other books, the Ayas is divided into two species—the śyāma ('iron') and the lohita ('copper' or 'bronze'). In the Satapatha Brāhmaṇa<sup>8</sup> a distinction is drawn between Ayas and lohāyasa, which may either be a distinction between iron and copper as understood by Eggeling,<sup>9</sup> or between copper and bronze as held by Schrader.<sup>10</sup> In one passage of the Atharvaveda,<sup>11</sup> the sense of iron seems certain. Possibly, too, the arrow of the Rigveda,<sup>12</sup> which had a tip of Ayas (yasyā ayo mukham), was pointed with iron. Copper, however, is conceivable, and bronze quite likely.

Iron is called *syāma ayas* or *syāma* alone. See also **Kārṣṇāyasa**. Copper is **Lohāyasa** or **Lohitāyasa**.

The smelting (dhmā 'to blow') of the metal is frequently referred to. The Satapatha Brāhmana 14 states that if 'well smelted' (bahu-dhmātam) it is like gold, referring evidently to bronze. A heater of Ayas is mentioned in the Vājasaneyi Samhitā, 15 and bowls of Ayas are also spoken of 16

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8 v. 4, I, 2.
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Aya-sthūna.—He was Grhapati ('householder,' the sacrificer at sacrificial sessions) of those whose Adhvaryu was Śaulvā-yana, and taught the latter the proper mode of using certain spoons.<sup>1</sup>

<sup>1</sup> Satapatha Brāhmaṇa, xi. 4, 2, 17 et seq.

Avāsva Ānoirasa.—This sage appears to b

Ayāsya Āngirasa.—This sage appears to be mentioned in two passages of the Rigveda,¹ and the Anukramaṇī ascribes to him several hymns of the Rigveda (ix. 44-46; x. 67; 68). In the Brāhmaṇa tradition he was Udgātr at the Rājasūya or Royal Inauguration Sacrifice, at which Śunahśepa was to have been slain, and his Udgītha (Sāmaveda chant) is referred to elsewhere.³ He is also referred to several times as a ritual

<sup>9</sup> Sacred Books of the East, 41, 90

<sup>10</sup> Prehistoric Antiquities, 189.

<sup>11</sup> v. 28, I.

<sup>12</sup> vi. 75, 15.

<sup>13</sup> Av. ix. 5, 4.

<sup>. 14</sup> vi. 1, 3, 5. *Cf.* vi. 1, 1, 13; v. 1, 2, 14; xii. 7, 1, 7; 2, 10, etc.

<sup>18</sup> xxx. 14; Taittirīya Brāhmaņa, iii. 4,

<sup>16</sup> Av. viii. 10, 22; Maitrāyanī Samhitā, iv. 2, 13.

<sup>1</sup> x. 67, 1; 108, 8. Perhaps x. 92, 15 also refers to him, but not i. 62, 7; x. 138, 4.

<sup>&</sup>lt;sup>2</sup> Aitareya Brāhmaṇa, vii. 16.

<sup>&</sup>lt;sup>3</sup> Jaiminīya Upaniṣad Brāhmaṇa, ii. 7, 2. 6; 8, 3. Cf. Chāndogya Upaniṣad, i. 2, 12.