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FOREST PRODUCTS LABORATORY LIST OF PUBLICATIONS ON  
GLUE, GLUED PRODUCTS, AND VENEER

Forest Products Laboratory  
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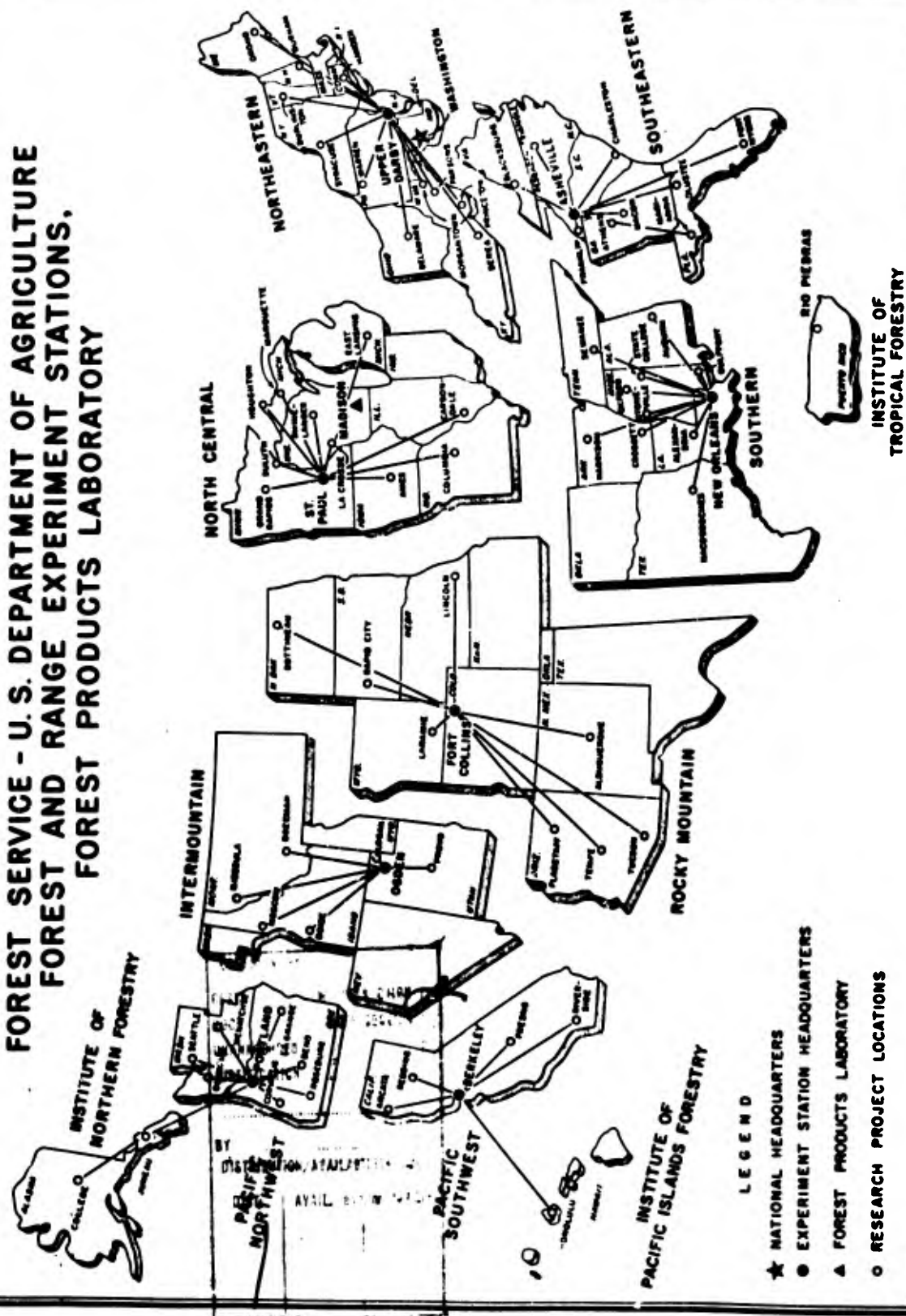
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Title	Author	Publication and date
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### TYPES OF GLUES AND THEIR CHARACTERISTICS

Measurement of uniaxial creep of selected adhesives in free film form.	Tellman, S. J., Kutscha, D., & Soper, V. R.	U.S. Forest Serv. Res. Note FPL-0157. 1967.
Selection and properties of wood-working glues.		U.S. Forest Serv. Res. Note FPL-0138. 1966.
Synthetic resin glues.	Forest Products Laboratory	U.S. Forest Serv. Res. Note FPL-0141. 1966.
*Adhesives.	Blomquist, R. F.	Reprinted from Ency- clopedia of Chem. Tech. 2d ed. 1963, Vol. 1, 371-405.
*Epoxy-resin adhesives for gluing wood.	Olson, W. Z.	Forest Prod. J. 12 (2):74-80, Feb. 1962.
*Progress in glues and gluing processes.	Blomquist, R. F.	Forest Prod. J. 12 (2):49-58, Feb. 1962.
*An evaluation of 21 rubber-base adhesives for wood.	Blomquist, R. F. & Olson, W. Z.	Forest Prod. J. 10 (10):494-502, Oct. 1960.
*An international look at glues and gluing.	Blomquist, R. F.	Forest Prod. J. 10 (2):62-70, Feb. 1960.
Occurrence and removal of glue stains.	Forest Products Laboratory	FPL Tech. Note 146. Reissued 1958.
The ideal glue--how close are we?	Brouse, D.	Forest Prod. J. 7 (5): 163-167, May 1957.
*Better glues.	Blomquist, R. F.	South. Lbrmn. 194(2418): 43-47, Jan. 1957.
*Polyvinyl-resin emulsion wood-working glues.	Olson, W. Z., & Blomquist, R. F.	Forest Prod. J. 5 (4):219-226, Aug. 1955.

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Copper salts improve casein glue.	: Forest Products Laboratory	: FPL Tech. Note 170. Reissued 1953.
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Animal glues: Their manufacture, testing and preparation.	: Forest Products Laboratory	: FPL Rep. 492. 1929. +1960.

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Preliminary study of the gluing of ammonium salt-treated wood with resorcinol-resin glues.	: Schaeffer, R. E.	: U.S. Forest Serv. Res. Note FPL-0112. 1966.
Chemical interaction of ammonium salt fire retardants and resorcinol-resin adhesives.	: Schaeffer, R. E., Gillespie, R. H., & Blomquist, R. F.	: Forest Prod. J. 16 (5):23-30. May 1966.
Behavior of an epoxy-polysulfide adhesive in wood joints exposed to moisture content changes.	: Krueger, G. P.	: U.S. Forest Serv. Res. Paper FPL 24. 1965.
Device for estimating wood or glue failure in glue block shear test.	: Forest Products Laboratory	: U.S. Forest Serv. Res. Note FPL-0102. 1965.
Experimental techniques for determining mechanical behavior of flexible structural adhesives in timber joints.	: Krueger, G. P., & Blomquist, R. F.	: U.S. Forest Serv. Res. Paper FPL 21. 1965.

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A comparison of the block shear, cross-lap tension, and glue line cleavage methods of testing glued joints.	Stanger, A. G., & Blomquist, R. F.	Forest Prod. J. 15 (12):468-474, Dec. 1965.
Performance of a rigid and a flexible adhesive in lumber joints subjected to moisture content changes.	Krueger, G. P., & Blomquist, R. F.	U.S. Forest Serv. Res. Note FPL-076. 1964.
Control of conditions in gluing with protein and starch glues.	Forest Products Laboratory	U.S. Forest Serv. Res. Note FPL-050. 1964.
Adhesives--past, present, and future.	Blomquist, R. F.	ASTM 1963. Edgar Marburg Lecture.
*Adhesives for structural laminated lumber.	Selbo, M. L.	Adhesives Age 4(2): 22-25, Feb. 1961.
Chemical treatment of surfaces improves joints with certain woods and glues.	Forest Products Laboratory	FPL Tech. Note 232. Rev. 1961.
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*Progress in 1960...glues and gluing processes.	Blomquist, R. F.	Forest Prod. J. 11 (2):77-85, Feb. 1961.
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The gluing of treated lumber.	Selbo, M. L.	Amer. Wood-Preservers' Assn. Proc. 1960.

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Proceedings of the symposium on adhesives for the wood industry held at U.S. Forest Products Laboratory, Madison, Wis. Jan. 13-15, 1960.	: Locke, E. G.	: FPL Rep. 2183. 1960.
Starved glue joints.	: Forest Products Laboratory	: FPL Tech. Note 193. 1960.
Strength tests of spliced studs.	: Erickson, E.C.O.	: FPL Rep. 1275. Revised 1959. +1965.
Summary of information on gluing of treated wood.	: Selbo, M. L.	: FPL Rep. 1789. Revised 1959. +1965.
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Glued structural members.	: Forest Products Laboratory	: Separate from Wood Handb. USDA Agr. Handb. No. 72. 1955.
Gluing characteristics of chinquapin, tanoak, California laurel, madrone.	: Olson, W. Z.	: FPL Rep. 2030. 1955. +1960.
Gluing of wood.	: Forest Products Laboratory	: Separate from Wood Handb. USDA Agr. Handb. No. 72. 1955.
*Gluing techniques for beech.	: Olson, W. Z., & Blomquist, R. F.	: Beech Util. Series No. 5. Northeastern Forest Exp. Sta. 1953.
Glues for wood in archery uses.	: Forest Products Laboratory	: FPL Tech. Note 226. Rev. 1952.

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Gluing of plywood to concealed framing members with high-frequency stray field heating.	Bell, E. R., & Dunlap, M. E.	FPL Rep. 1694. 1947. +1960.
Curing of resorcinol-resin glues at temperatures from 40° to 80° F.	Olson, W. Z., Bruce, H. D., & Soper, V.	FPL Rep. 1629. 1946. +1964.
Glues and gluing in prefabricated house construction.	Arneson, G. N.	Miss. Valley Lbrmn. May 10, 17, 1946. Cosgrove's Mag., May-June 1946.
Rate of development of joint strength by four resin glues on eight species of wood.	Olson, W. Z., Bruce, H. D., & Soper, V.	FPL Rep. 1547. 1946. +1962.
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The gluing characteristics of 15 species of wood with cold-setting urea-resin glues.	Forest Products Laboratory	FPL Rep. 1342. Revised 1942. +1962.
*Gluing wood in aircraft manufacture.	Truax, T. R.	USDA Tech. Bull. 205. 1930. 25 cents.
*The gluing of wood.	Truax, T. R.	USDA Bull. 1500. 1929.
Important factors in gluing with animal glue.	Forest Products Laboratory	FPL Rep. 869. 1929. +1965.

### GLUING OF MATERIALS OTHER THAN WOOD

(Metals, Plastics, etc.)

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Determination of mechanical properties of adhesives for use in the design of bonded joints.	Kuenzi, E. W., & Stevens, G. H.	U.S. Forest Serv. Res. Note FPL-011. 1963.
Importance of balanced construction in plastic-faced wood panels.	Heebink, B. G.	U.S. Forest Serv. Res. Note FPL-021. 1963.
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*Paper overlays on low-grade lumber.	:	Heebink, B. G.	:	The Northeastern Logger 10(4):14-15, 34-36, 43, Oct. 1961.
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Development of adhesives with improved heat resistance in bonds of stainless steel.	:	Black, J. M., & Blomquist, R. F.	:	FPL Rep. 1883. 1961.
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* Comparisons of test methods for evaluating adhesives for bonding metal facings to metal honeycomb cores.	:	Eickner, H. W., & Werren, F.:	WADC Tech. Rep. 54-138.	July 1954. Available from Research & Technical Div., ML (MAAE), Wright-Patterson Air Force Base, Ohio.
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*Effect of temperatures from -70° to 600° F. on strength of adhesive-bonded lap shear specimens of clad 24S-T3 aluminum alloy and of cotton- and glass-fabric plastic laminates.	Eickner, H. W., Olson, W. Z., & Blomquist, R. F.	National Advisory Comm. for Aeronautics Tech. Note 2717. June 1952.
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*Gluing tests with room-temperature-setting adhesives to fabric-base plastic laminates.	:	Eickner, H. W.	:	Air Force Tech. Rep. 5928. Aug. 1949.
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### DURABILITY OF GLUES

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Durability of urea-resin glues at elevated temperatures.	:	Blomquist, R. F. & : Olson, W. Z.	:	Forest Prod. J. 7(8): 266-272, Aug. 1957.
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*Evaluation of glues and glued products.	:	Blomquist, R. F.	:	Preprint Forest Prod. Res. Soc. 8th Annual National Meeting, Grand Rapids, Mich. May 1954.
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*Tests on the durability of wood-working glues.	: Wangaard, F. F.	: South. Lbrmn. 174(2184): 63-64, 66, 68, 70, 74, Apr. 1, 1947.
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Procedures for measuring the mold resistance of protein glues.	Kaufert, F.H.	FPL Rep. 1344. 1943. : +1960.

#### PLYWOOD AND VENEERED PANELS

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Some factors affecting southern pine veneer and plywood quality.	Youngs, R. L.	South. Lbrmn. 210(2619): : 22-25, June 1, 1965.
*A look at new problems facing hardwood plywood.	Youngs, R. L.	Wood and Wood Products : 70(5):38-42, May 1965.
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*Trends and troubles--veneer and plywood 1959.	Lutz, J.F.	Forest Prod. J. 10 (2):119-122, Feb. 1960.
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*Temperatures obtained in timbers when the surface temperature is changes after various periods of heating.	:	MacLean, J. D.	:	AWPA Proc. 42:87-139, 1946.
	:		:	

\*Not available for distribution from the Forest Products Laboratory.  
+Information reviewed and reaffirmed.

**PUBLICATION LISTS ISSUED BY THE**  
**FOREST PRODUCTS LABORATORY**

The following lists of publications deal with investigative projects of the Forest Products Laboratory or relate to special interest groups and are available upon request:

Architects, Builders, Engineers, and Retail Lumbermen	Logging, Milling, and Utilization of Timber Products
Box and Crate Construction and Packaging Data	Mechanical Properties and Struc- tural Uses of Wood and Wood Products
Chemistry of Wood	
Drying of Wood	Modified Woods, Paper-Base Laminates, and Reinforced Plastic Laminates
Fire Performance	
Fungus and Insect Defects in Forest Products	Sandwich Construction
	Thermal Properties of Wood
Furniture Manufacturers, Woodworkers, and Teachers of Woodshop Practice	Wood Fiber Products
	Wood Finishing Subjects
Glue and Plywood	Wood Preservation
Growth, Structure, and Identification of Wood	

**Note:** Since Forest Products Laboratory publications are so varied in subject matter, no single catalog of titles is issued. Instead, a listing is made for each area of Laboratory research. Twice a year, January 1 and July 1, a list is compiled showing new reports for the previous 6 months. This is the only item sent regularly to the Laboratory's mailing roster, and it serves to keep current the various subject matter listings. Names may be added to the mailing roster upon request.

