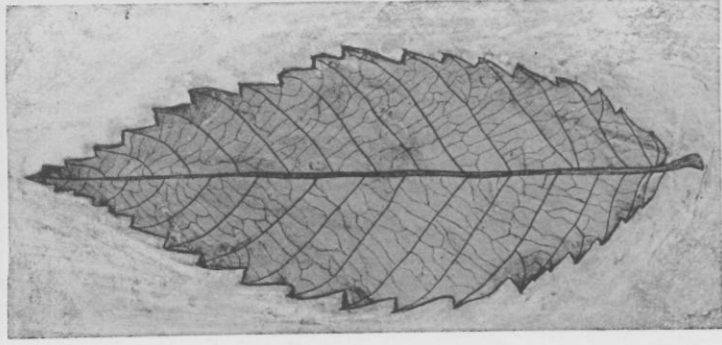
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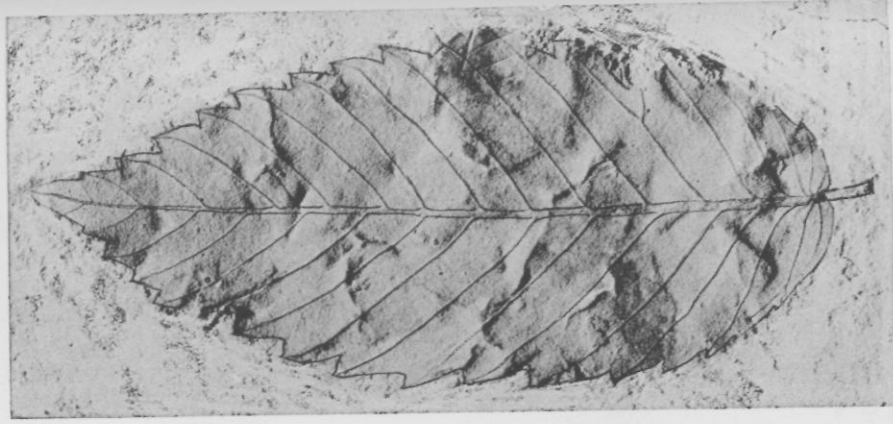
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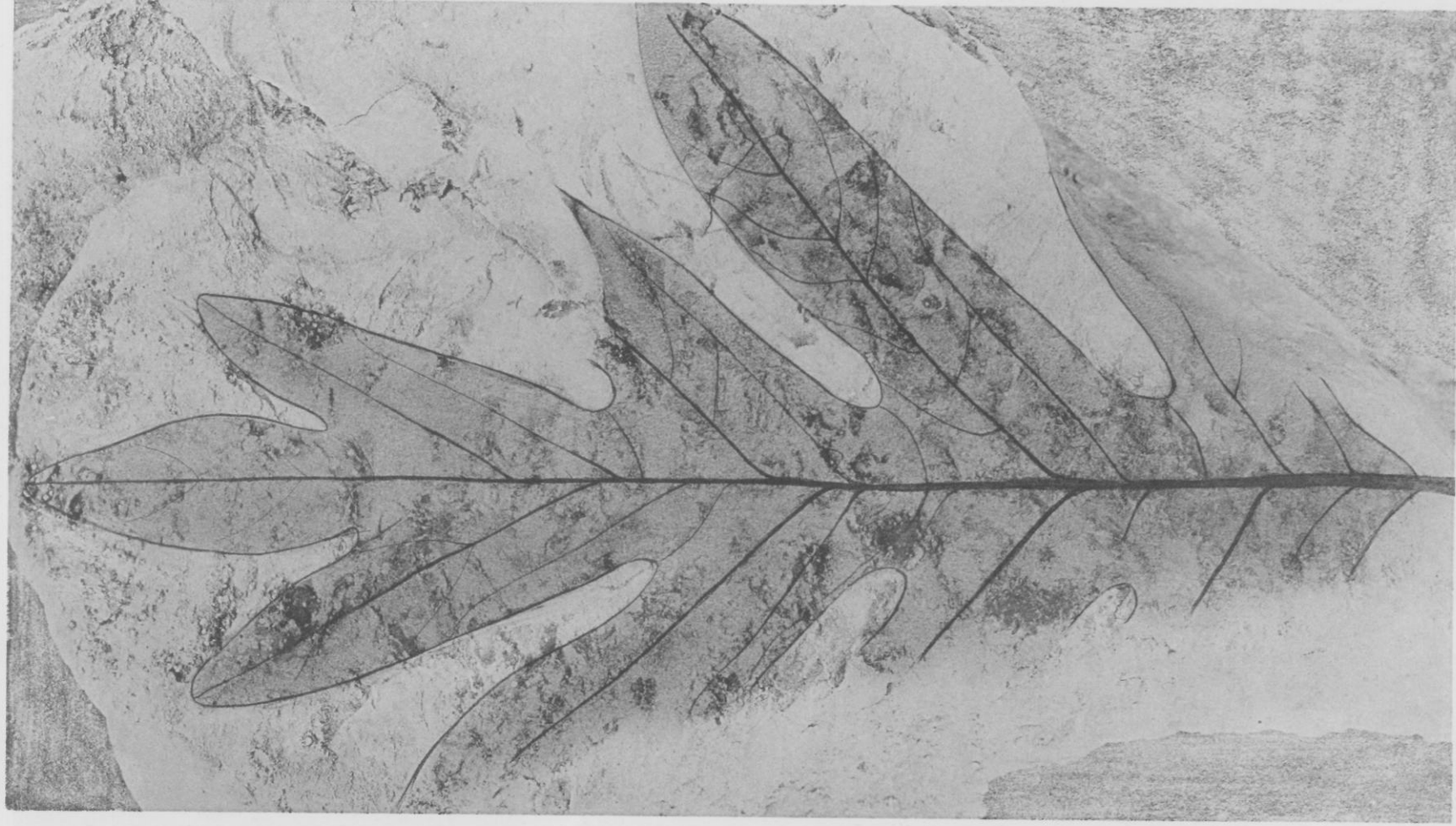
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FIGS. 1-3. *Cercidiphyllum elongatum* Brown. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2188, 2189, 2186.

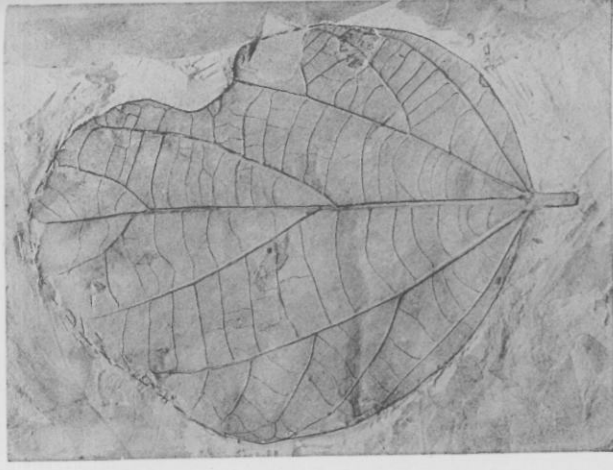
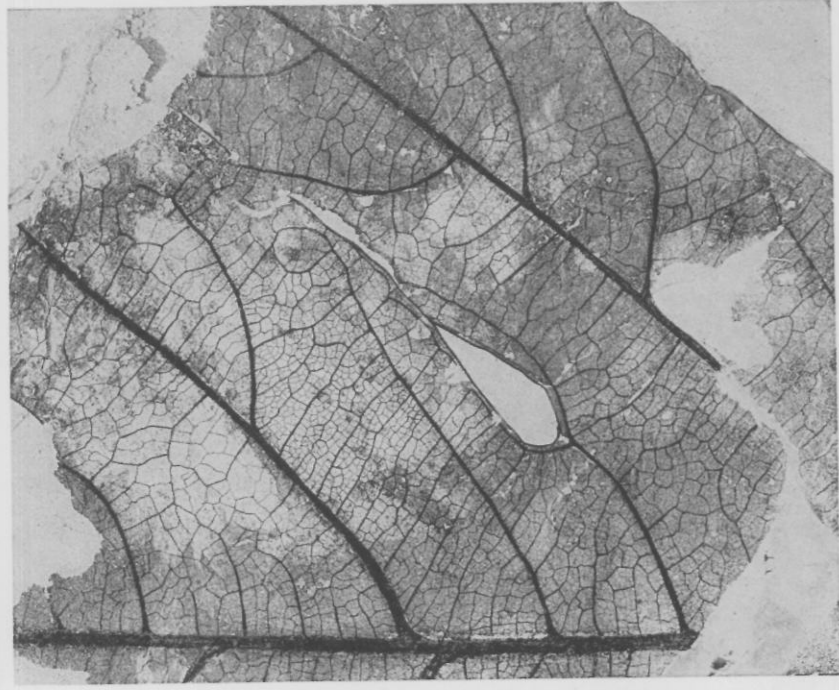
FIGS. 4-6. *Chaetoptelea pseudo-fulva* (Lesquereux) MacGinitie. $\times 1.5$. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2168, 2169, 2170.

FIG. 7. *Chaetoptelea pseudo-fulva* (Lesquereux) MacGinitie. $\times 2.3$. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2171.

FIGS. 8-10. *Chaetoptelea pseudo-fulva* (Lesquereux) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2172, 2173, 2174.

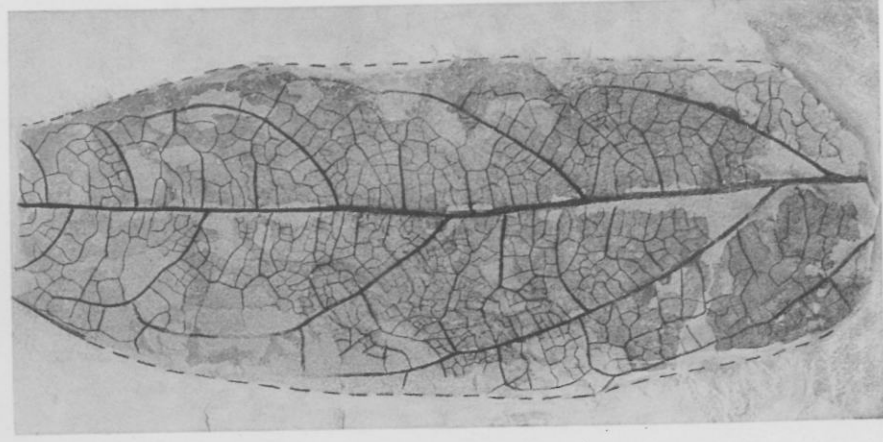


Artocarpus lessigiana (Lesquereux) Knowlton. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2175.

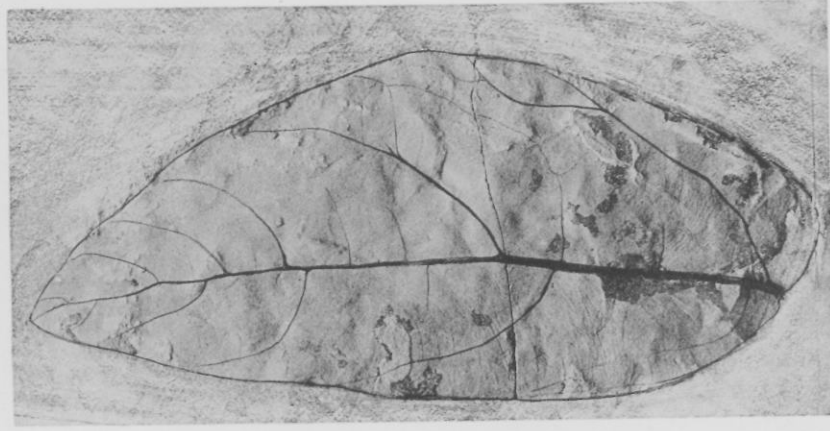


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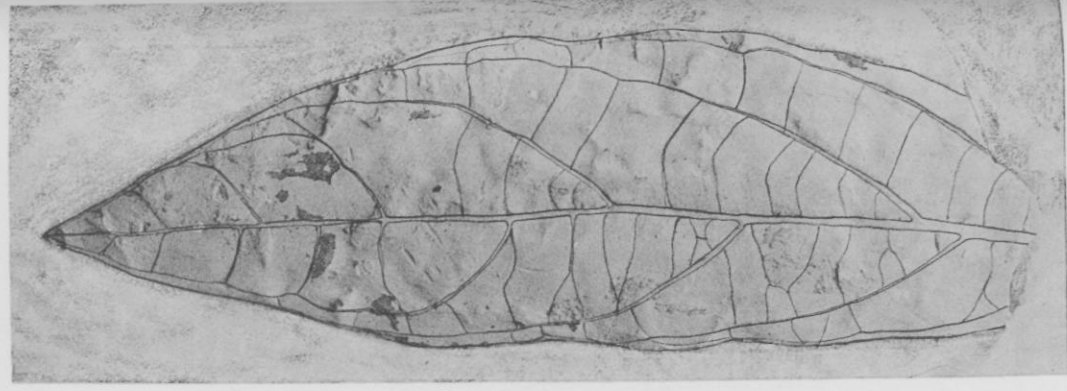
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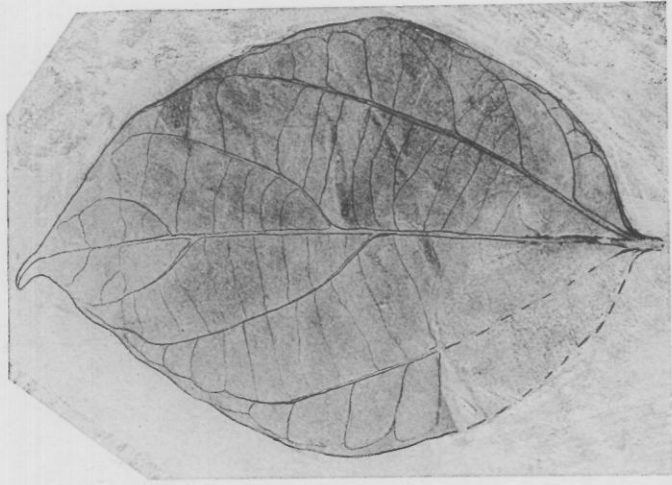


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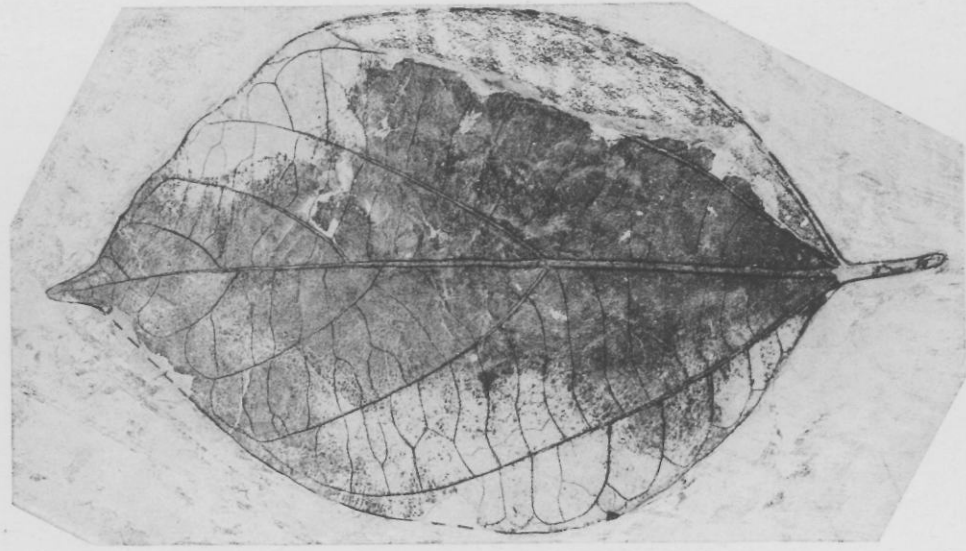


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FIG. 1. *Artocarpus lessigiana* (Lesquereux) Knowlton. \times 2. Paleobot. Ser., no. 2269. Plesiotype, U. C. Mus. Pal., Paleobot. Ser., no. 2176.
 FIG. 2. *Mallotus riparius* MacGinitie. Cotype, U. C. Mus. Pal., Paleobot. Ser., nos. 2179, 2180, 2181.

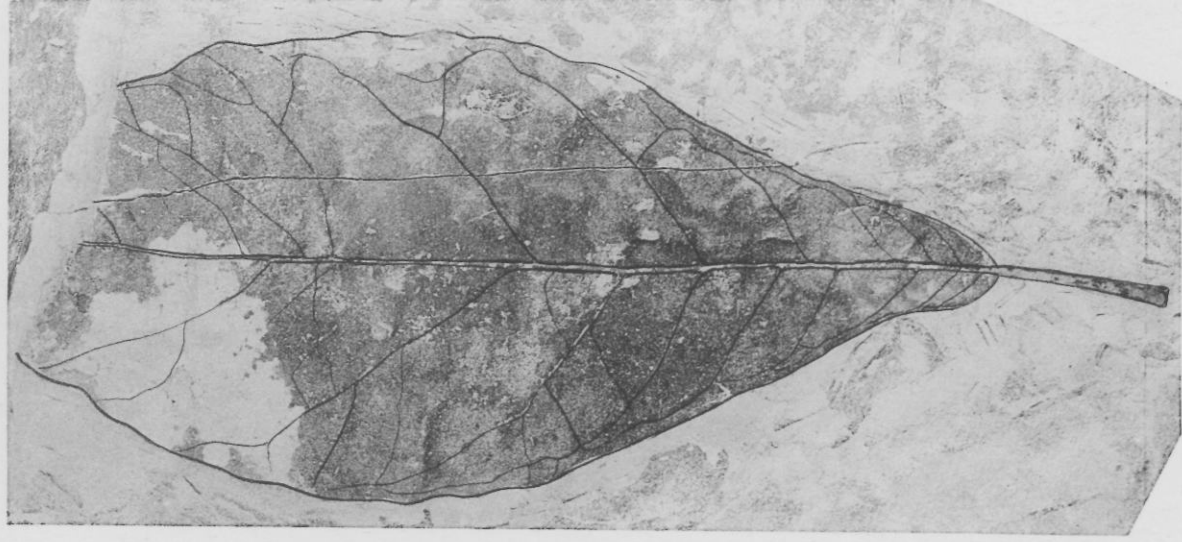


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FIGS. 1, 2. *Hyperbaena diforma* Potbury. Plesiotypes.
U. C. Mus. Pal., Paleobot. Ser., nos. 2191, 2192.



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FIG. 3. *Ficus goshenensis* Chaney and Sanborn. Plesio-
type. U. C. Mus. Pal., Paleobot. Ser., no. 2182.

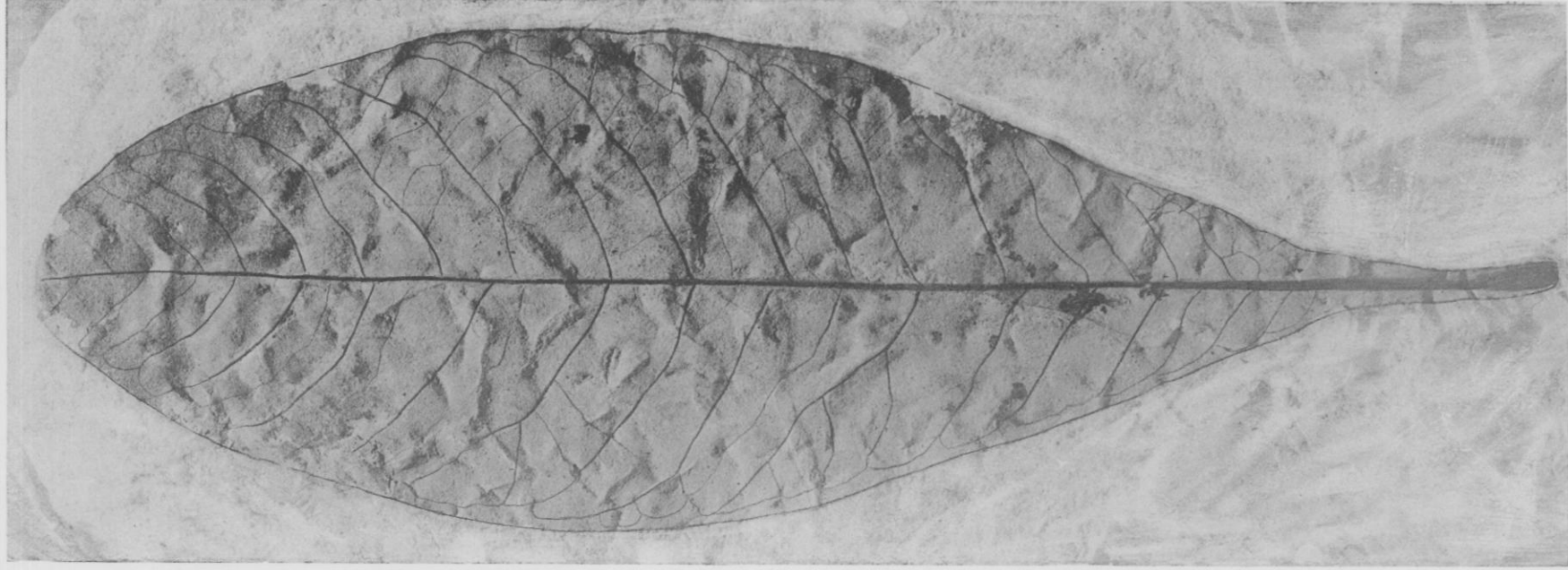
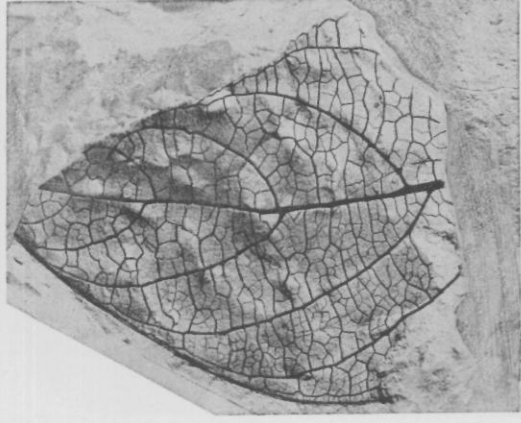
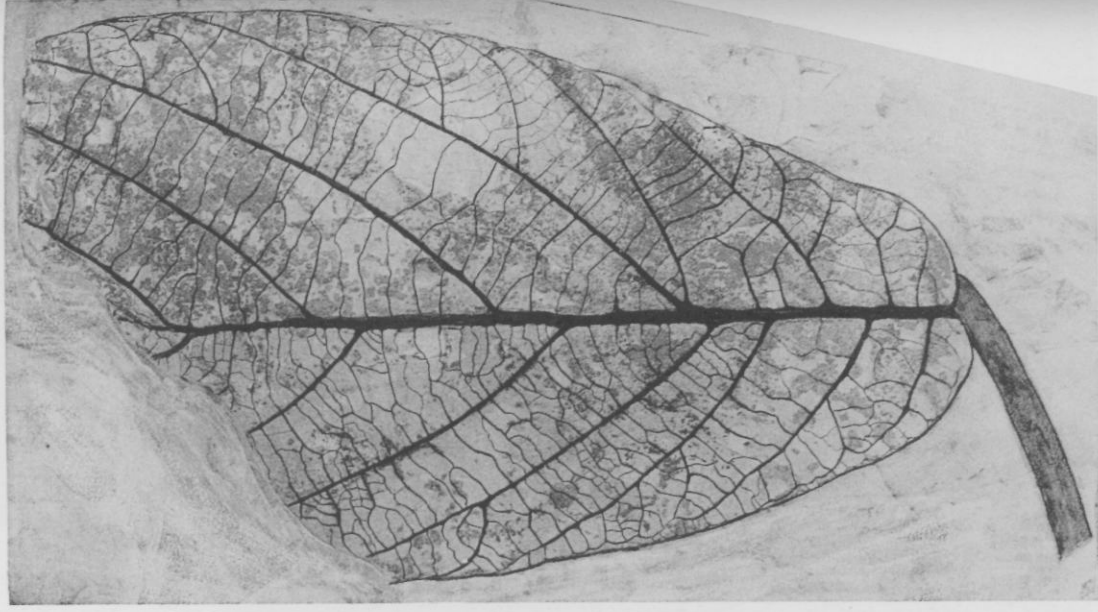


FIG. 1. *Magnolia dayana* Cockerell. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2193.

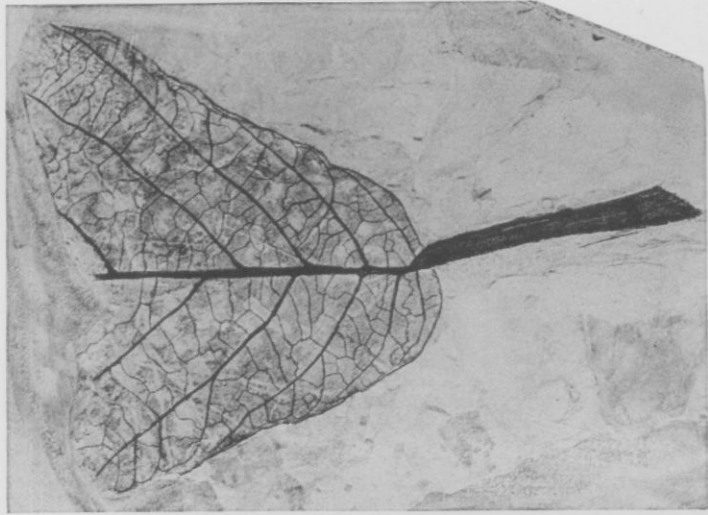


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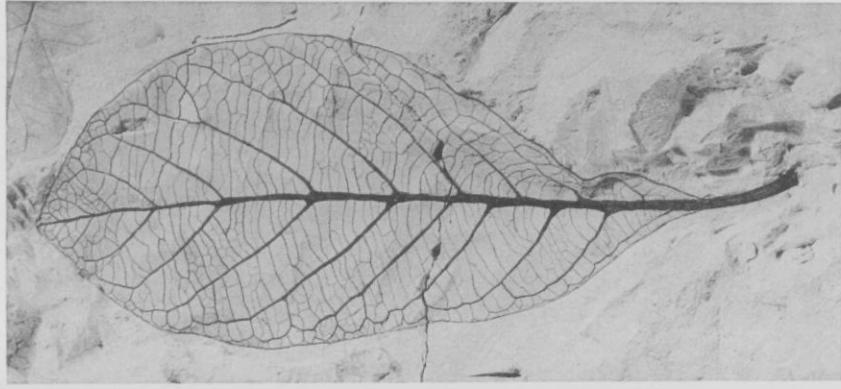
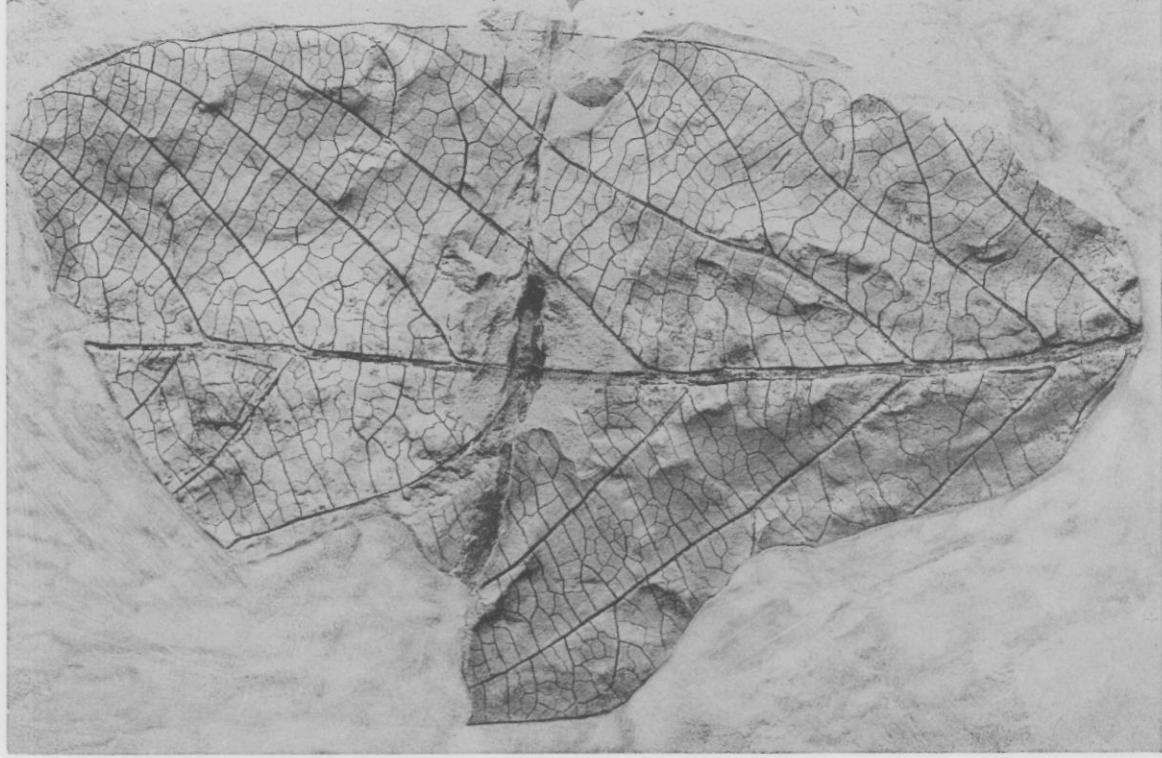


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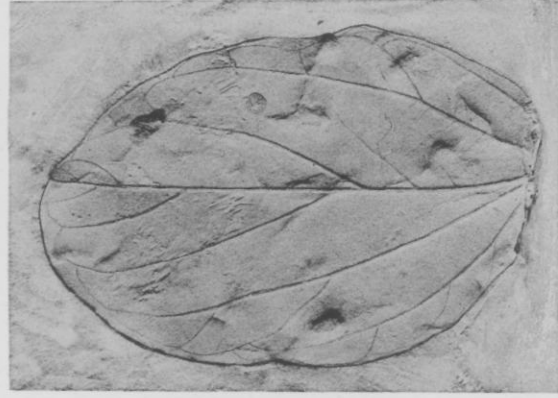
FIGS. 2, 3. *Laurophyllum litseaefolia* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2199, 2200.



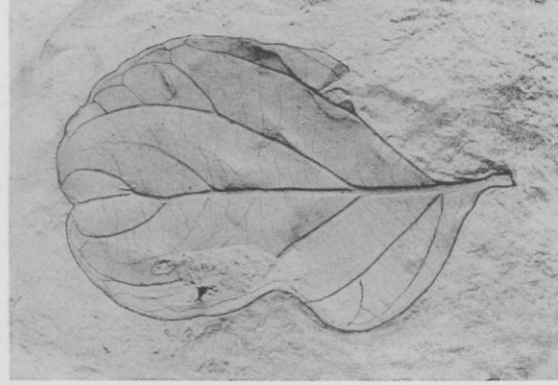
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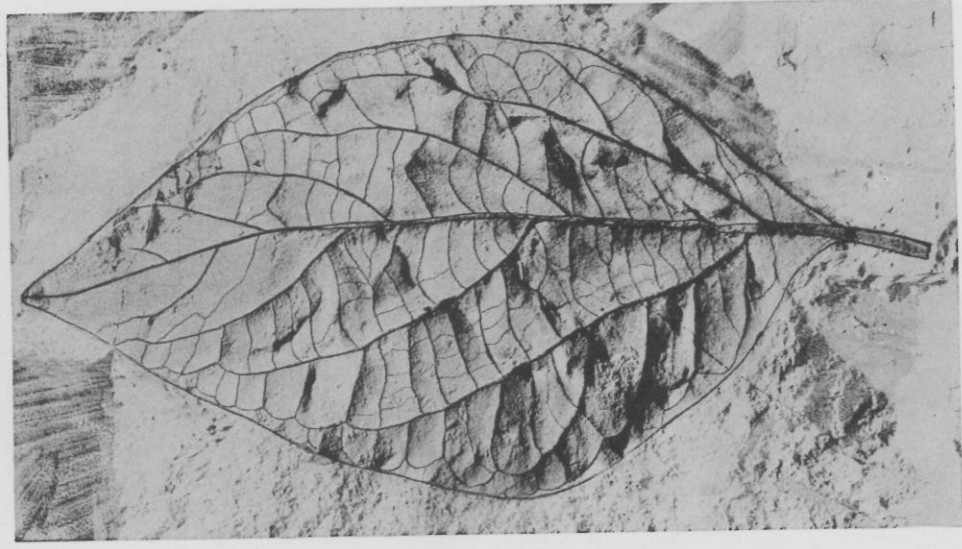
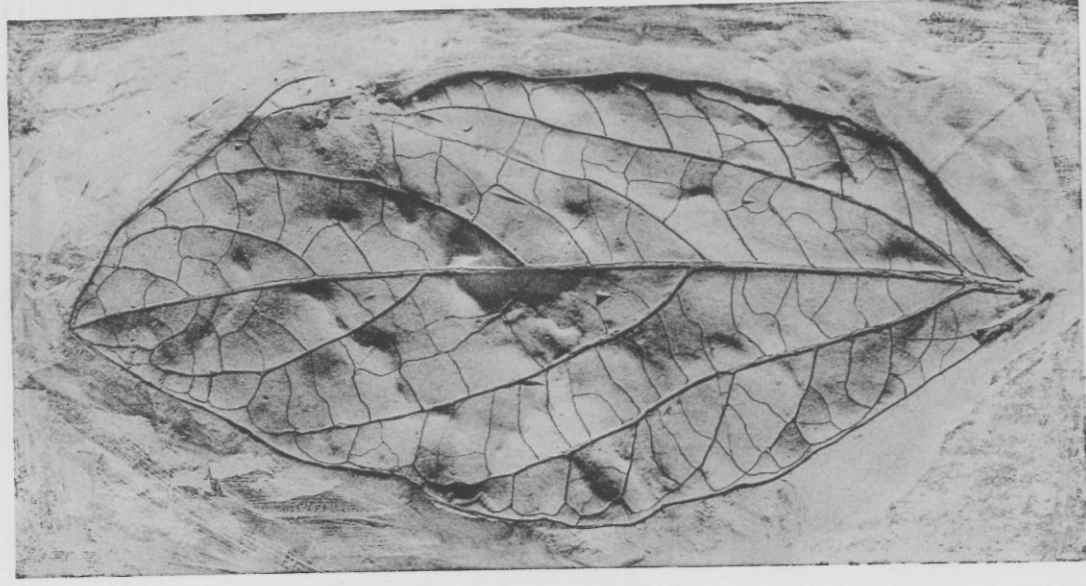
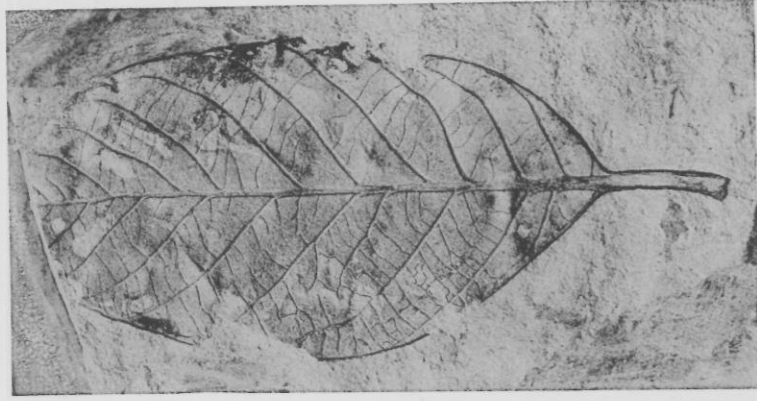
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FIGS. 1, 2. *Laurophyllum litseaeifolia* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., no. 2204.

Mus. Pal., Paleobot. Ser., nos. 2201, 2202.

FIG. 3. *Laurophyllum fremontensis* (Berry) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2210, 2211.

FIGS. 4, 5. *Persea praeilingue* Sanborn. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2210, 2211.

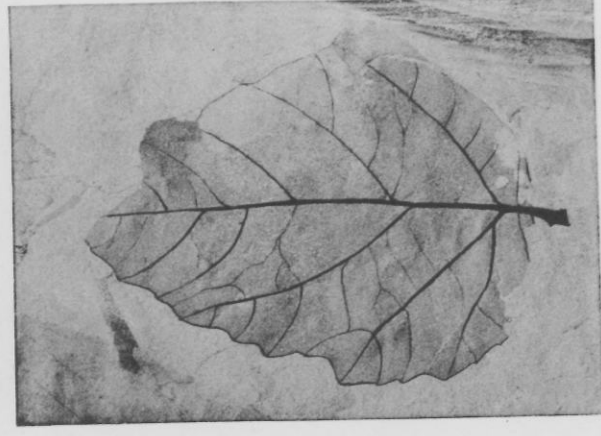


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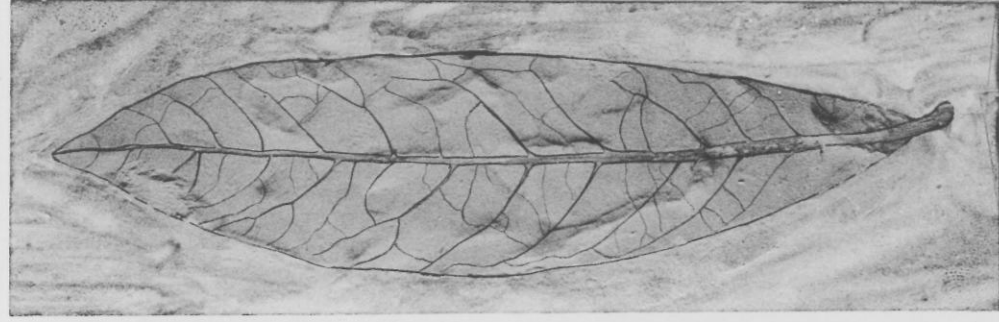
FIG. 1. *Laurophyllum fremontensis* (Berry) MacGinitie.
Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2205.

FIGS. 2, 3. *Neolitsea lata* MacGinitie. Cotypes. U. C. Mus.

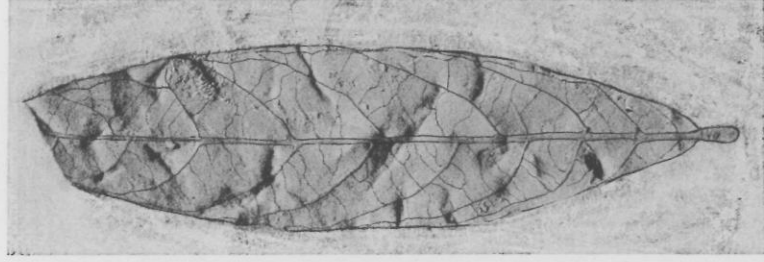


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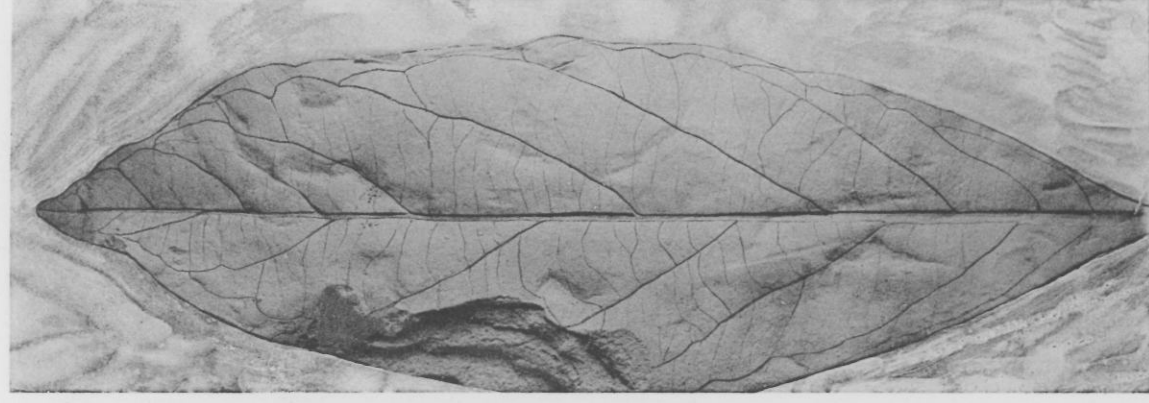
Pal., Paleobot. Ser., nos. 2208, 2209.
FIG. 4. *Hamamelites voyana* (Lesquereux) MacGinitie.
Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2220.



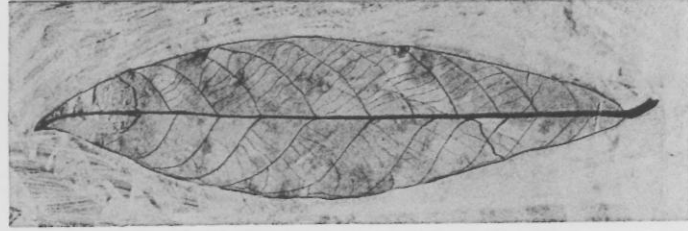
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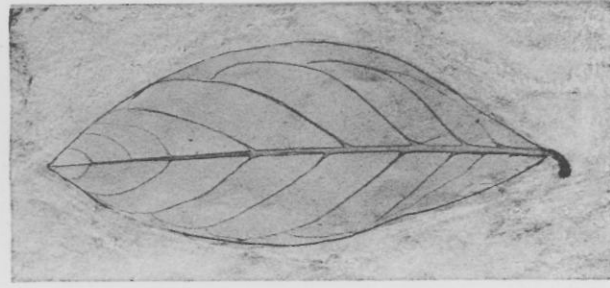
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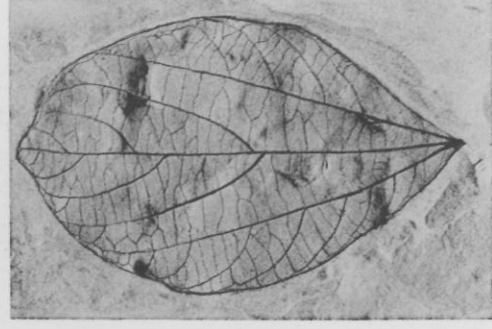
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FIGS. 1-3, 5. *Persea pseudo-carolinensis* Lesquereux. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2212, 2213, 2214, 2215.

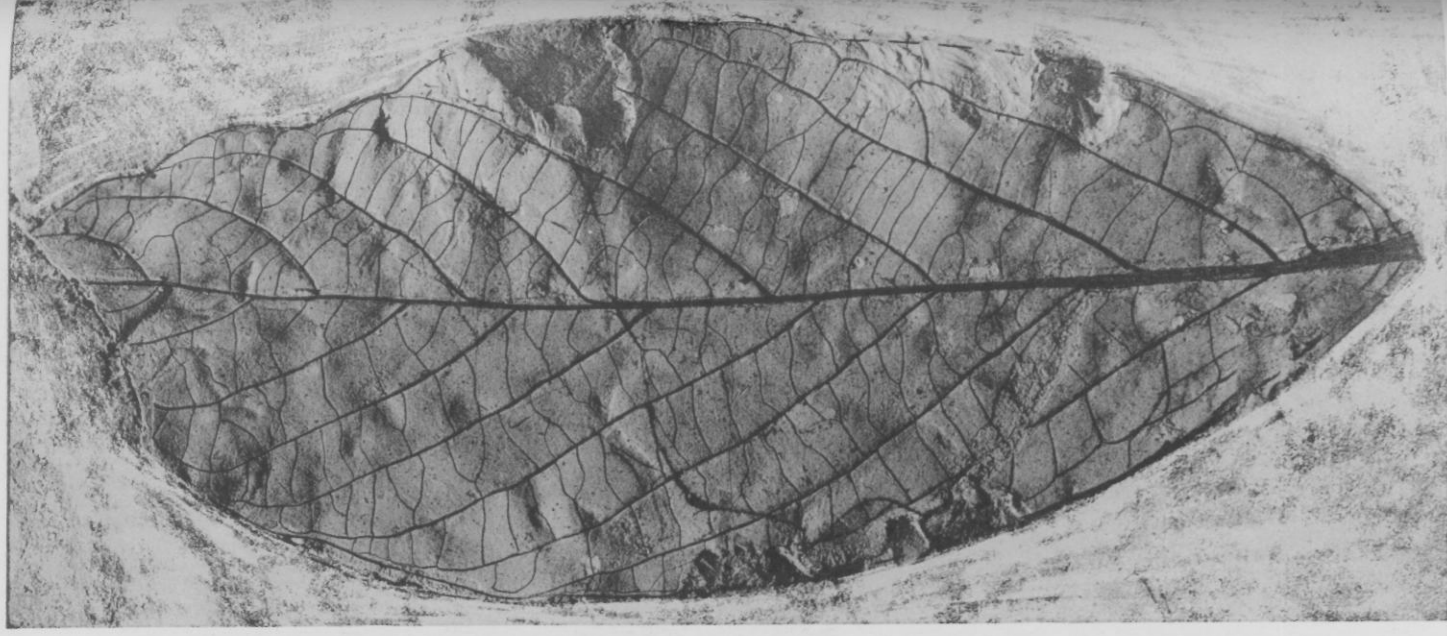
FIG. 4. *Cryptocarya praesamarensis* Sanborn. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2198.

FIG. 6. *Cinnamomum dilleri* Knowlton. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2196.



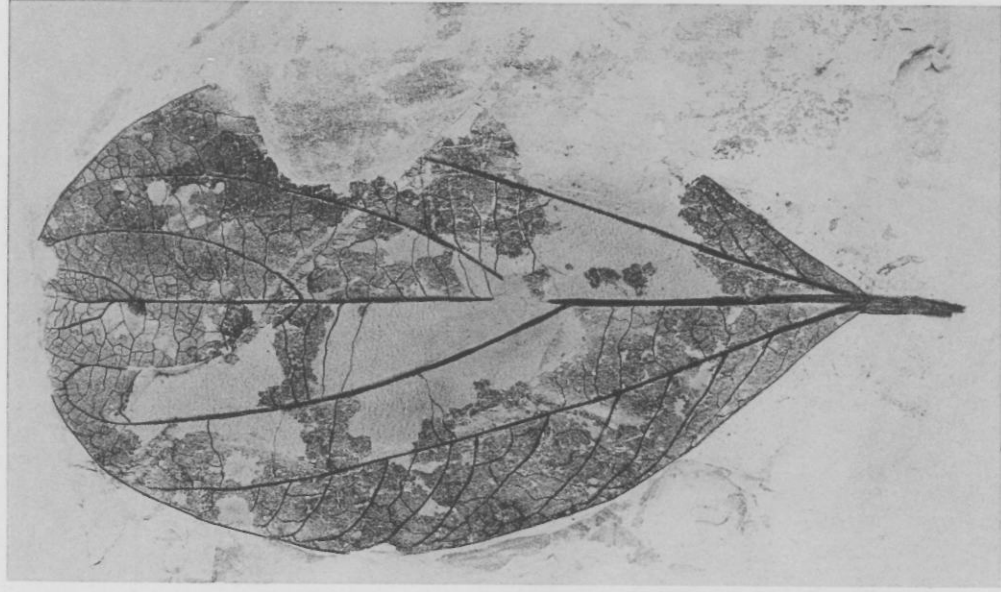
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FIG. 1. Unidentified leaf. U. C. Mus. Pal., Paleobot. Ser., no. 2216.

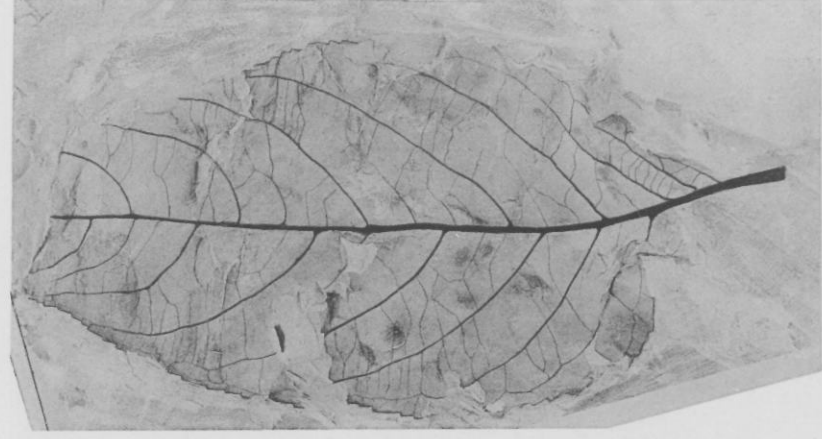


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FIG. 2. *Laurophyllum litseaefolia* MacGinitie. Cotype. U. C. Mus. Pal., Paleobot. Ser., no. 2203.



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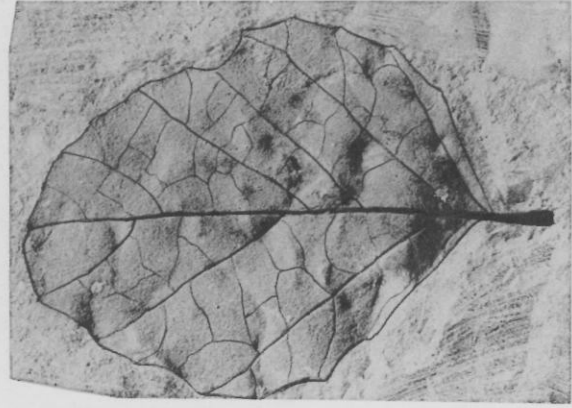
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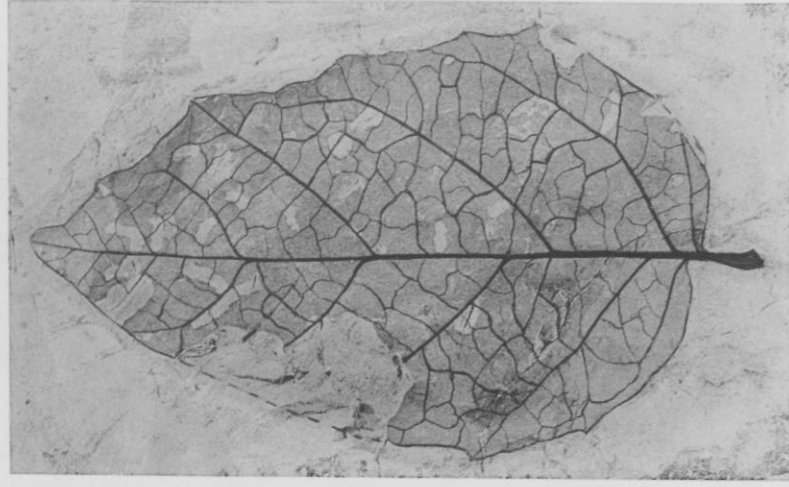
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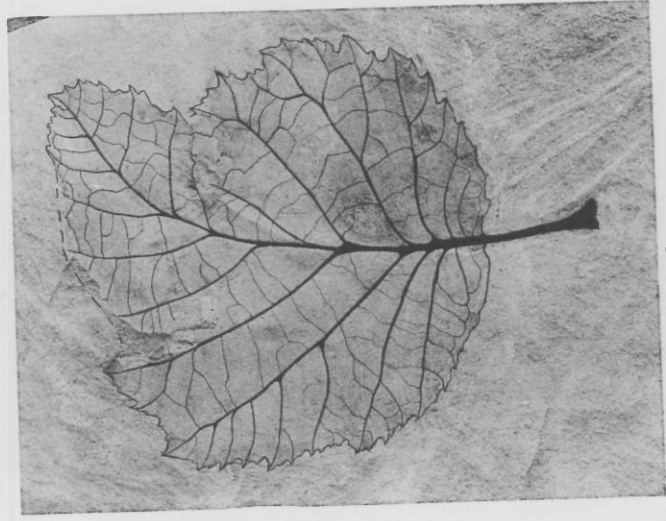


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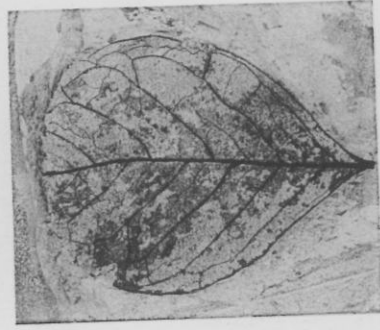
FIG. 1. *Cinnamomum dilleri* Knowlton. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2197.

FIGS. 2, 3. *Hamamelites voyana* (Lesquereux) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2221, 2222, 2223.

FIGS. 4, 5. *Cinnamomum dilleri* Knowlton. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2217, 2218.



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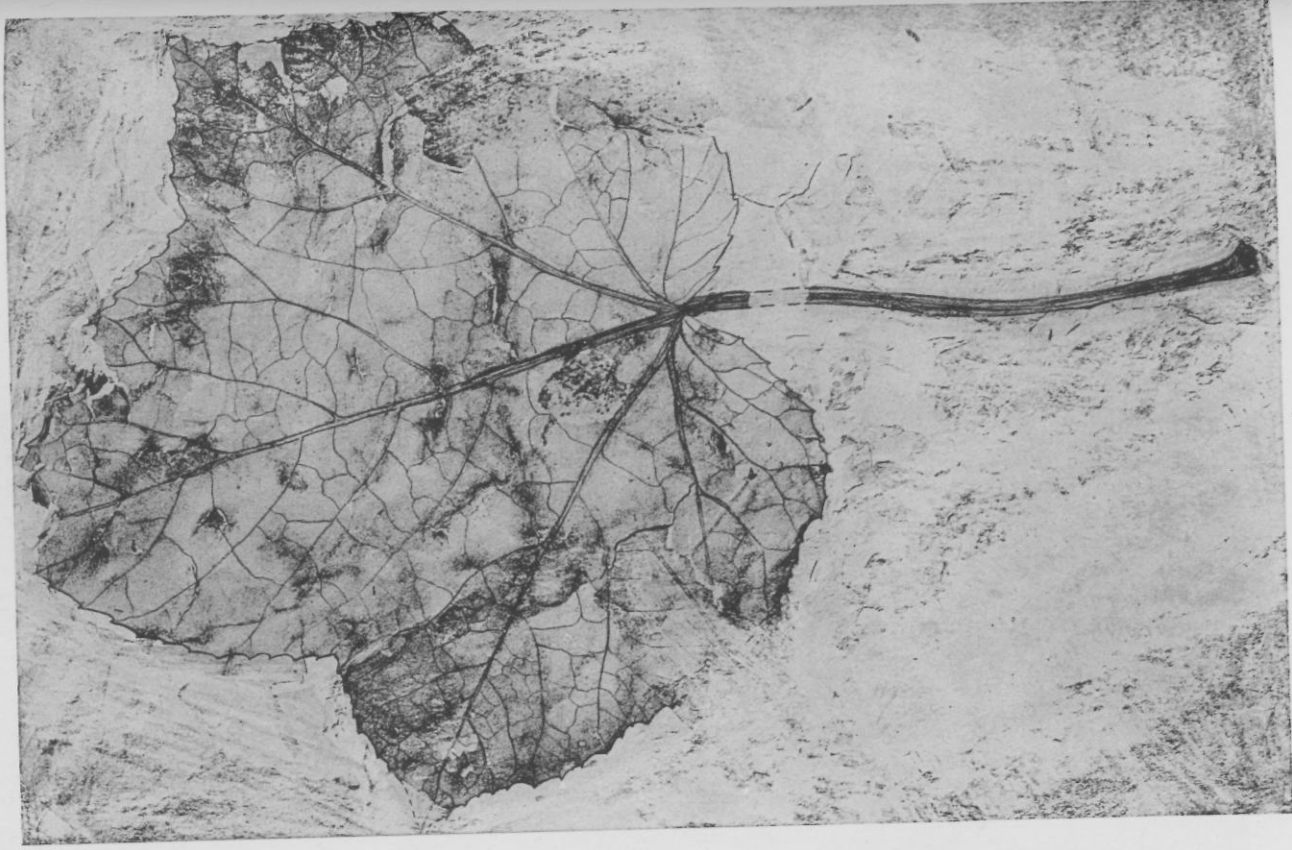
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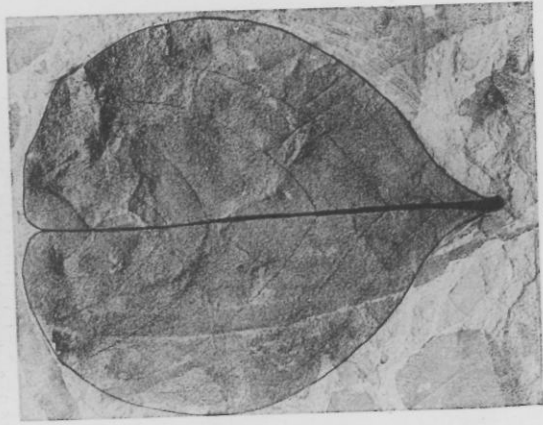
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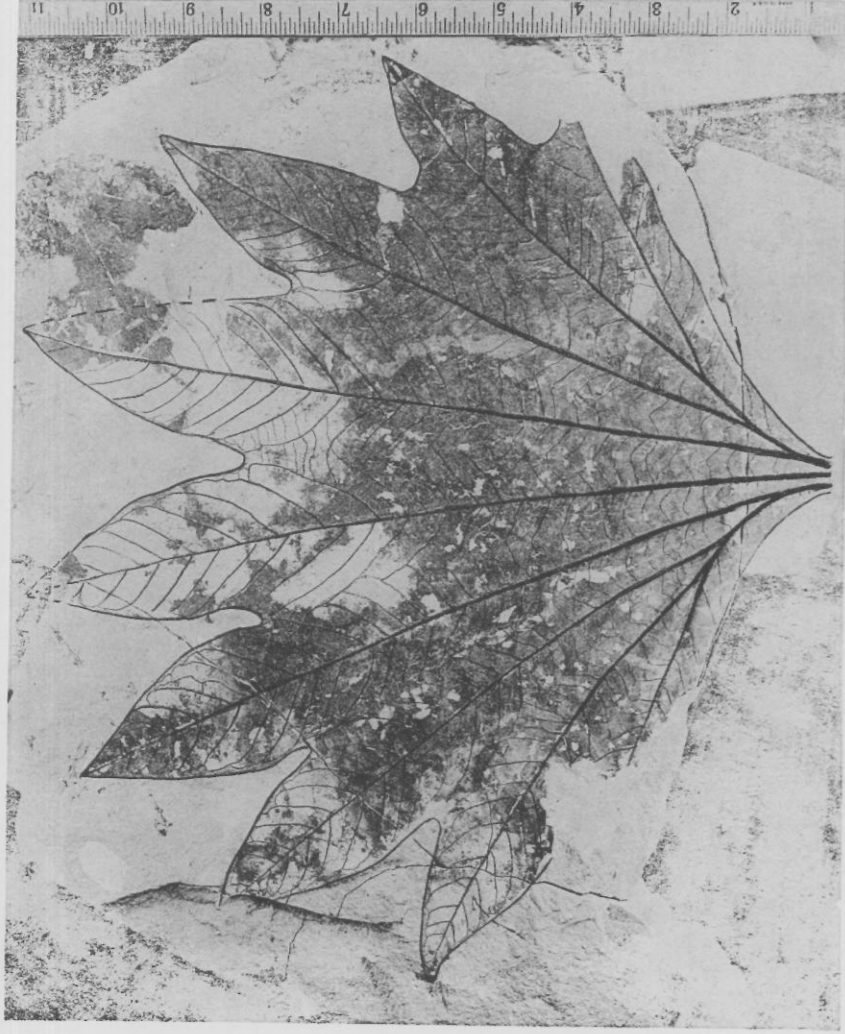
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FIG. 1. Unidentified leaf. U. C. Mus. Pal., Paleobot. Ser., no. 2246.

FIGS. 2, 6. *Liquidambar californicum* Lesquereux. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2224, 2226.

FIG. 3. *Liquidambar californicum* Lesquereux. \times 2.5. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2225.

FIGS. 4, 5. *Chrysobalanus eotacaco* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2242, 2243.



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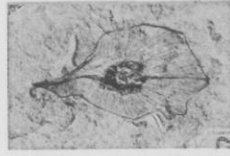


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FIG. 1. *Platanophyllum whitneyi* (Lesquereux) MacGinitie. \times 0.4. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2229.

FIG. 2. *Platanophyllum angustiloba* var. *serrata* MacGinitie.

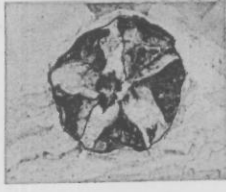
FIG. 3. *Platanophyllum whitneyi* (Lesquereux) MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2230.



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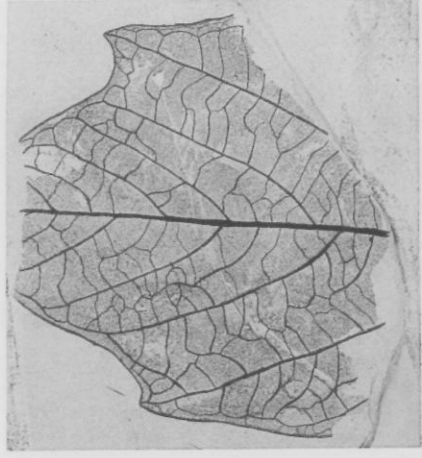
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FIG. 1. Unidentified fruit. U. C. Mus. Pal., Paleobot. Ser., no. 2355.

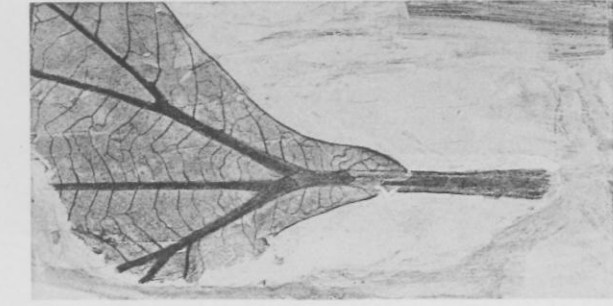
FIG. 2. Unidentified fruit. U. C. Mus. Pal., Paleobot. Ser., no. 2356.

FIG. 3. *Cupressus?* cone. U. C. Mus. Pal., Paleobot. Ser., no. 2359.

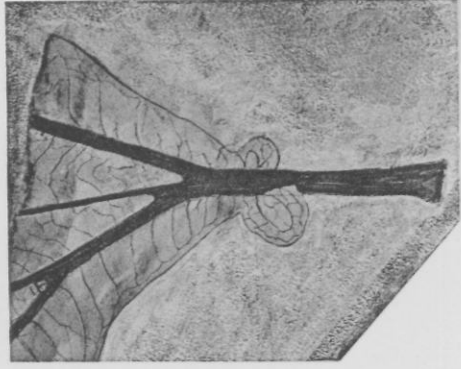
FIG. 4. *Platanophyllum whitneyi* (Lesquerex) MacGinitie. X 0.4. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2234.



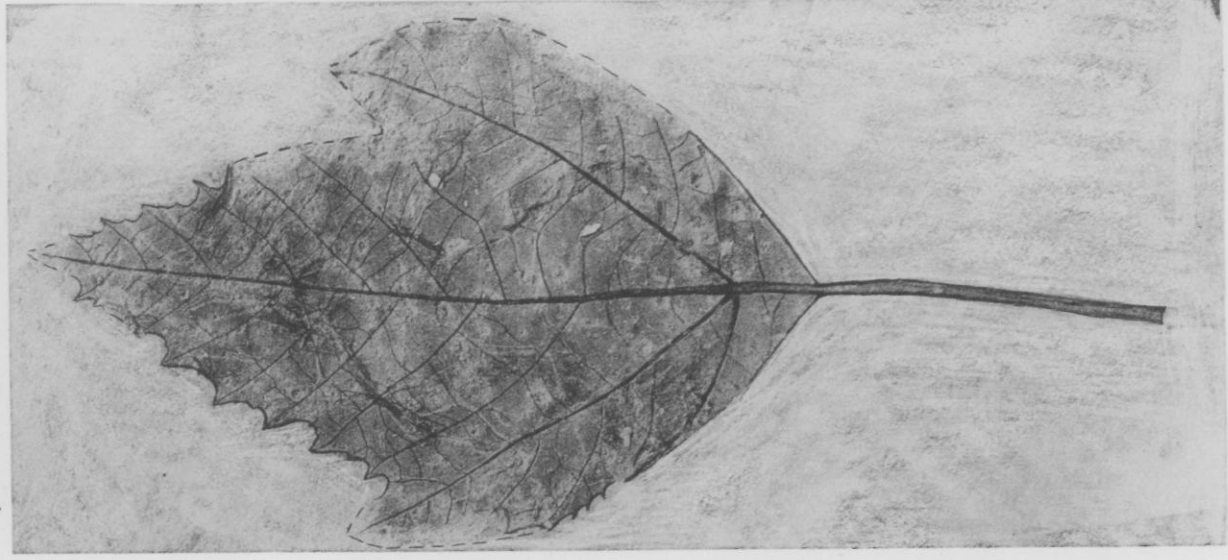
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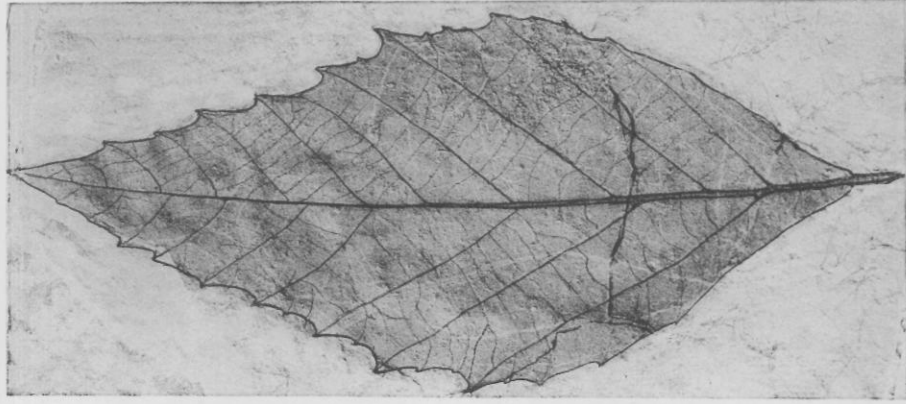
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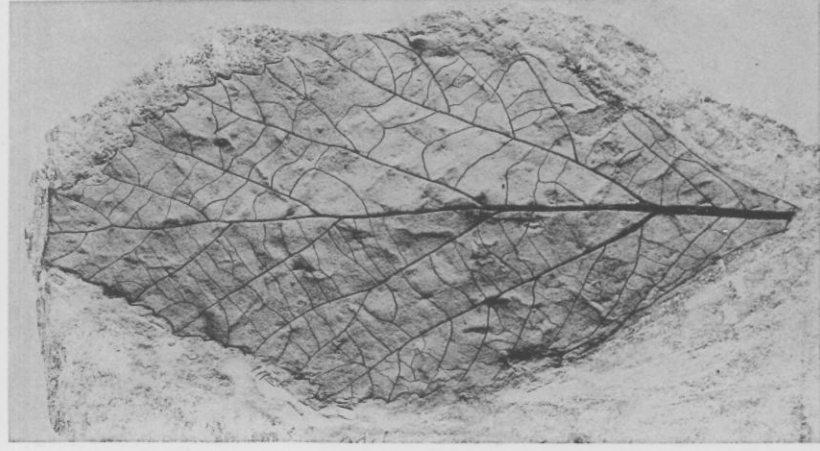
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FIG. 1. *Platanophyllum angustiloba* var. *serrata* MacGinitie. Colotype. U. C. Mus. Pal., Paleobot. Ser., no. 2228.

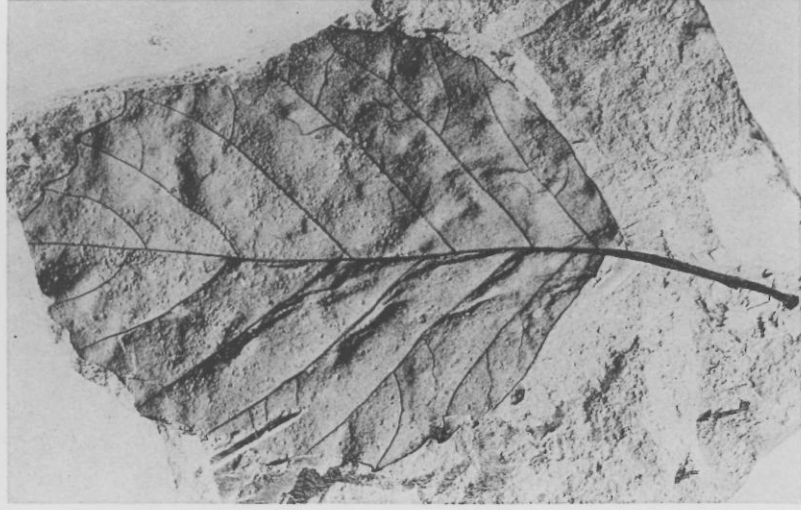
Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2231, 2232, 2233. FIG. 5. *Platanus coloradensis* Knowlton. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2238.



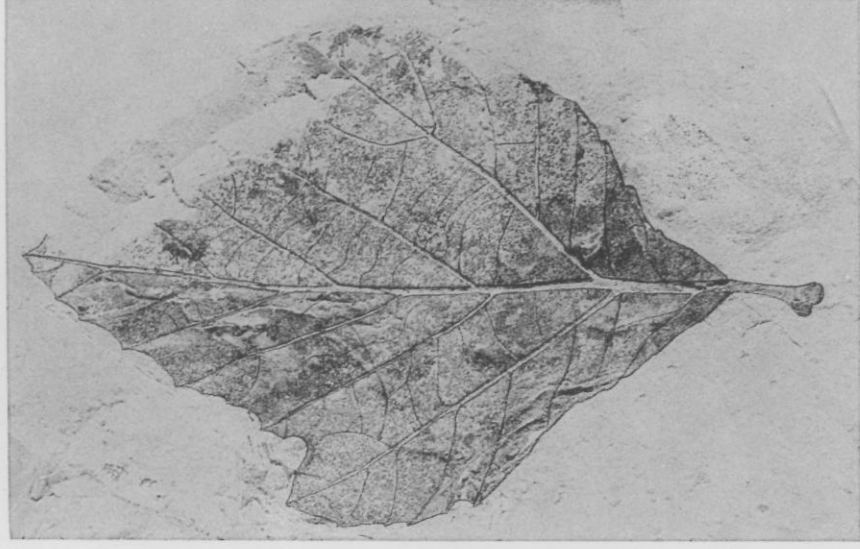
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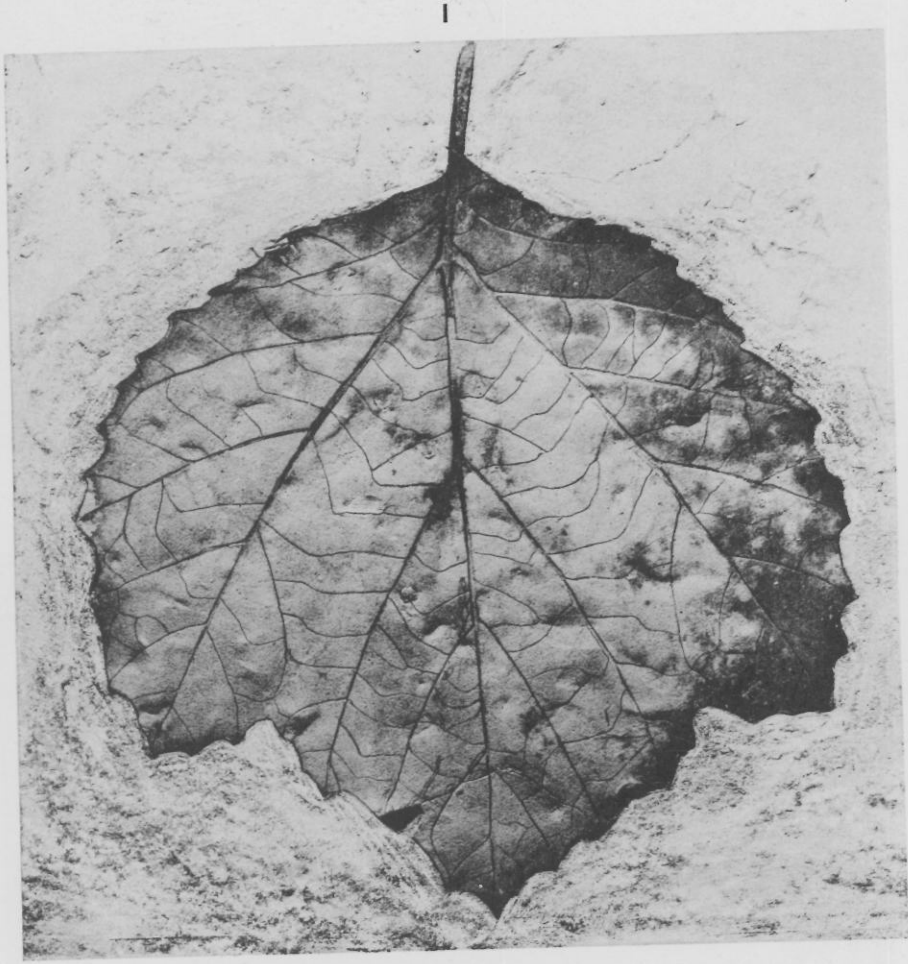
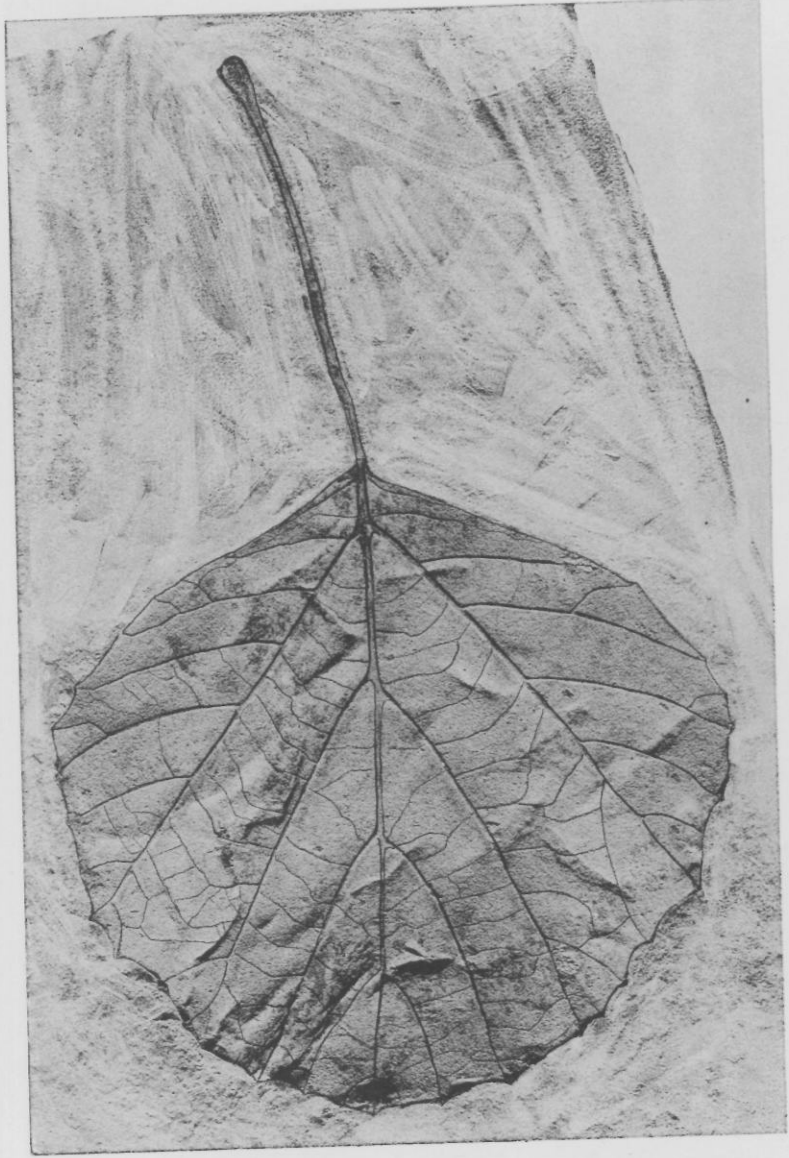
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FIG. 1. *Platanus coloradensis* Knowlton. $\times 0.4$. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2239.

FIG. 2. *Platanus coloradensis* Knowlton. $\times 0.5$. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2240.

FIG. 3. *Platanus coloradensis* Knowlton. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2241.

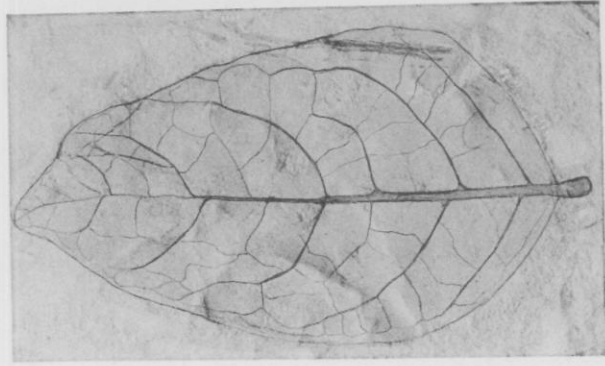
FIG. 4. *Platanus appendiculata* Lesquereux. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2235.



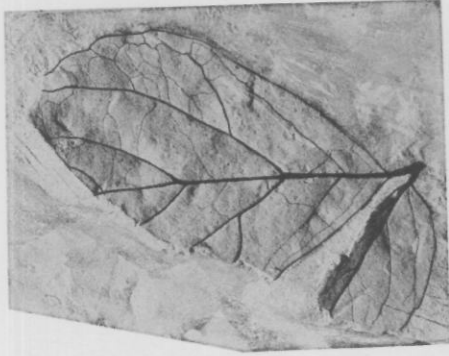
FIGS. 1, 2. *Platanus appendiculata* Lesqueroux. Fig. 1 $\times 0.7$; fig. 2 natural size. Pleistotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2236, 2237.

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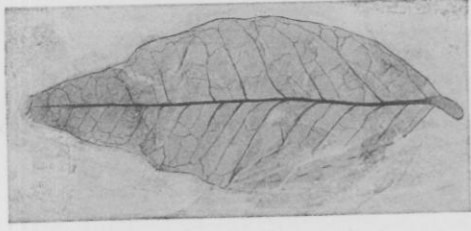
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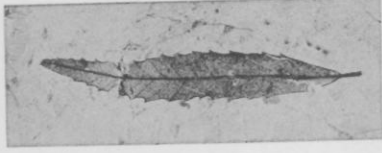
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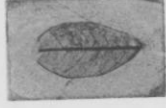
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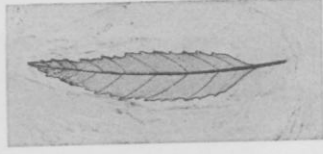
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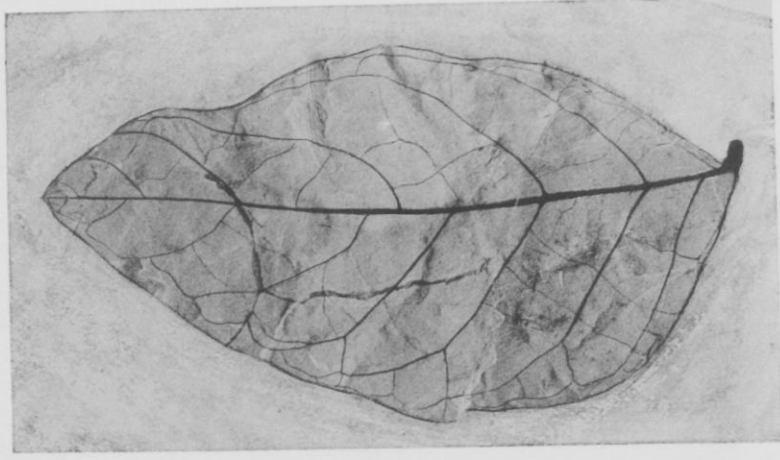
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FIGS. 1, 7, 8. *Pongamia ovata* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2254, 2255, 2256.

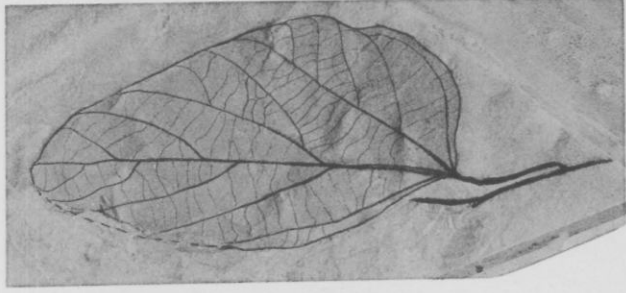
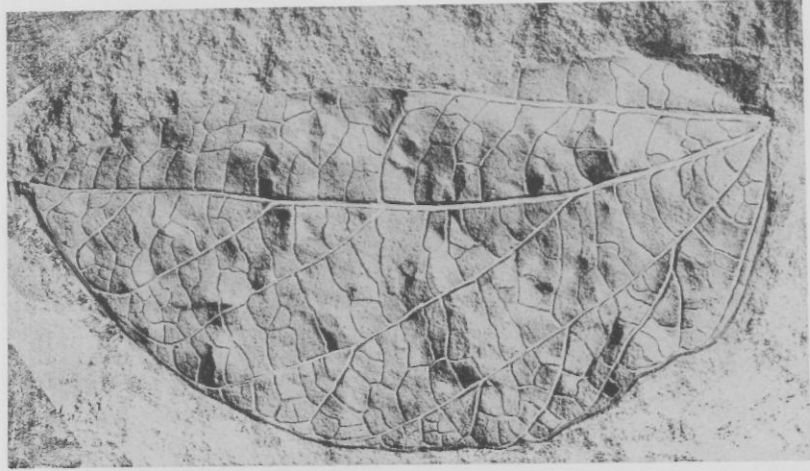
FIG. 2. *Desmodium indentum* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2250.

FIG. 3. *Dalbergia rubra* MacGinitie. Holotype. U. C. Mus.

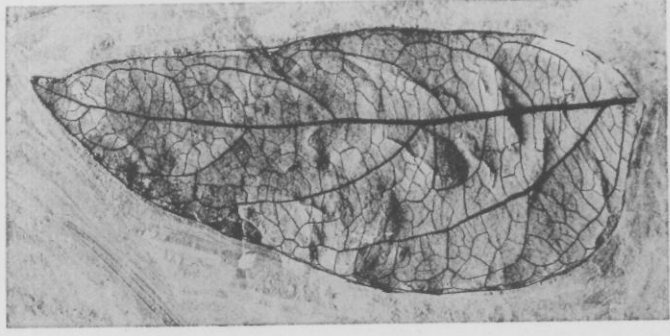
Pal., Paleobot. Ser., no. 2249.

FIGS. 4, 6. *Vauquelinia exigua* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2247, 2248.

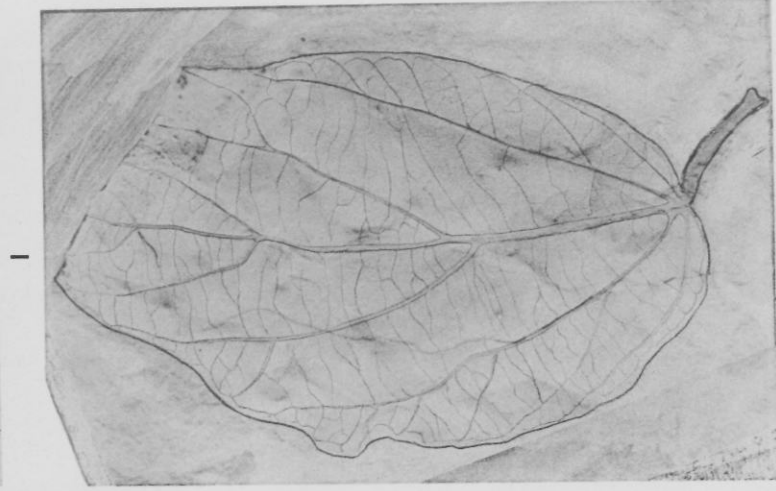
FIG. 5. Unidentified leaflet. U. C. Mus. Pal., Paleobot. Ser., no. 2261.



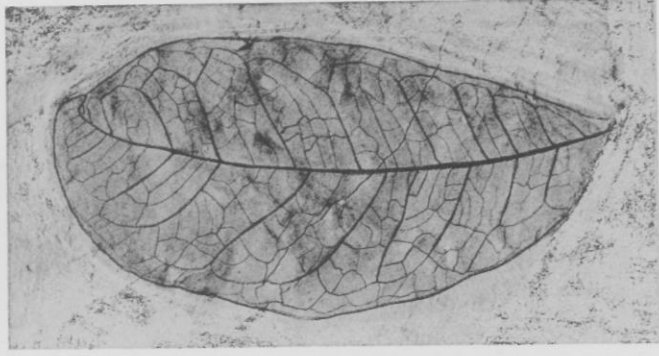
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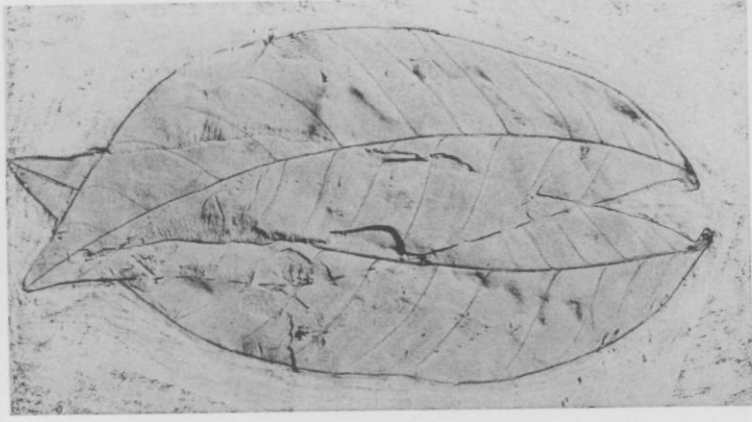
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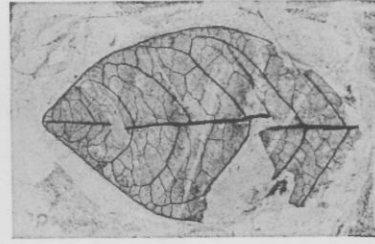
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FIGS. 1, 3. *Strongylodon falcata* MacGinitie. Cotypes. U. C. Mus.
Pal., Paleobot. Ser., nos. 2257, 2258.

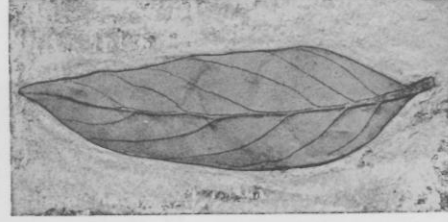
Pal., Paleobot. Ser., nos. 2270, 2271.
FIGS. 5, 6. *Vouaapa geminifolia* MacGinitie. Cotypes. U. C. Mus.
Pal., Paleobot. Ser., nos. 2259, 2260.



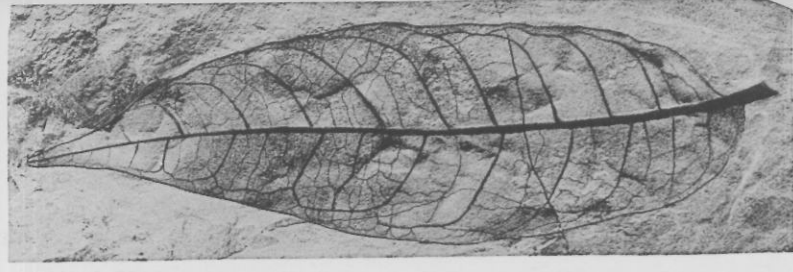
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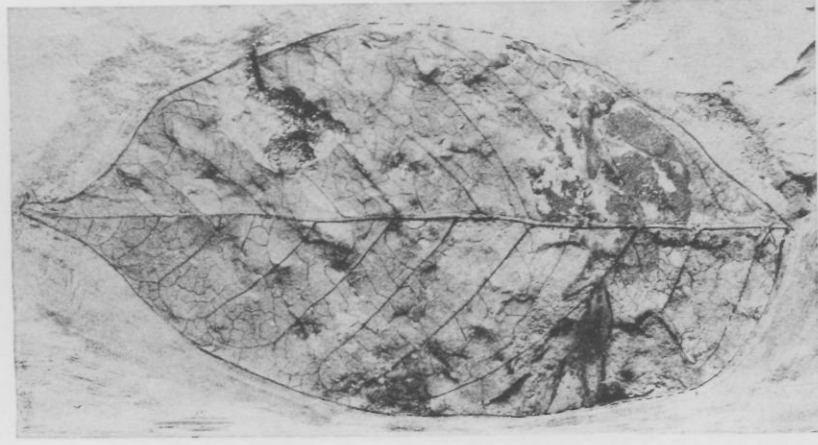
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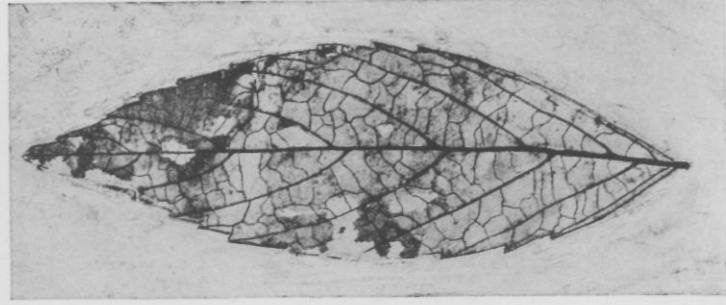
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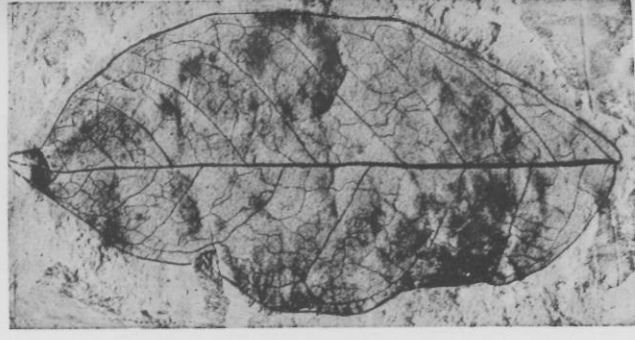
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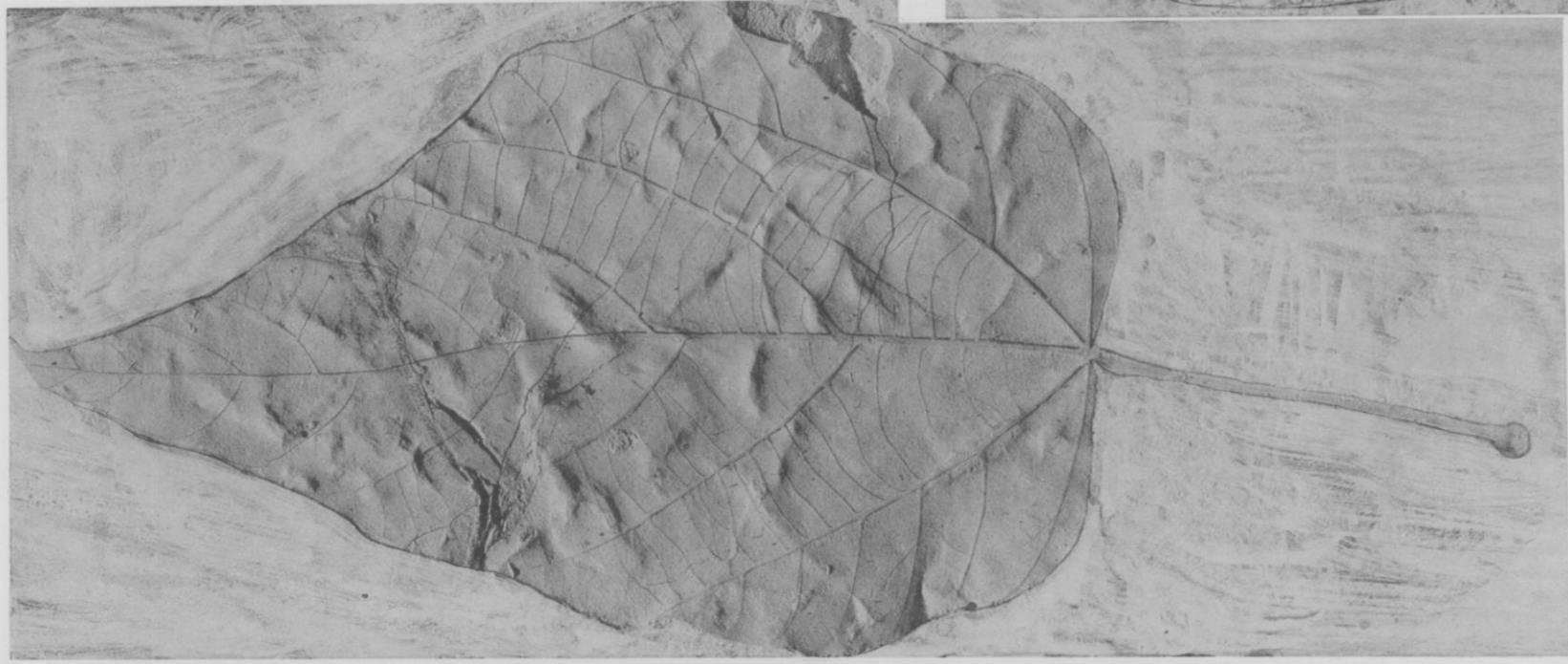
FIG. 1. Legume pod. U. C. Mus. Pal., Paleobot. Ser., no. 2262.
 FIG. 2. *Cedrela eolancifolia* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2267.

FIGS. 3, 6, 8. *Canarium californicum* (Lesquereux) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2263, 2264, 2265.

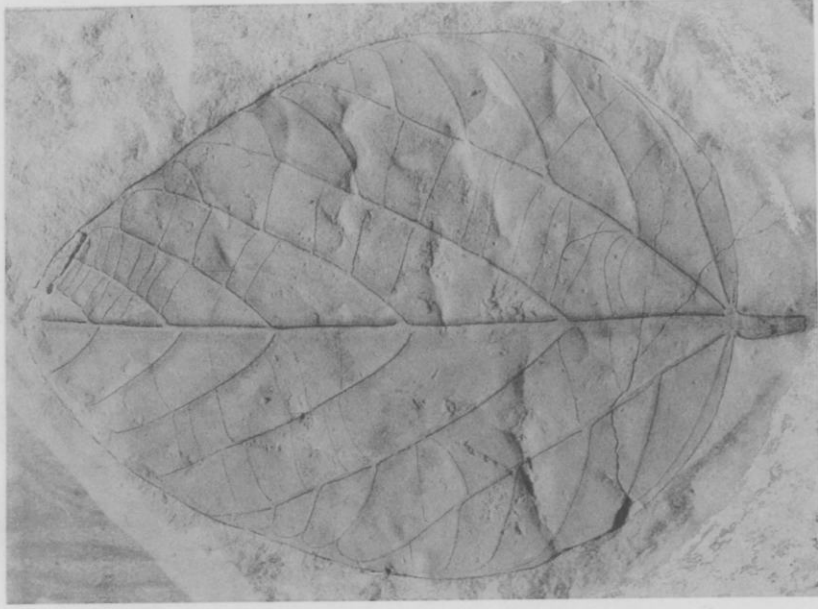
FIG. 4. *Inga ionensis* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2253.

FIG. 5. *Ailanthus lesquereuxi* Cockerell. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2266.

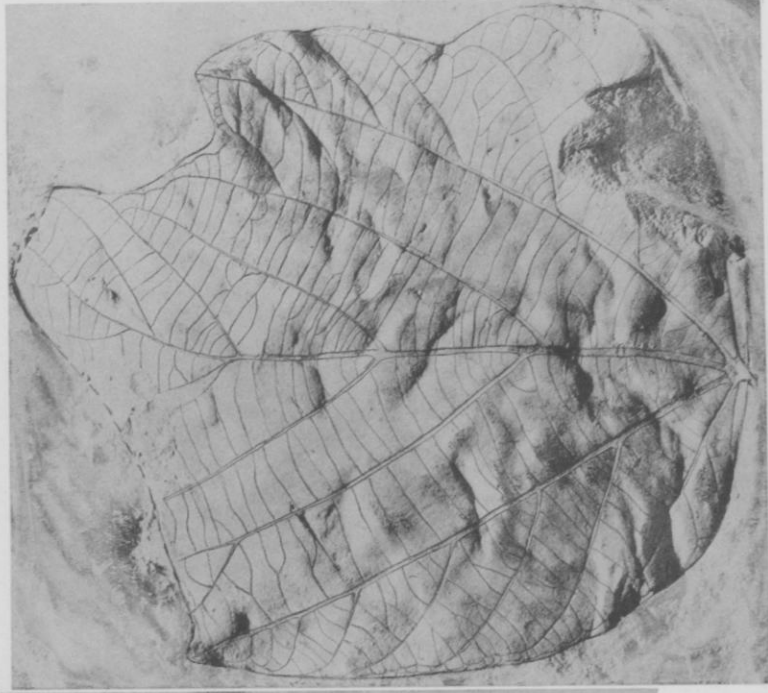
FIG. 7. *Acalypha aequalis* (Lesquereux) MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2268.



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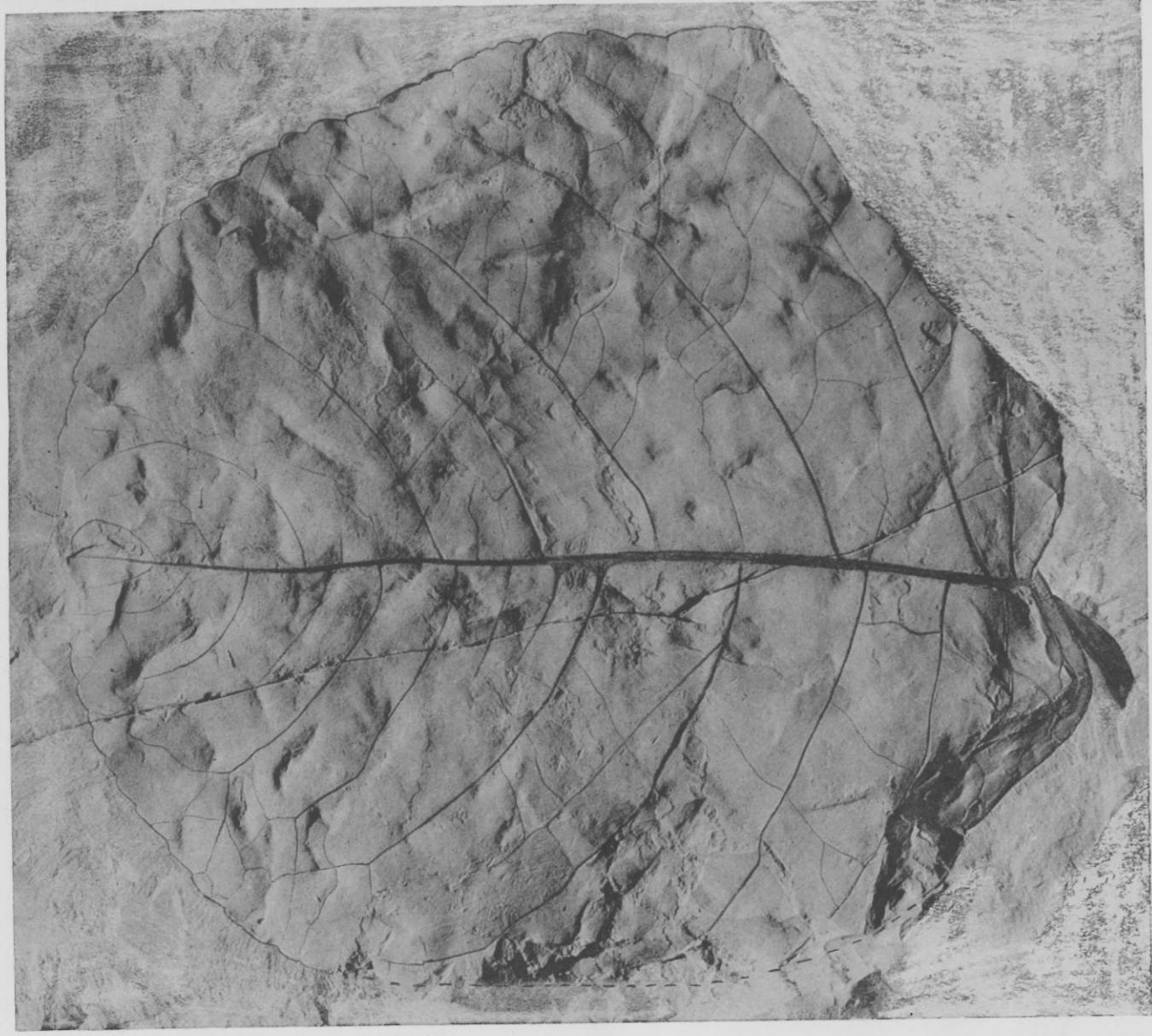


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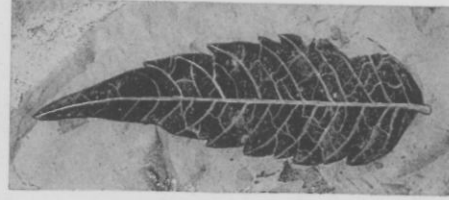


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FIGS. 1-3. *Mallotus riparius* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot Ser., nos. 2272, 2273, 2274.



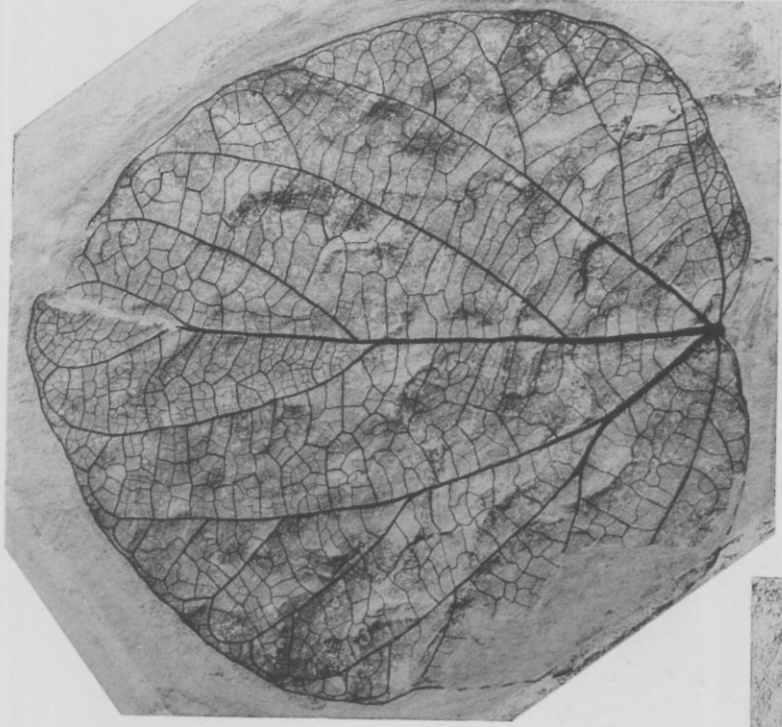
Celastrus preangulata MacGinitie. Cotype. U. C. Mus. Pal., Paleobot. Ser., no. 2276.



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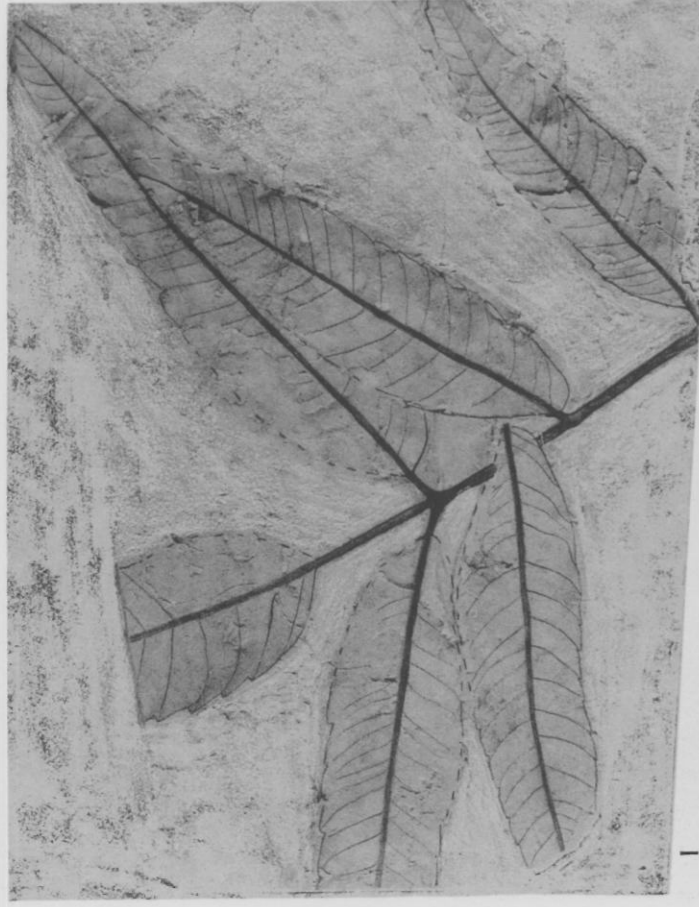


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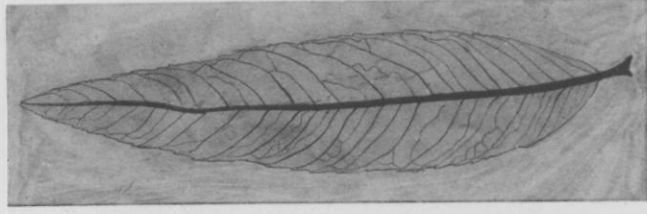
FIGS. 1, 4. *Rhus mixta* Lesquereux. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2279, 2280.

FIG. 2. *Phytocrene sordida* (Lesquereux) MacGinitie. Plesiotype.

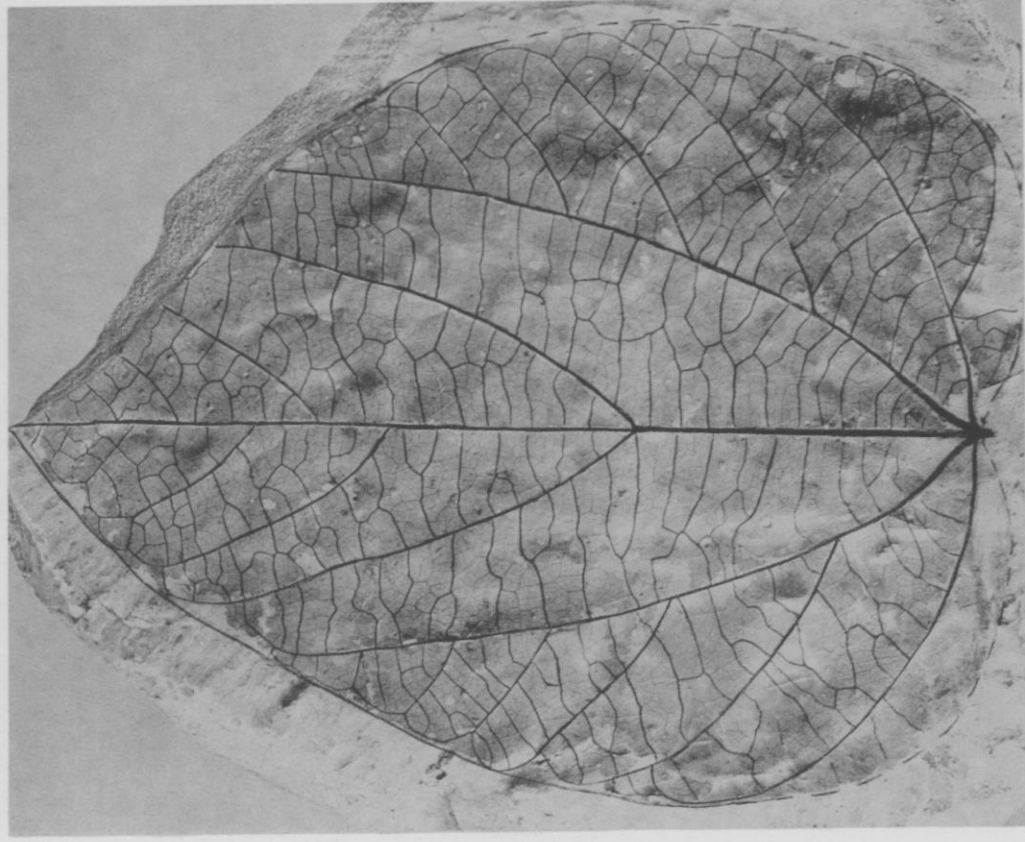
U. C. Mus. Pal., Paleobot. Ser., no. 2278.
FIG. 3. *Celastrus preangulata* MacGinitie. Cotype. U. C. Mus. Pal., Paleobot. Ser., no. 2277.



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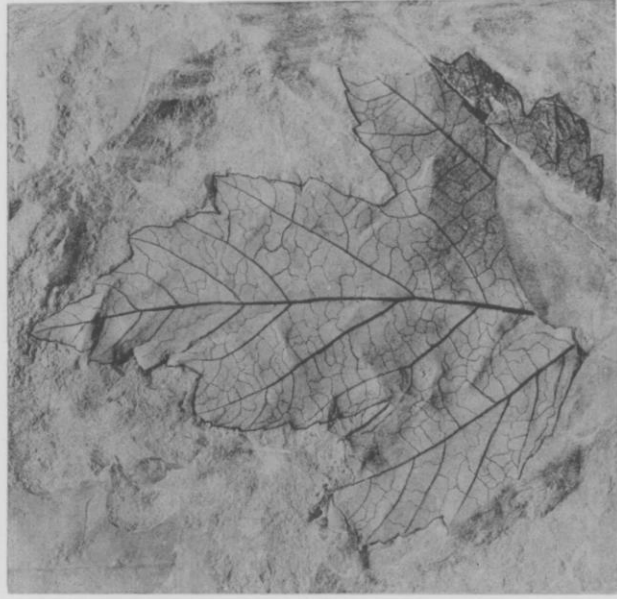
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FIG. 1. *Rhus mixta* Lesquereux. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2281.

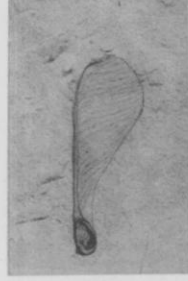
Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2289, 2290.

FIG. 3. *Phytocrene sordida* (Lesquereux) MacGinitie. Plesiotype. Calif. Acad. Sci. Paleo. Type Coll., no. 7777.

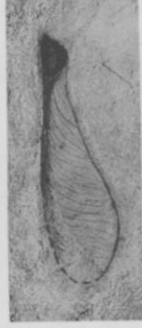
FIGS. 2, 4. *Thoutinopsis myricaefolia* (Lesquereux) MacGinitie.



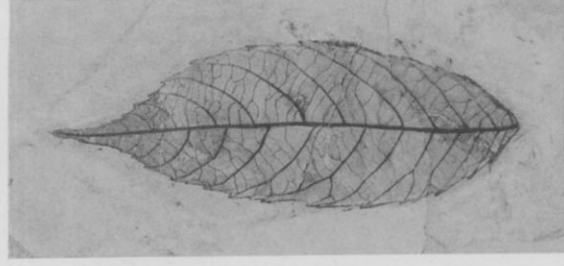
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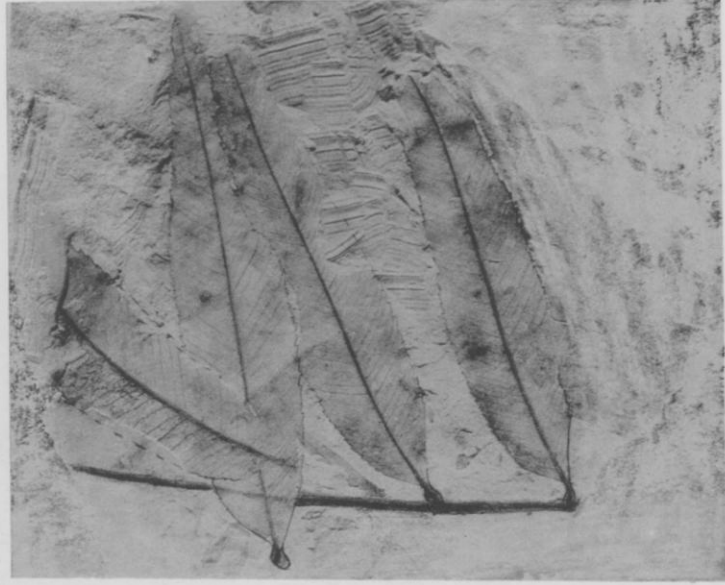
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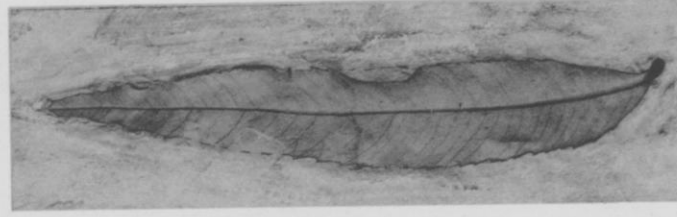
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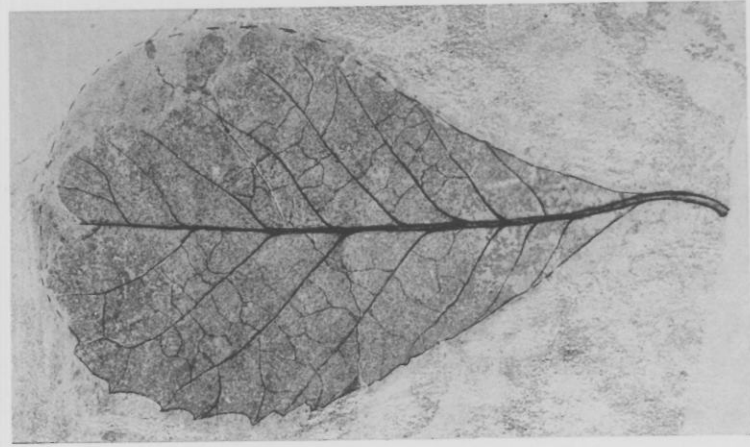
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FIGS. 1-4. *Acer aquidentatum* Lesquereux. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2283, 2284, 2285, 2286.

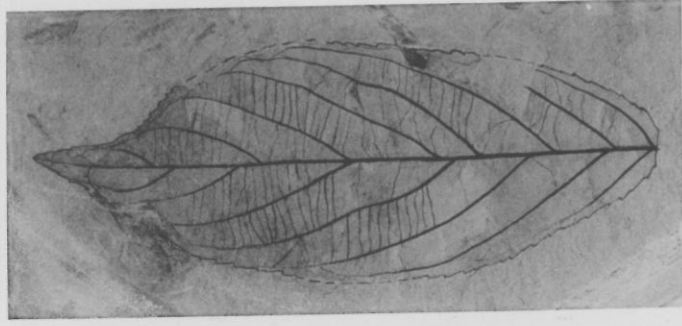
FIG. 5. *Cușpania oregona* Chaney and Sanborn. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2287.

FIG. 6. *Thouinopsis myricaefolia* (Lesquereux) MacGinitie. $\times 2$. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2291.

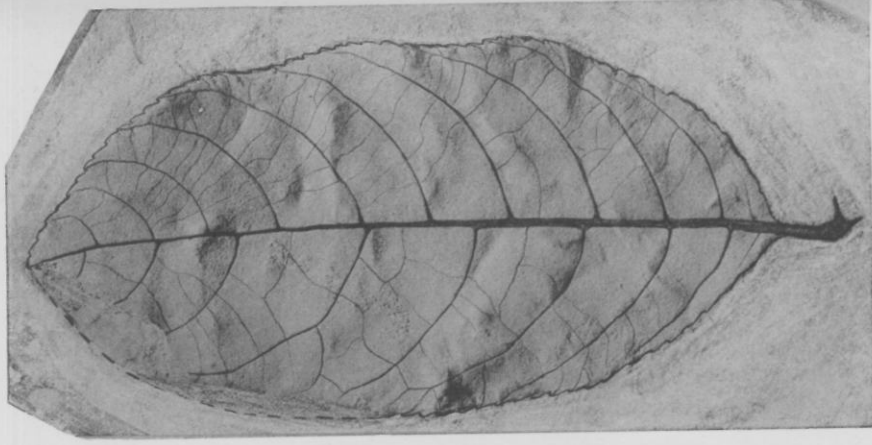
FIGS. 7-9. *Thouinopsis myricaefolia* (Lesquereux) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2292, 2293, 2294.



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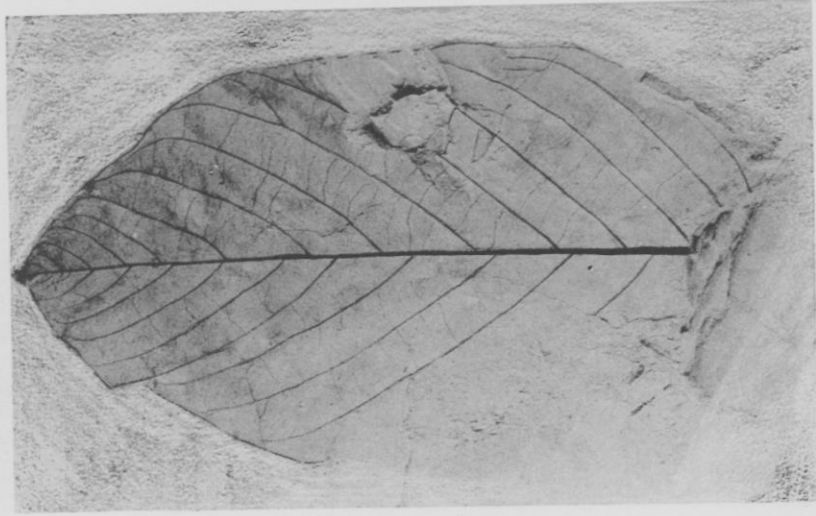
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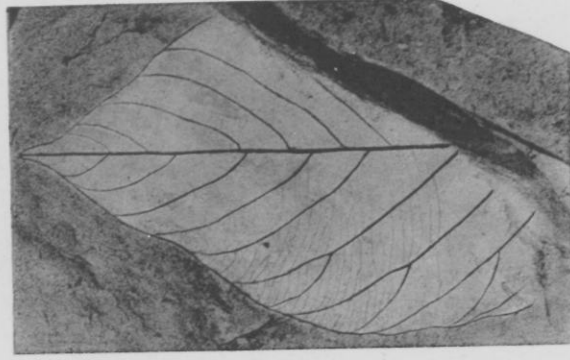
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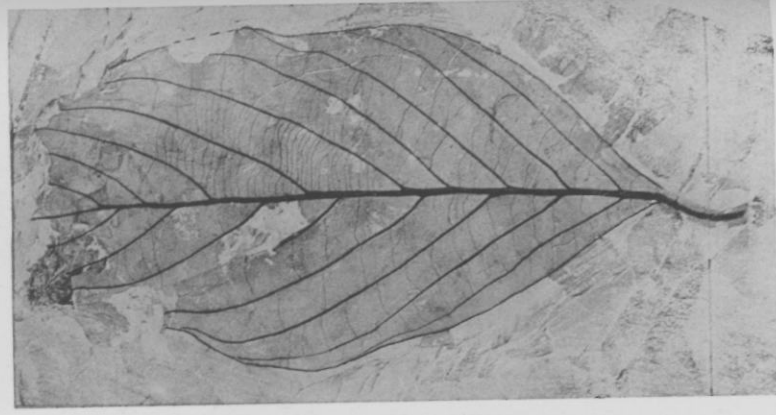
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FIG. 1. *Meliosma truncata* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2296.

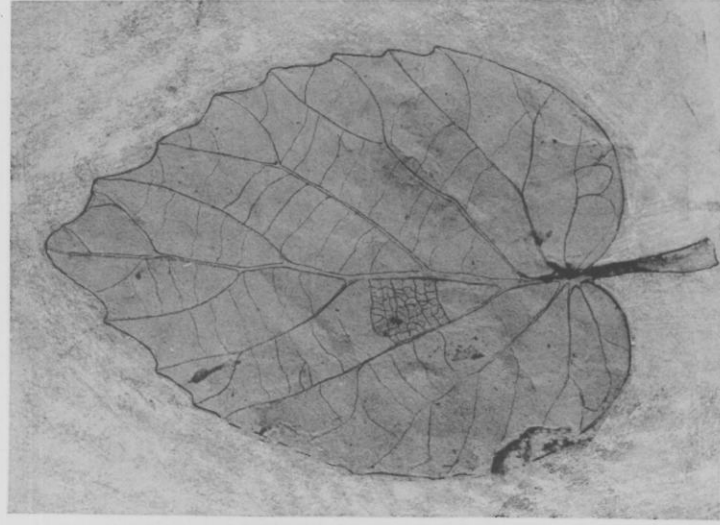
FIG. 2. *Rhamnus plenus* MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2300.

FIG. 3. *Rhamnus calyptus* MacGinitie. Holotype. U. C. Mus. Pal.,

Paleobot. Ser., no. 2301.

FIGS. 4, 5. *Carphites egregia* MacGinitie. \times 2.6. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2344, 2345.

FIGS. 6-8. *Rhamnidium chaneyi* Potbury. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2297, 2298, 2299.



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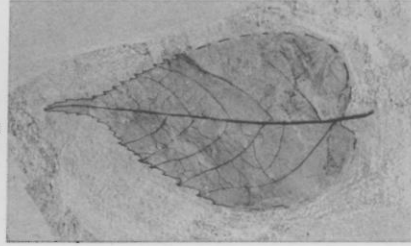
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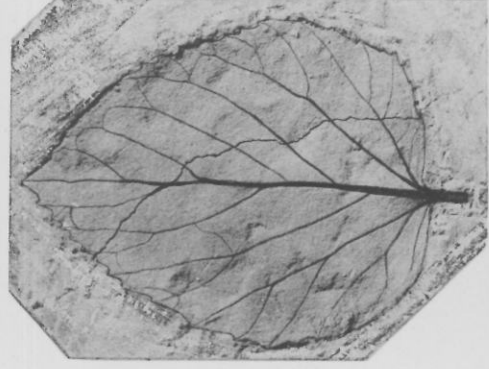
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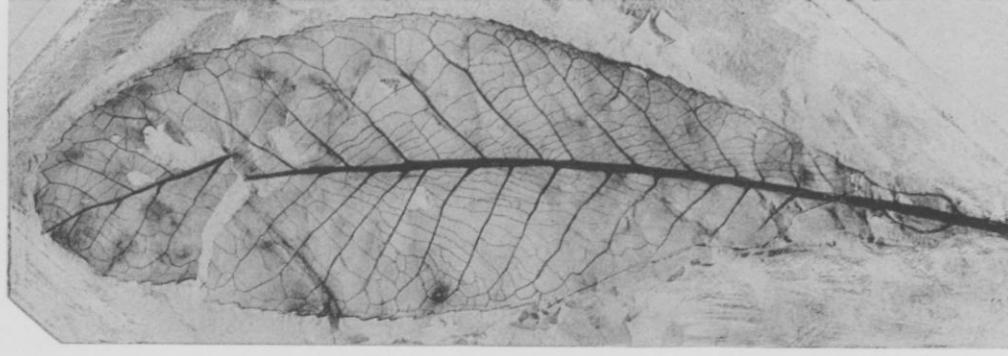
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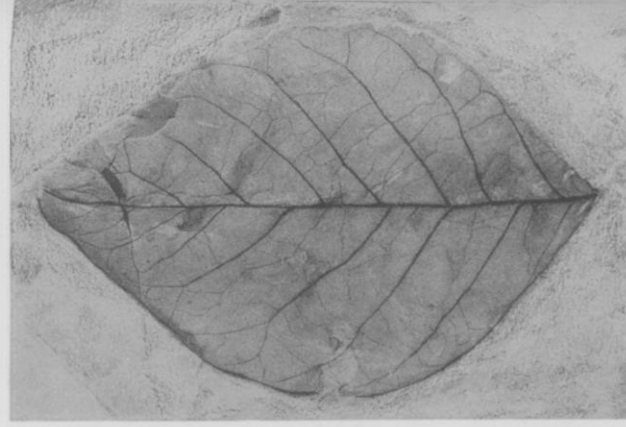
FIGS. 1, 3, 4. *Cissus pyriformis* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2302, 2304, 2305.

FIG. 2. *Cissus pyriformis* MacGinitie. X 3. Cotype. U. C. Mus. Pal., Paleobot. Ser., no. 2303.

FIGS. 5, 7, 9, 10, 12, 13. *Gordonia egregia* (Lesquereux) MacGinitie. Plesiotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2307, 2308, 2309, 2310, 2311, 2312.

FIGS. 6, 8. *Carpites egregia* MacGinitie. X 2. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2346, 2347.

FIG. 11. *Cissus pyriformis* MacGinitie. Cotype. U. S. Nat. Mus., no. 40238.



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FIG. 1. *Gordonia egregia* (Lesquereux) MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2313.

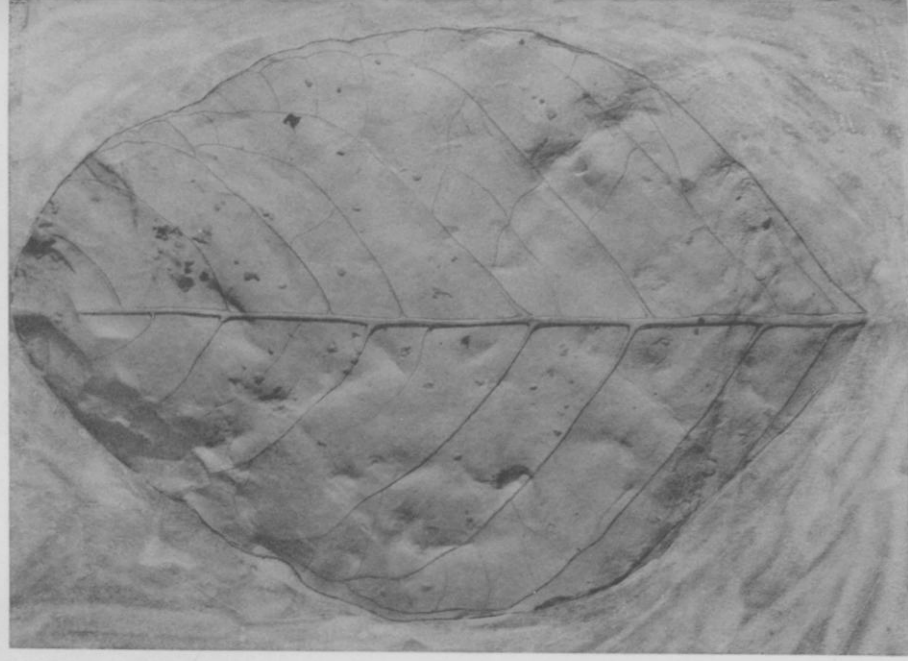
FIG. 2. *Nyssa californica* MacGinitie. U. S. Nat. Mus., no. 40239.

FIG. 3. *Calyptanthus myrifolia* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2314.

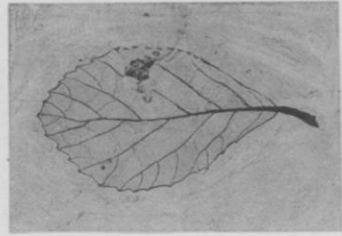
FIG. 4. *Nyssa californica* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2315.

FIG. 5. Unidentified fruit. U. C. Mus. Pal., Paleobot. Ser., no. 2334.

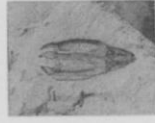
FIG. 6. *Nyssa californica* MacGinitie. Paratype. U. C. Mus. Pal., Paleobot. Ser., no. 2316.



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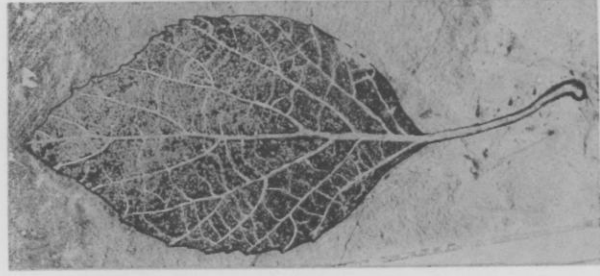


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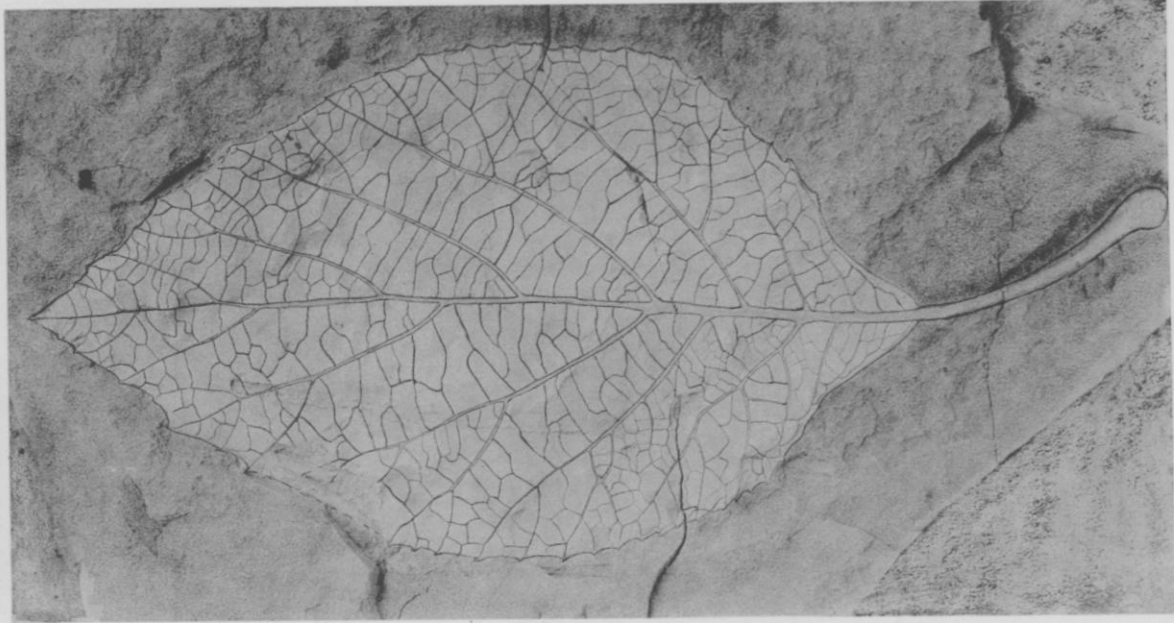
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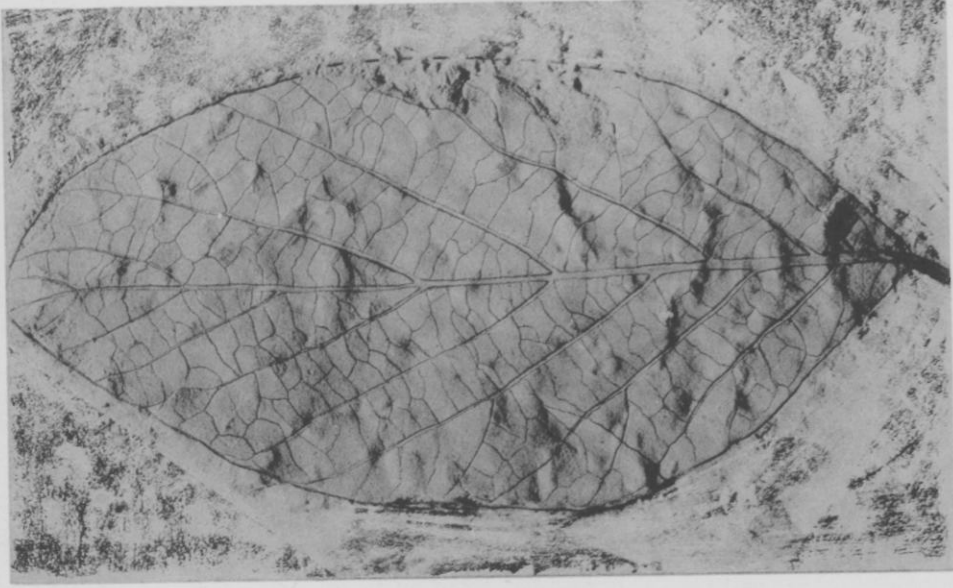
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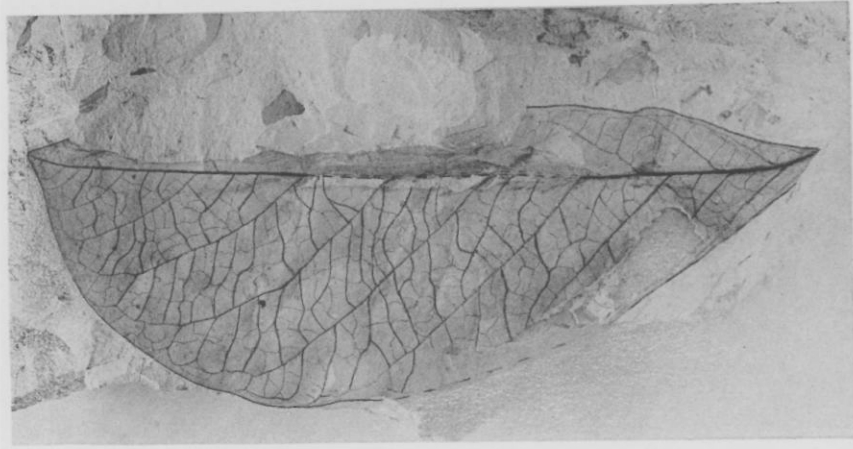


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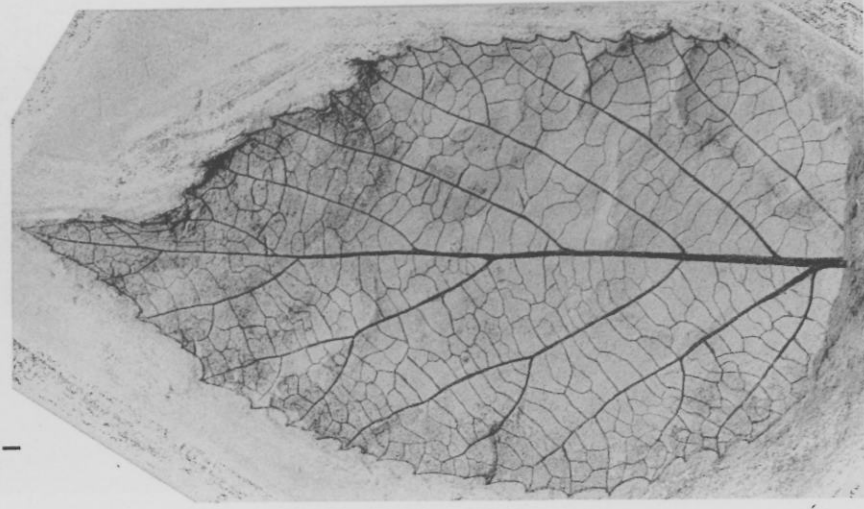
FIGS. 1, 4, 5, 7. *Viburnum variabilis* MacGinitie. Paratypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2331, 2332, 2333, 2335.

Mus. Pal., Paleobot. Ser., nos. 2339, 2340.
FIG. 6. *Viburnum variabilis* MacGinitie. Paratype. U. S. Nat. Mus., no. 40240.

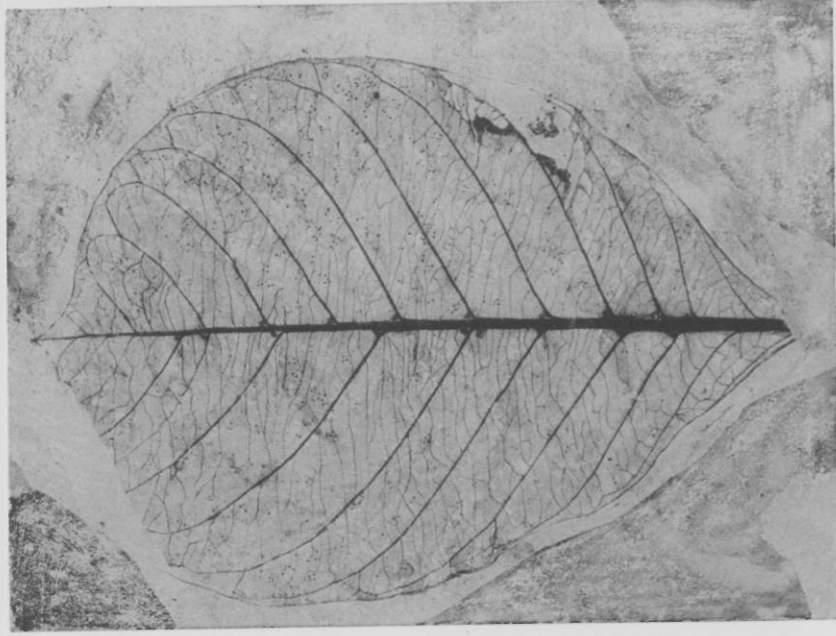
FIGS. 2, 3. *Calycites mikanoides* MacGinitie. X 2. Cotypes. U. C.



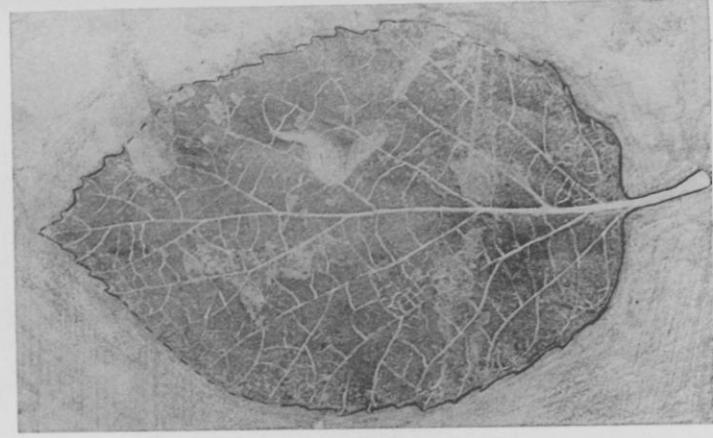
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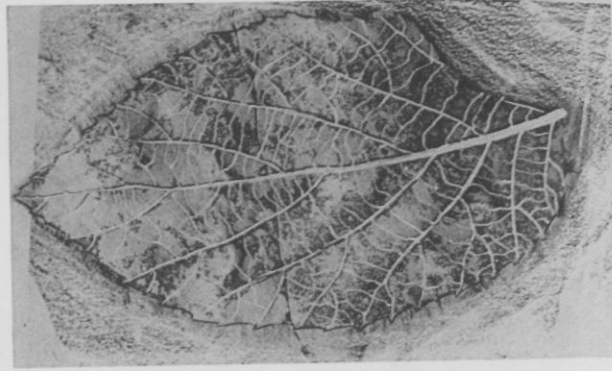
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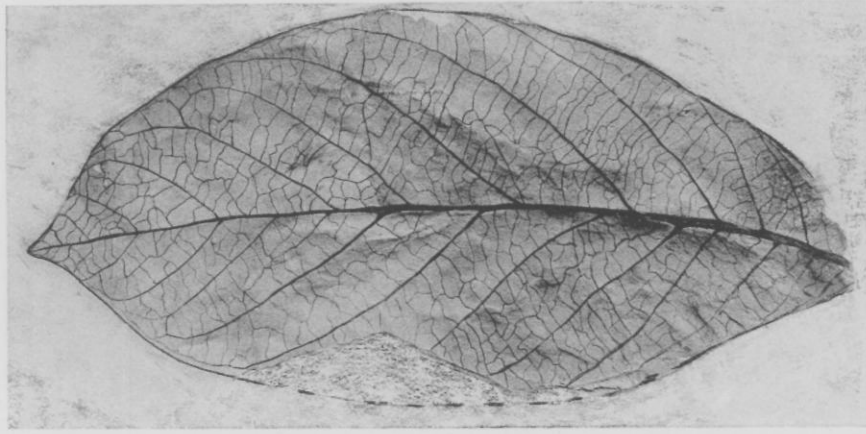
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FIGS. 1, 2. *Terminalia estamina* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2317, 2318.

FIG. 3. *Viburnum variabilis* MacGinitie. Paratype. U. C. Mus. Pal., Paleobot. Ser., no. 2336.

FIG. 4. *Viburnum variabilis* MacGinitie. Paratype. U. S. Nat. Mus., no. 40242.

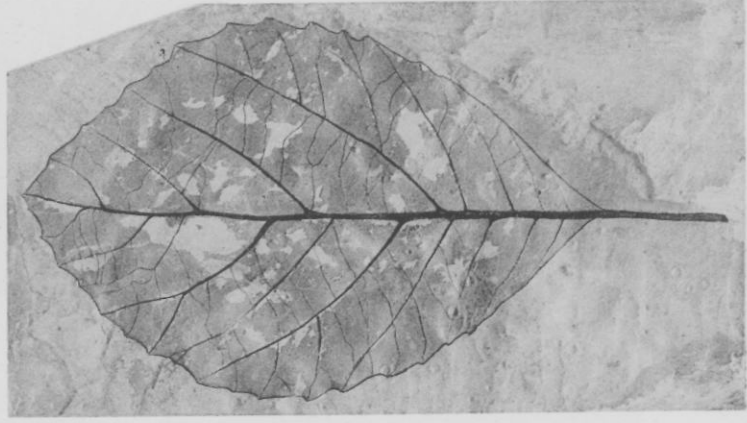
FIG. 5. *Viburnum variabilis* MacGinitie. Holotype. U. S. Nat. Mus., no. 40241.



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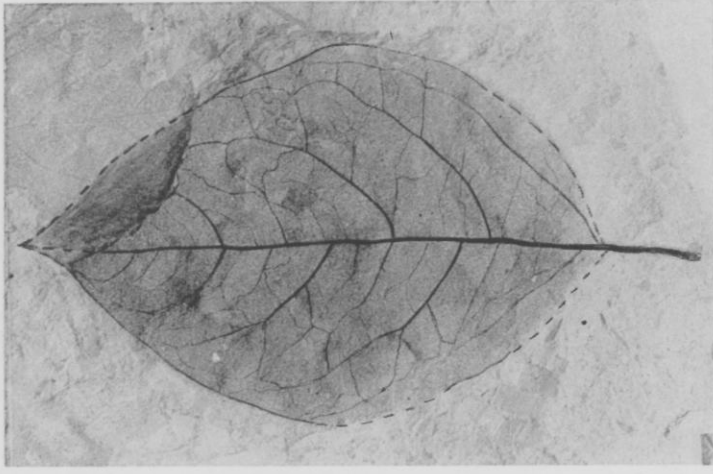
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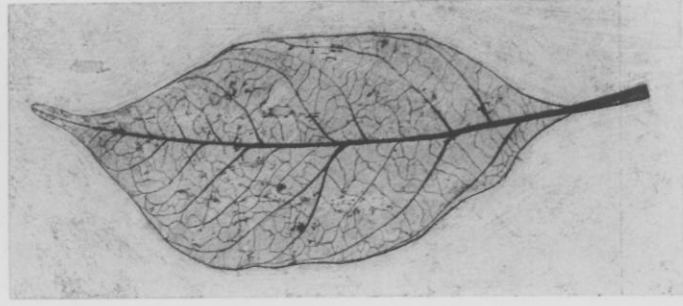
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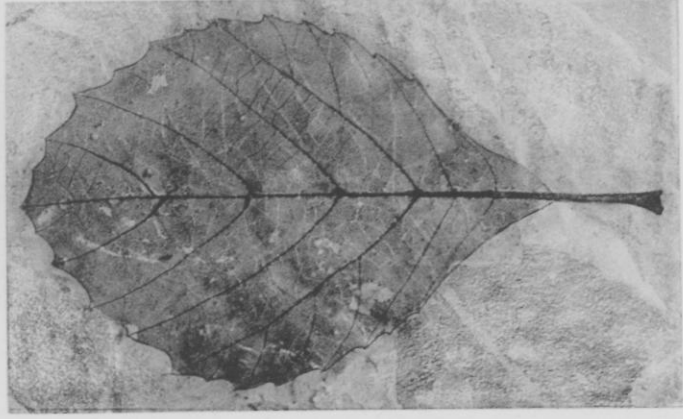
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FIG. 1. *Diospyros retinerensis* MacGinitie. Paratype. U. C. Mus. Pal., Paleobot. Ser., no. 2319.

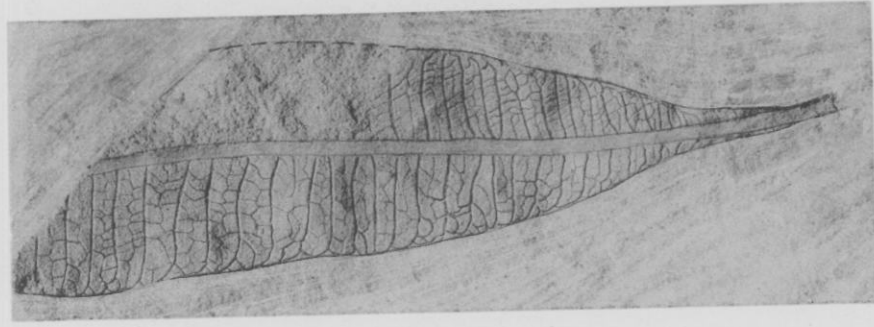
FIGS. 2, 4. *Terminalia estamina* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2320, 2321.

FIGS. 3, 7. *Quercophyllum platanooides* MacGinitie. Cotypes. Calif.

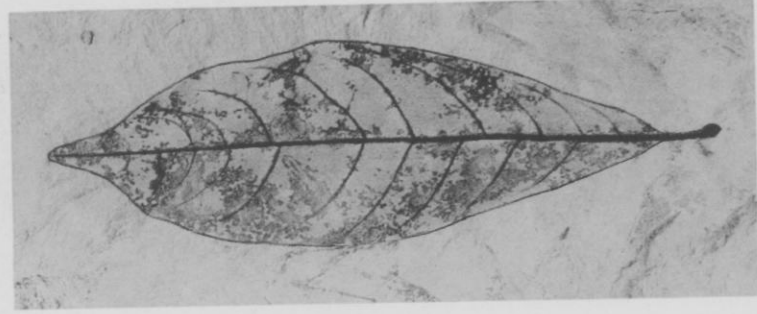
FIG. 5. *Nyssa californica* MacGinitie. Paratype. U. C. Mus. Pal., Paleobot. Ser., no. 2322.

FIG. 6. *Diospyros retinerensis* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2323.

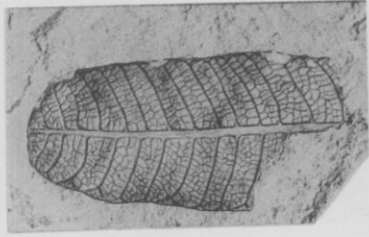
FIG. 7. *Quercophyllum platanooides* MacGinitie. Cotypes. Calif.



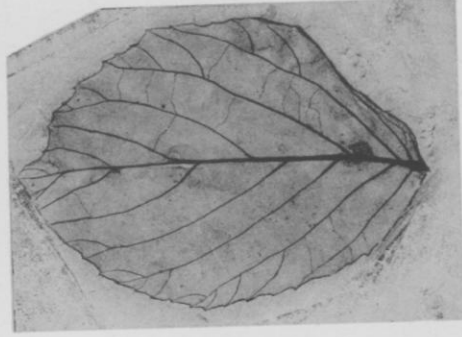
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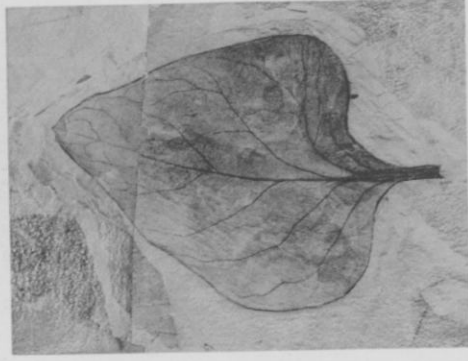
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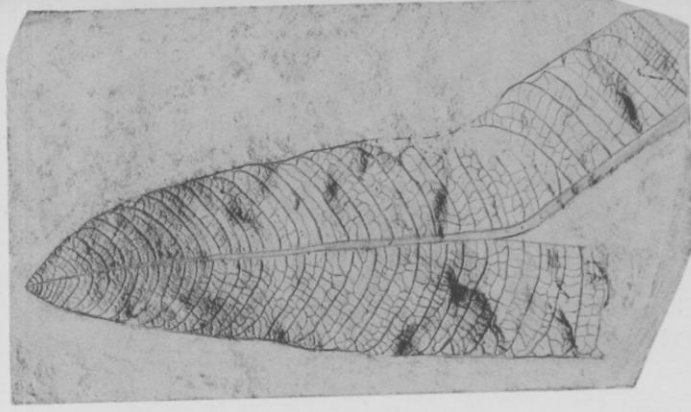
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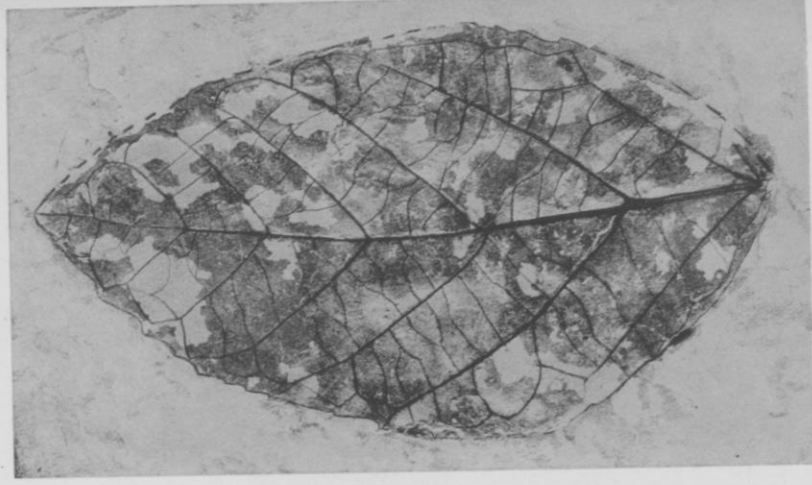
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FIGS. 1-3. *Nerium hinoidea* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2327, 2328, 2329.

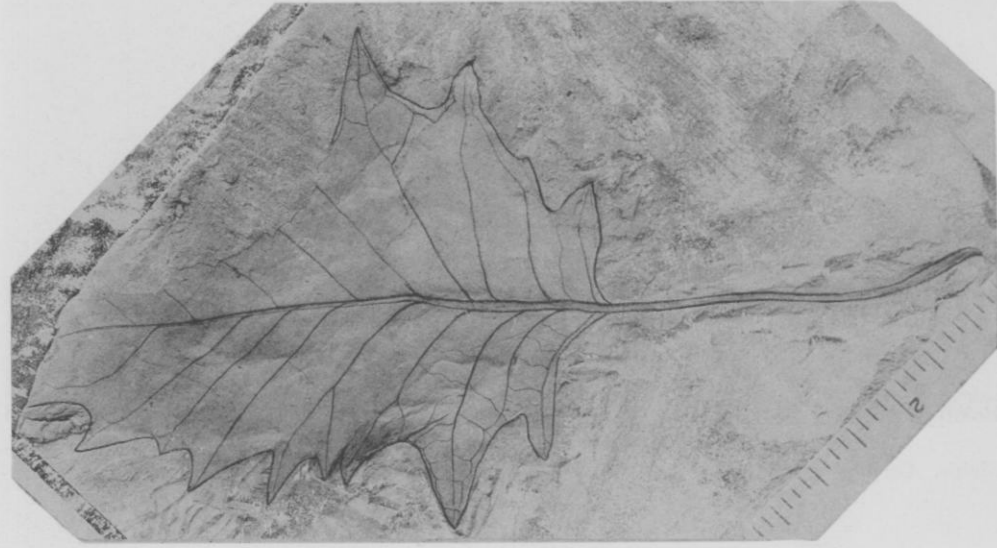
FIG. 4. *Phyllites cordiaefolia* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2349.

FIG. 5. *Tabernaemontana chrysophylloides* (Lesquereux) Mac-

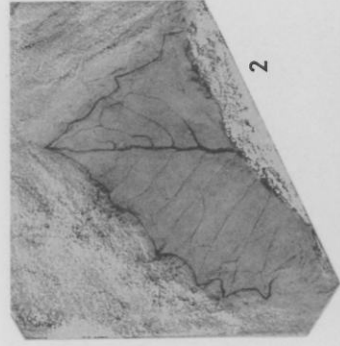
Ginitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 1854.

FIG. 6. *Asclepiadites lateria* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2330.

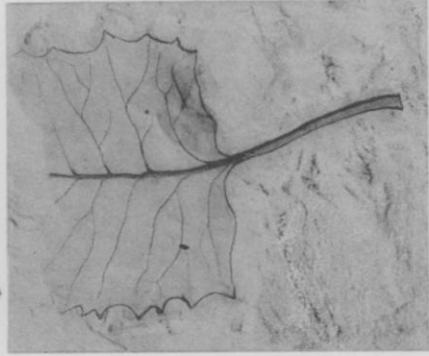
FIG. 7. Unidentified leaflet. U. C. Mus. Pal., Paleobot. Ser., no. 2348.



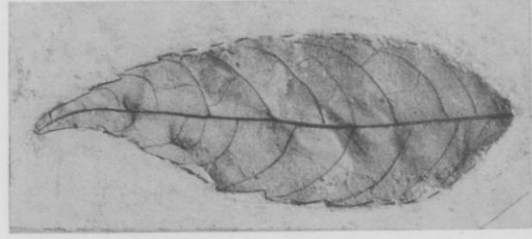
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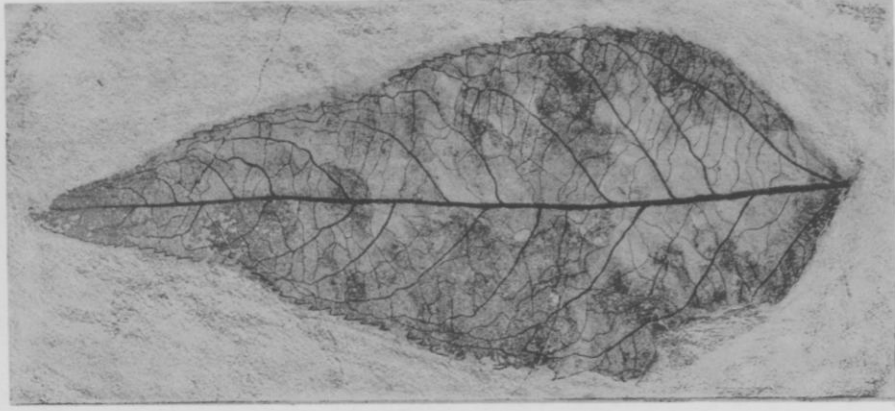
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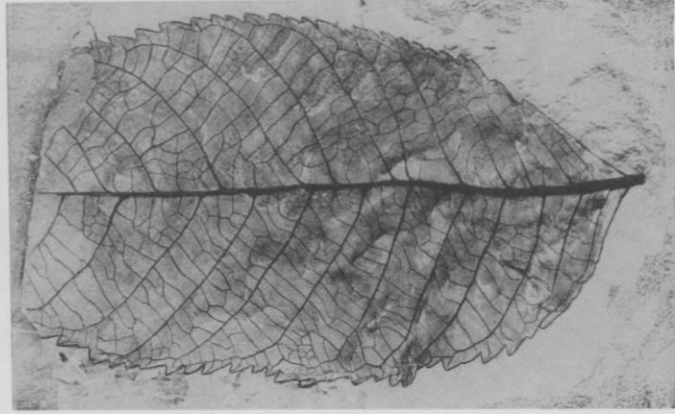
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FIG. 1. *Phyllites daturaeifolia* MacGinitie. Holotype. U. C. Mus. Pal., Paleobot. Ser., no. 2351.

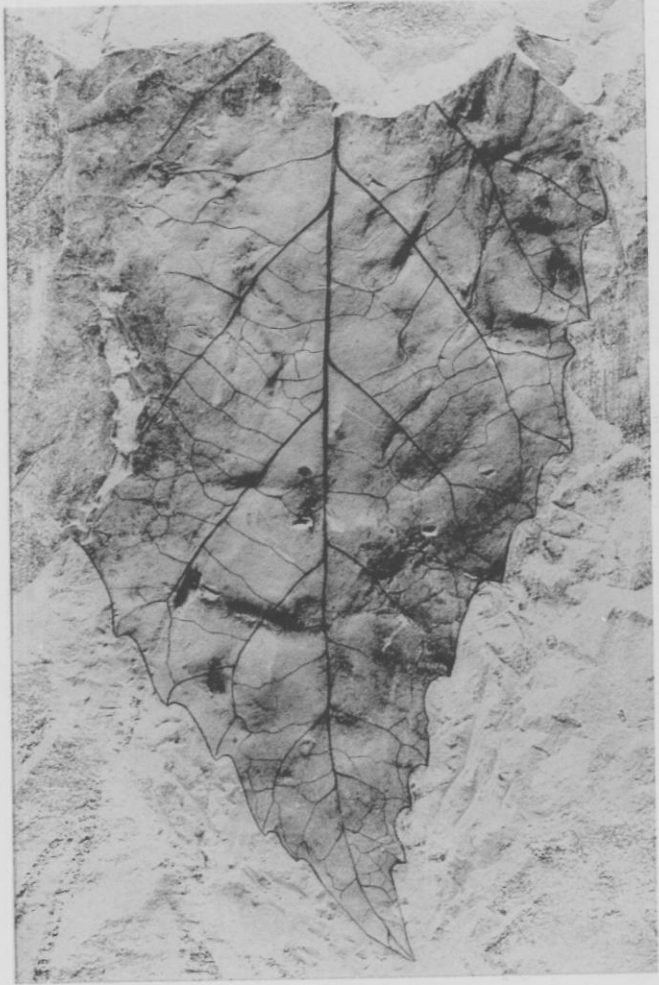
FIGS. 2, 3. *Phyllites daturaeifolia* MacGinitie. Paratypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2352, 2353.

FIGS. 4, 6. *Fraxinus yubaensis* MacGinitie. Cotypes. U. C. Mus. Pal., Paleobot. Ser., nos. 2324, 2325.

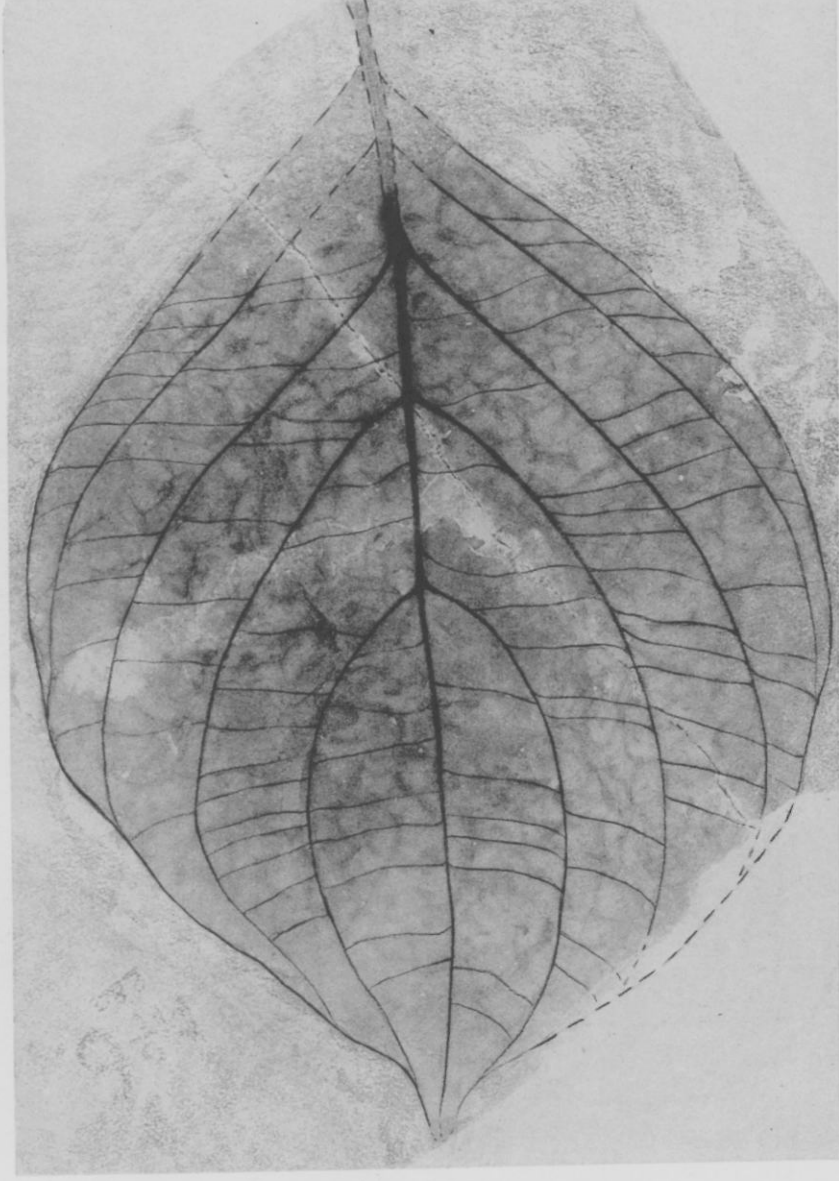
FIG. 7. Unidentified leaflet. U. C. Mus. Pal., Paleobot. Ser., no. 2357.

FIG. 8. *Phyllites laurinea* (Lesquereux) MacGinitie. Plesiotype. U. C. Mus. Pal., Paleobot. Ser., no. 2350.

FIG. 9. *Thouinopsis myrricaefolia* (Lesquereux) MacGinitie. Ple-



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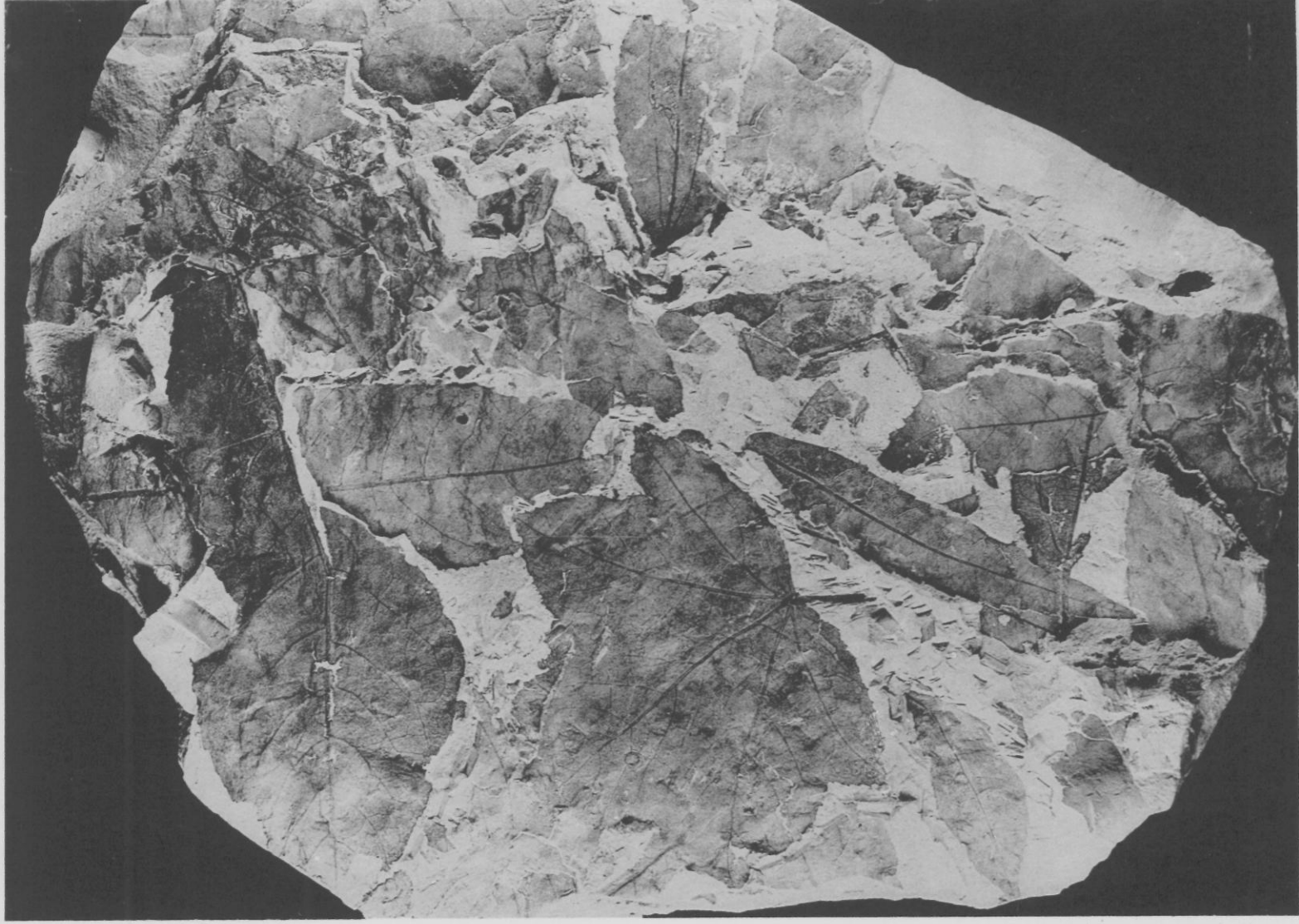


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FIG. 1. *Cornus kelloggii* Lesquereux, Holotype. U. C. Mus. Pal., Paleobot. Ser., nos. 2341, 2342, 2343.
 Mus. Pal., Paleobot. Ser., no. 1816.
 FIGS. 2-4. *Calycites mikanooides* MacGinitie, Cotypes.
 U. C. Mus. Pal., Paleobot. Ser., no. 2207.
 FIG. 5. Unidentified leaf, possibly related to *Calycites mikanooides*.



Slab of clay from Chalk Bluffs, showing the abundance of leaf impressions. \times o. 7. U. C. Mus. Pal., Paleobot. Ser., no. 2337.

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