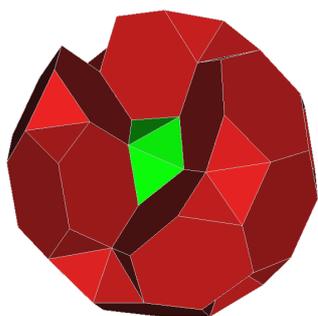
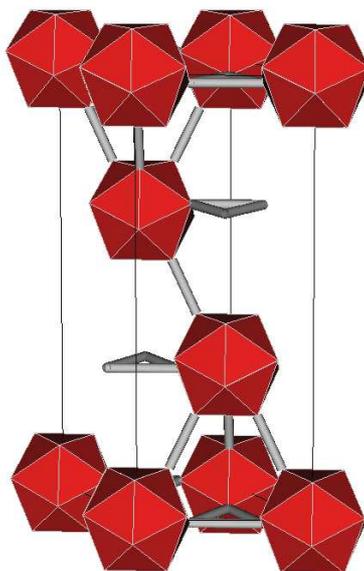
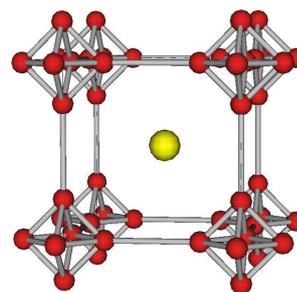
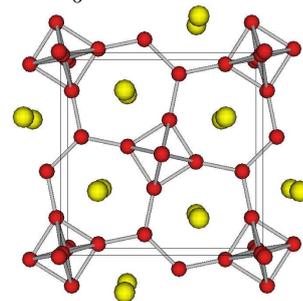


## 8. Nichtmetalle der 3. Hauptgruppe: B

## 8.1 Element

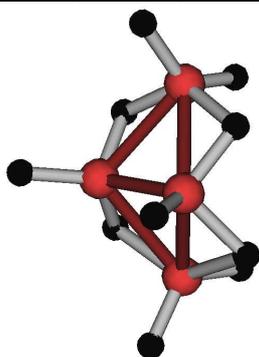
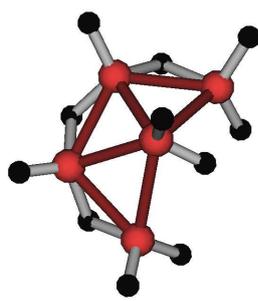
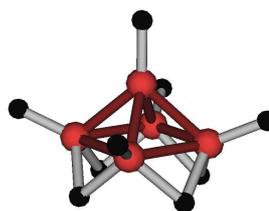
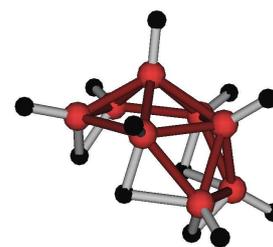
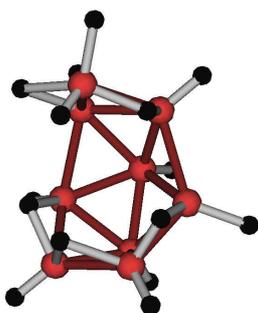
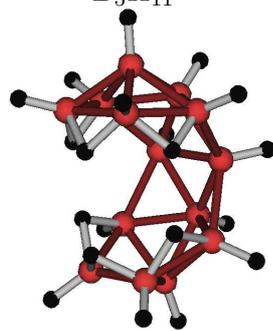
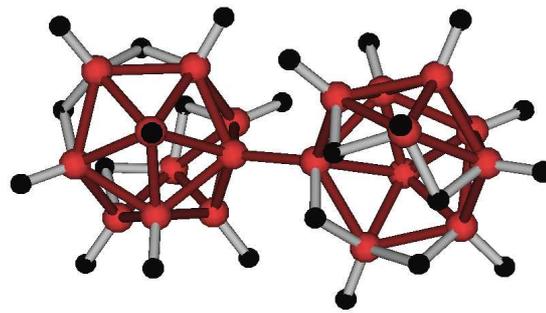
 $\beta$ -rhomboedrischem B  
(Baelement) $\alpha$ -rhomboedrisches B

## 8.2 Boride

CaB<sub>6</sub>LaB<sub>4</sub>

## 8.3 Borane

unbes. Ecken	Gerüst- e <sup>-</sup> - Paare	Be- zeich- nung	allgem. For- mel	Beispiele							
				Grundpolyeder							
				6	7	8	9	10	11	12	14
0	m+1	closo	[B <sub>n</sub> H <sub>n</sub> ] <sup>2-</sup>	B <sub>6</sub> H <sub>6</sub> <sup>2-</sup>	-	-	-	B <sub>10</sub> H <sub>10</sub> <sup>2-</sup>	-	B <sub>12</sub> H <sub>12</sub> <sup>2-</sup>	-
1	m+2	nido	B <sub>n</sub> H <sub>n+4</sub>	B <sub>5</sub> H <sub>9</sub>	B <sub>6</sub> H <sub>10</sub>	-	B <sub>8</sub> H <sub>12</sub>	-	B <sub>10</sub> H <sub>14</sub>	-	-
2	m+3	arachno	B <sub>n</sub> H <sub>n+6</sub>	B <sub>4</sub> H <sub>10</sub>	B <sub>5</sub> H <sub>11</sub>	B <sub>6</sub> H <sub>12</sub>	-	B <sub>8</sub> H <sub>14</sub>	B <sub>9</sub> H <sub>15</sub>	B <sub>10</sub> H <sub>16</sub>	B <sub>14</sub> H <sub>20</sub>
3	m+4	hypho	B <sub>n</sub> H <sub>n+8</sub>	-	-	B <sub>5</sub> H <sub>12</sub>	-	-	B <sub>8</sub> H <sub>18</sub>	-	-

B<sub>4</sub>H<sub>10</sub>B<sub>5</sub>H<sub>11</sub>B<sub>5</sub>H<sub>9</sub>B<sub>8</sub>H<sub>12</sub>B<sub>9</sub>H<sub>15</sub>B<sub>14</sub>H<sub>20</sub>B<sub>20</sub>H<sub>26</sub>