

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Eucalyptus nova-anglica*

| Activities Count | Chemical           | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|------------------|--------------------|------------|---------|----------|----------------------|---|
| 67               | 1,8-CINEOLE        | Leaf       | 25.0    | 40.0     | -0.5250794655442623  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALLO-AROMADENDRENE | Leaf       | 415.0   | 710.0    | -0.03823928212687761 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALPHA-AMORPHENE    | Leaf       | 55.0    | 90.0     | 1.3089827331696327   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALPHA-BULNESENE    | Leaf       | 7.0     | 12.0     | -0.5672257176727665  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALPHA-COPAENE      | Leaf       | 11.0    | 20.0     | -0.23731921323893723 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALPHA-EUDESOL      | Leaf       | 20.0    | 35.0     | -0.45496425573817273 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | ALPHA-GURJUNENE    | Leaf       | 140.0   | 230.0    | 1.2546931096220624   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 28               | ALPHA-PINENE       | Leaf       | 0.1     | 1185.0   | -0.14760893455541166 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of <i>Eucalyptus nova-anglica</i> . Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |

| Activities Count | Chemical       | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|------------------|----------------|------------|---------|----------|----------------------|---|
| 3                | ALPHA-SELINENE | Leaf       | 55.0    | 90.0     | 1.010557935874394    | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 3                | AROMADENDRENE  | Leaf       | 4620.0  | 7960.0   | 4.200444124571627    | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 13               | BETA-EUDESOL   | Leaf       | 20.0    | 35.0     | -0.5171721093714343  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | BETA-GURJUNENE | Leaf       | 55.0    | 95.0     | -0.4112338231973465  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 13               | BETA-PINENE    | Leaf       | 4.0     | 7.0      | -0.41880472085851106 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 3                | BETA-SELINENE  | Leaf       | 55.0    | 90.0     | 0.3765214107712022   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | CALACORENE     | Leaf       | 5.0     | 10.0     | -0.5313425192288739  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | CALAMENENE     | Leaf       | 65.0    | 110.0    | 1.7177130485990428   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 9                | CAMPHENE       | Leaf       | 8.0     | 15.0     | -0.18702307599126838 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |

| Activities Count | Chemical        | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|------------------|-----------------|------------|---------|----------|----------------------|---|
| 9                | DELTA-CADINENE  | Leaf       | 40.0    | 75.0     | -0.1375774546004268  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | EO              | Leaf       | 14000.0 | 24000.0  | 1.0964163024556115   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | EPIGLOBULOL     | Leaf       |         | 11060.0  | -1.0                 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | GAMMA-EUDESOL   | Leaf       | 50.0    | 80.0     | 1.1412604732867653   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 11               | GAMMA-TERPINENE | Leaf       | 75.0    | 130.0    | -0.12126822980285945 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | GLOBULOL        | Leaf       | 3500.0  | 7225.0   | 5.080806283570594    | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | LEDOL           | Leaf       | 90.0    | 155.0    | 1.4021028854035076   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 60               | LIMONENE        | Leaf       | 4.0     | 7.0      | -0.4404202146791783  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 11               | NEROLIDOL       | Leaf       |         | 0.0      | -0.7220798297713206  | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |

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|------------------|---------------|------------|---------|----------|----------------------|---|
| 16               | P-CYMENE      | Leaf       | 140.0   | 240.0    | -0.20072225341672062 | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | SPATHULENOL   | Leaf       | 60.0    | 405.0    | 1.363073910374865    | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 0                | VIRIDIFLORENE | Leaf       | 140.0   | 300.0    | 1.1172155655415383   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |
| 1                | VIRIDIFLOROL  | Leaf       | 25.0    | 335.0    | 0.8320828479338034   | Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32. |