

**Table S1.** Results of aphid species classification based on LDA analysis. A and B - classification matrix obtained without and using jackknifing procedure. Rows: given groups; columns: predicted groups.

<b>A</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>Total</b>
<b>1</b>	5	0	0	0	0	0	0	0	0	0	0	0	5
<b>2</b>	0	5	0	0	0	0	0	0	0	0	0	0	5
<b>3</b>	0	0	5	0	0	0	0	0	0	0	0	0	5
<b>4</b>	0	0	0	5	0	0	0	0	0	0	0	0	5
<b>5</b>	0	0	0	0	5	0	0	0	0	0	0	0	5
<b>6</b>	0	0	0	0	0	5	0	0	0	0	0	0	5
<b>7</b>	0	0	0	0	0	0	5	0	0	0	0	0	5
<b>8</b>	0	0	0	0	0	0	0	4	1	0	0	0	5
<b>9</b>	0	0	0	0	0	0	0	0	5	0	0	0	5
<b>10</b>	0	0	0	0	0	0	0	0	0	5	0	0	5
<b>12</b>	0	0	0	0	0	0	0	0	0	0	5	0	5
<b>11</b>	0	0	0	0	0	0	0	0	0	0	0	5	5
<b>Total</b>	5	5	5	5	5	5	5	4	6	5	5	5	60

% correctly classified: 98.3

<b>B</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>Total</b>
<b>1</b>	5	0	0	0	0	0	0	0	0	0	0	0	5
<b>2</b>	0	5	0	0	0	0	0	0	0	0	0	0	5
<b>3</b>	0	0	4	1	0	0	0	0	0	0	0	0	5
<b>4</b>	0	0	0	5	0	0	0	0	0	0	0	0	5
<b>5</b>	0	0	0	0	5	0	0	0	0	0	0	0	5
<b>6</b>	0	0	0	0	0	5	0	0	0	0	0	0	5
<b>7</b>	1	0	0	0	0	0	4	0	0	0	0	0	5
<b>8</b>	0	0	0	0	0	0	0	4	1	0	0	0	5
<b>9</b>	0	0	0	0	0	0	0	1	3	0	1	0	5
<b>10</b>	0	0	0	0	0	0	0	0	0	4	1	0	5
<b>12</b>	0	0	0	0	0	0	0	0	0	0	5	0	5
<b>11</b>	0	0	0	0	0	0	0	0	0	0	0	5	5
<b>Total</b>	6	5	4	6	5	5	4	5	4	4	7	5	60

% correctly classified: 90.0