

with the castle Weingarten, which was adjacent. If Sargent and Urban had consulted *Botanische Zeitung*, v. 2, 1844, p. 110, they would have found Rugel mentioned as 'ein württembergischer Pharmaceut'; and in *Flora*, v. 27, 1844, p. 145, as "Herr F. Rugel aus Württemberg." These notes, with the gravestone inscription, clearly dispose of the matter of Rugel's nationality.

In the contemporary obituary of Dr. Rugel,<sup>36</sup> the collection of shells made by him (including some of Shuttleworth's new species), as well as Rugel's personal herbarium were offered for sale. The herbarium was sold in 1881 to the Quaker botanist, Isaac Martindale, of Philadelphia. Later, on Martindale's death, the whole Martindale herbarium was purchased by Messrs. Smith, Kline, French & Co. of Philadelphia, and presented to the Philadelphia College of Pharmacy and Science.<sup>37</sup>

There it remains to the present day, in excellent condition. It and the collections of Rugel in the United States National Museum and the British Museum would well repay study for dated collections and possible itineraries. I hope that this brief and imperfect note will encourage favorably-placed scholars to do this. In the meantime, I shall be grateful for any scrap of information, no matter how apparently insignificant, on Dr. Ferdinand Rugel.

<sup>36</sup>*Bulletin Torrey Botanical Club*, v. 6, 1879, pp. 311-12.

<sup>37</sup>J. W. Harshberger, *Botanists of Philadelphia*, 1899, p. 326. Theodor Philipp Haas (*Amer. Jour. Pharmacy*, v. 116, 1944, pp. 420-32) [seen only in abstract], gives the date of sale of the Rugel herbarium as 1861, but this is a typographical error.

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